

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085388.D
 Acq On : 06 Jan 2025 16:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 07 00:24:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/07/2025
 Supervised By : Mahesh Dadoda 01/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	156275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	270000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111395	49.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.960%
35) Dibromofluoromethane	8.159	113	86336	51.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.565	98	312301	50.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.847	95	110072	53.621	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	121449	57.463	ug/l	97
3) Chloromethane	2.359	50	121838	51.291	ug/l	99
4) Vinyl Chloride	2.512	62	125383	49.910	ug/l	99
5) Bromomethane	2.953	94	74726	45.481	ug/l	100
6) Chloroethane	3.118	64	79316	49.784	ug/l	98
7) Trichlorofluoromethane	3.495	101	177867	53.860	ug/l	97
8) Diethyl Ether	3.959	74	61824	56.540	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	103522	55.092	ug/l	99
10) Methyl Iodide	4.583	142	117331	53.957	ug/l	94
11) Tert butyl alcohol	5.512	59	68715	246.195	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	94874	54.632	ug/l	94
13) Acrolein	4.177	56	104266	239.611	ug/l	98
14) Allyl chloride	5.024	41	152719	54.947	ug/l	99
15) Acrylonitrile	5.712	53	245834	279.848	ug/l	100
16) Acetone	4.418	43	200607	273.705	ug/l	99
17) Carbon Disulfide	4.712	76	287958	54.505	ug/l	100
18) Methyl Acetate	5.018	43	122704	54.683	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	317251	56.204	ug/l	99
20) Methylene Chloride	5.271	84	108356	54.964	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	102549	56.529	ug/l	99
22) Diisopropyl ether	6.665	45	349772	58.399	ug/l	98
23) Vinyl Acetate	6.600	43	1306539	301.545	ug/l	99
24) 1,1-Dichloroethane	6.565	63	200302	55.518	ug/l	100
25) 2-Butanone	7.477	43	314309	276.421	ug/l	94
26) 2,2-Dichloropropane	7.483	77	177069	56.018	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	119340	56.049	ug/l	92
28) Bromochloromethane	7.806	49	83028	49.520	ug/l #	98
29) Tetrahydrofuran	7.835	42	216178	295.147	ug/l	97
30) Chloroform	7.959	83	202707	54.919	ug/l	99
31) Cyclohexane	8.253	56	177930	54.008	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	177914	53.972	ug/l	99
36) 1,1-Dichloropropene	8.371	75	149226	60.508	ug/l	98
37) Ethyl Acetate	7.553	43	138718	56.589	ug/l	97
38) Carbon Tetrachloride	8.359	117	159367	59.284	ug/l	98
39) Methylcyclohexane	9.594	83	160817	62.848	ug/l	97
40) Benzene	8.600	78	445104	59.693	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	77021	61.351	ug/l	97
42) 1,2-Dichloroethane	8.665	62	152726	57.128	ug/l	99
43) Isopropyl Acetate	8.682	43	238649	59.126	ug/l	99
44) Trichloroethene	9.347	130	98790	55.960	ug/l	96
45) 1,2-Dichloropropane	9.618	63	112111	59.228	ug/l	98
46) Dibromomethane	9.700	93	76438	58.064	ug/l	99
47) Bromodichloromethane	9.882	83	161362	58.974	ug/l #	97
48) Methyl methacrylate	9.677	41	108457	61.925	ug/l	98
49) 1,4-Dioxane	9.688	88	31409	1188.607	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	682964	301.095	ug/l	100
52) Toluene	10.624	92	270677	60.965	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	165294	61.430	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	175445	60.298	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	99108	59.124	ug/l	95
56) Ethyl methacrylate	10.871	69	158148	64.780	ug/l	98
57) 1,3-Dichloropropane	11.159	76	175354	59.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	347981	294.611	ug/l	97
59) 2-Hexanone	11.188	43	488918	310.674	ug/l	100
60) Dibromochloromethane	11.353	129	115889	61.381	ug/l	99
61) 1,2-Dibromoethane	11.465	107	98179	59.201	ug/l	100
64) Tetrachloroethene	11.100	164	83740	54.890	ug/l	97
65) Chlorobenzene	11.888	112	292718	56.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	101456	58.100	ug/l	98
67) Ethyl Benzene	11.959	91	513782	59.378	ug/l	99
68) m/p-Xylenes	12.065	106	390642	123.366	ug/l	99
69) o-Xylene	12.394	106	188098	61.406	ug/l	99
70) Styrene	12.406	104	312477	62.941	ug/l	99
71) Bromoform	12.576	173	73034	60.385	ug/l #	99
73) Isopropylbenzene	12.688	105	467314	56.700	ug/l	100
74) N-amyl acetate	12.488	43	207742	58.886	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	141483	53.900	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	107588m	50.269	ug/l	
77) Bromobenzene	12.976	156	109747	53.746	ug/l	99
78) n-propylbenzene	13.029	91	574659	59.816	ug/l	100
79) 2-Chlorotoluene	13.123	91	342580	56.659	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	396231	59.436	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50842	56.890	ug/l	98
82) 4-Chlorotoluene	13.217	91	345084	56.669	ug/l	99
83) tert-Butylbenzene	13.435	119	329433	57.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	400781	60.376	ug/l	99
85) sec-Butylbenzene	13.612	105	475003	59.258	ug/l	99
86) p-Isopropyltoluene	13.723	119	397550	55.083	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	206700	55.839	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	206269	54.247	ug/l	100
89) n-Butylbenzene	14.053	91	346658	59.058	ug/l	99
90) Hexachloroethane	14.329	117	76986	58.593	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	200149	56.759	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24972	53.453	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	98456	55.944	ug/l	99
94) Hexachlorobutadiene	15.494	225	46514	53.194	ug/l	98
95) Naphthalene	15.635	128	293890	49.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	95307	54.201	ug/l	99

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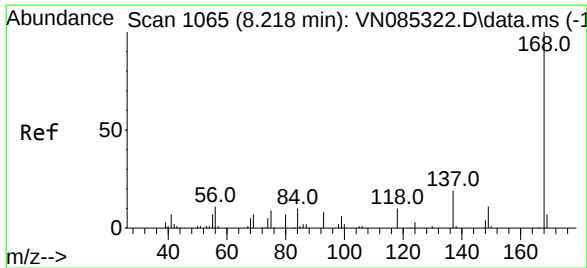
Manual Integrations
APPROVED

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QLast Update : Sat Dec 28 01:36:16 2024
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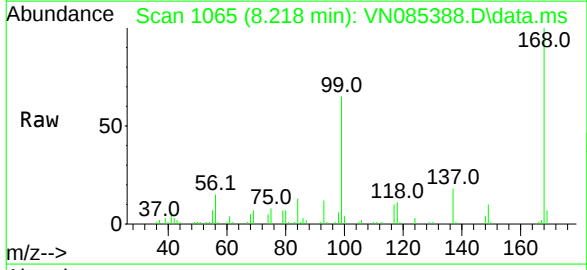
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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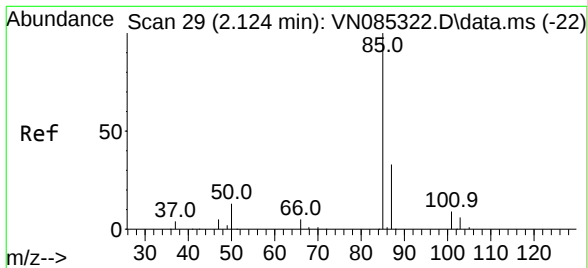
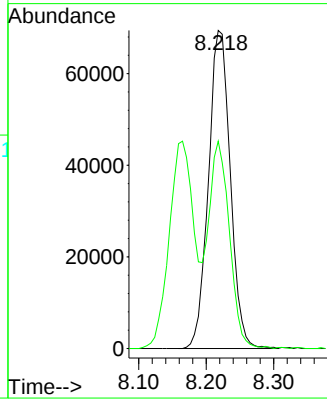
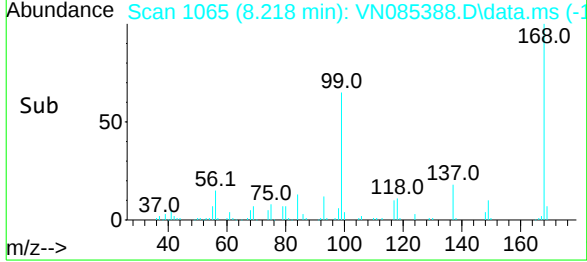
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



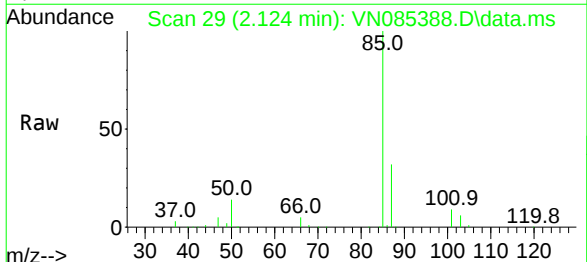
Tgt Ion:168 Resp: 156275
Ion Ratio Lower Upper
168 100
99 64.9 51.0 76.4

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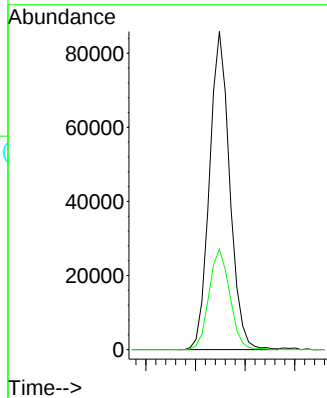
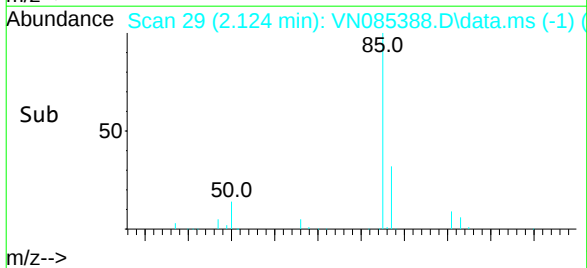
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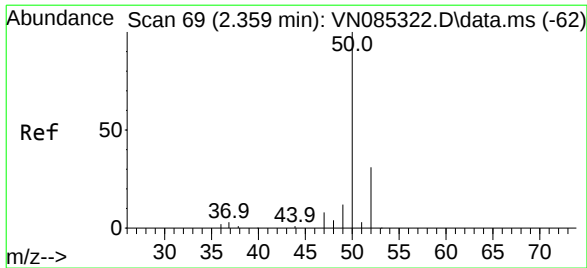


#2
Dichlorodifluoromethane
Concen: 57.463 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20



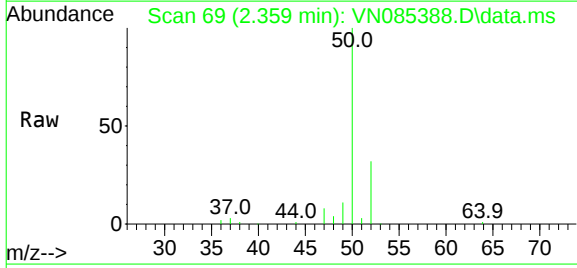
Tgt Ion: 85 Resp: 121449
Ion Ratio Lower Upper
85 100
87 31.6 16.8 50.3





#3
Chloromethane
Concen: 51.291 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

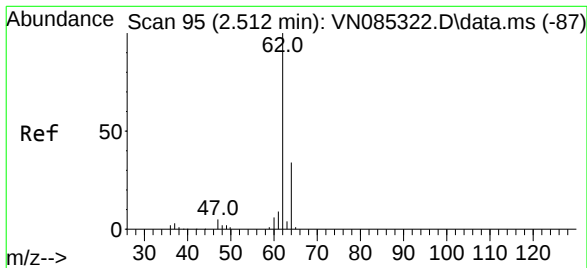
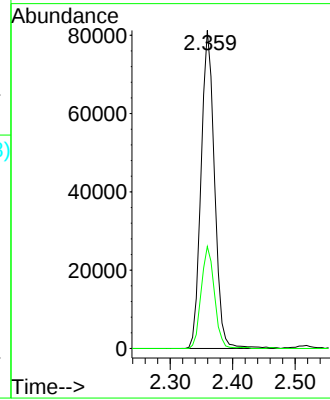
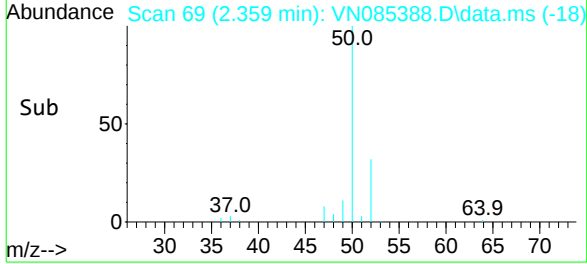
Instrument :
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Tgt Ion: 50 Resp: 121838
Ion Ratio Lower Upper
50 100
52 32.1 25.1 37.7

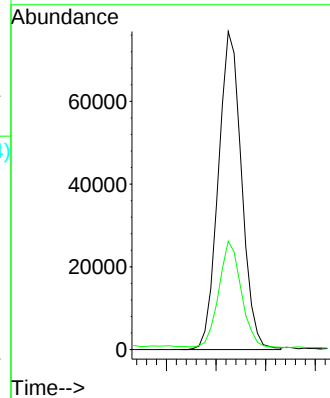
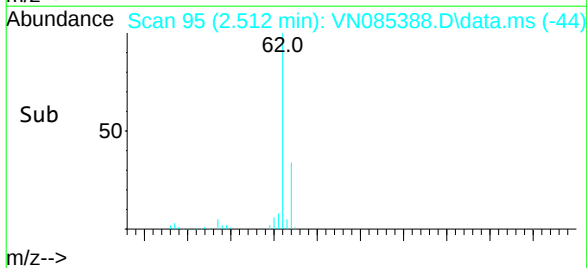
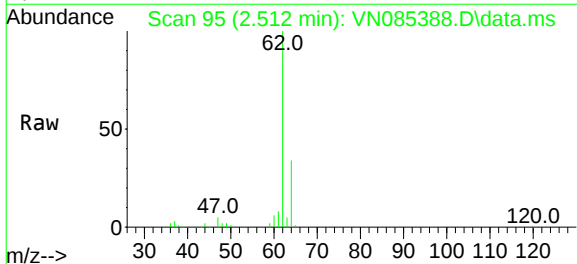
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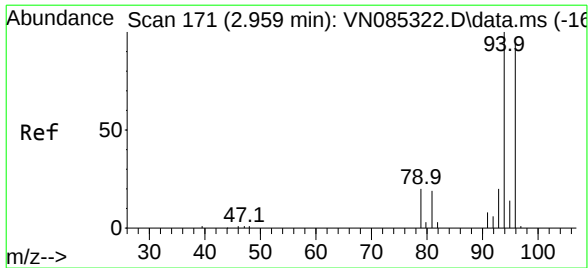
Reviewed By :John Carlone 01/07/2025
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#4
Vinyl Chloride
Concen: 49.910 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 62 Resp: 125383
Ion Ratio Lower Upper
62 100
64 33.3 27.0 40.6





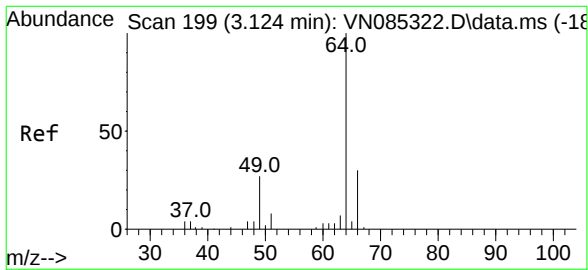
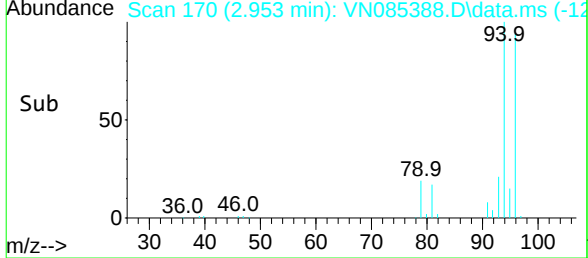
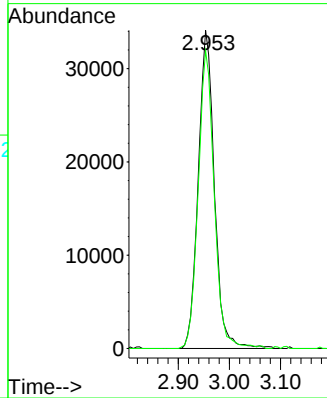
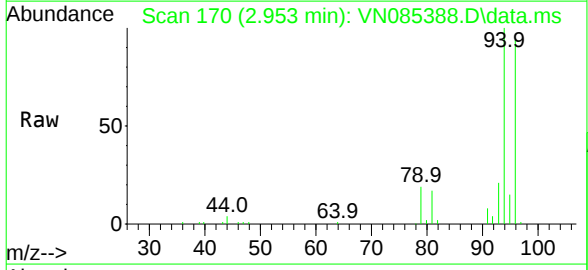
#5
Bromomethane
Concen: 45.481 ug/l
RT: 2.953 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085388.D
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Tgt Ion: 94 Resp: 74726
Ion Ratio Lower Upper
94 100
96 93.6 75.2 112.8

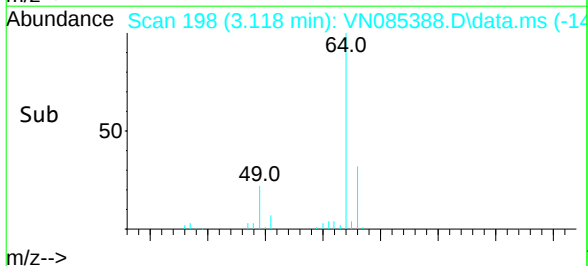
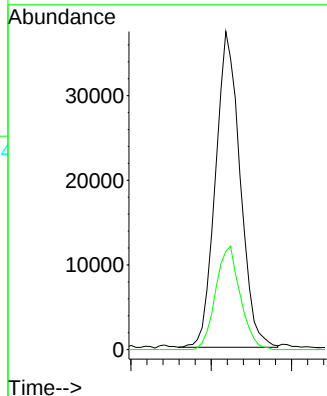
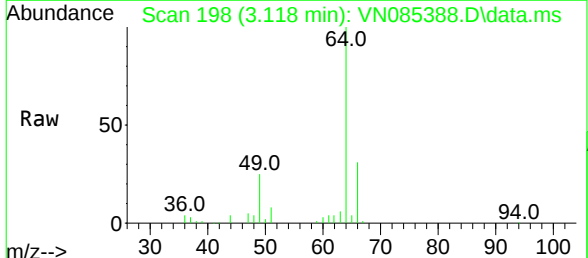
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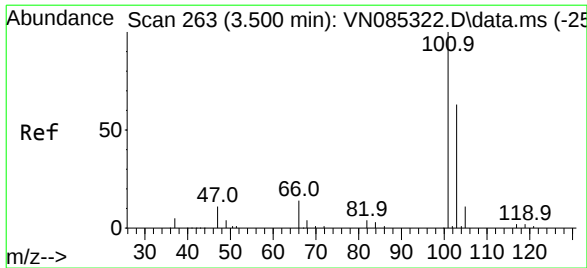
Reviewed By :John Carlone 01/07/2025
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#6
Chloroethane
Concen: 49.784 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

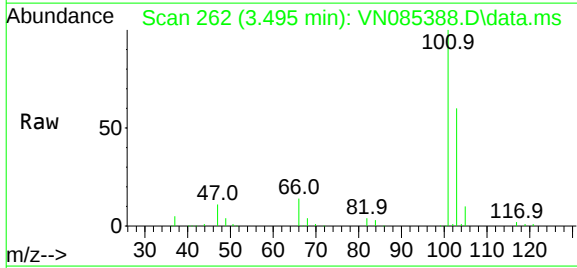
Tgt Ion: 64 Resp: 79316
Ion Ratio Lower Upper
64 100
66 31.1 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 53.860 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085388.D
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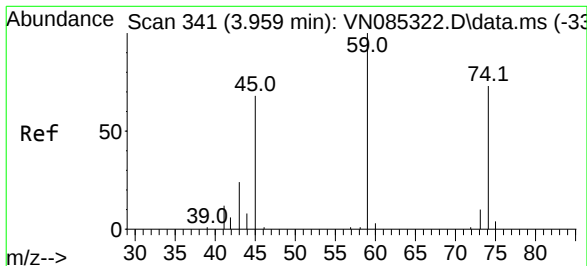
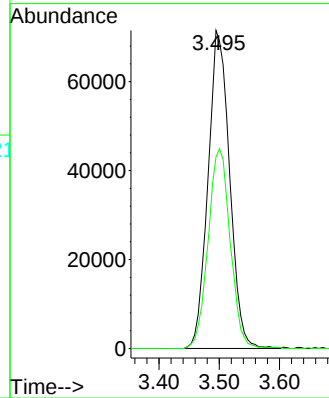
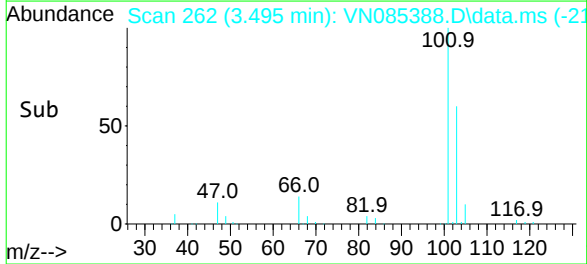
Instrument :
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 VSTDCCC050EC



Tgt Ion: 101 Resp: 177867
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.3 75.5

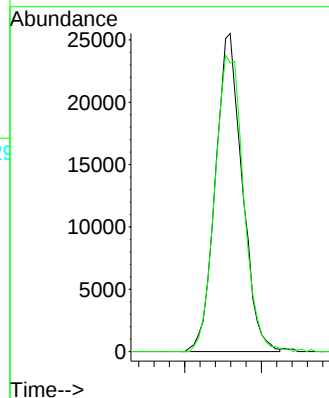
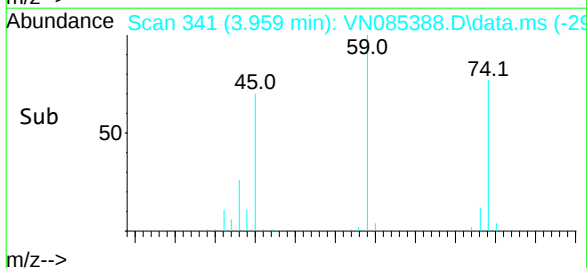
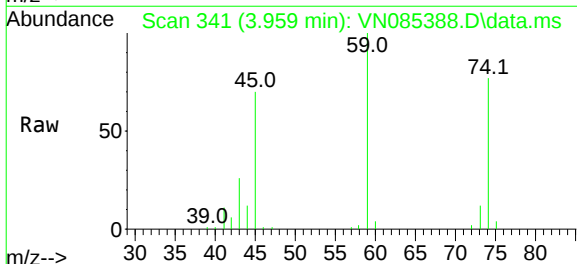
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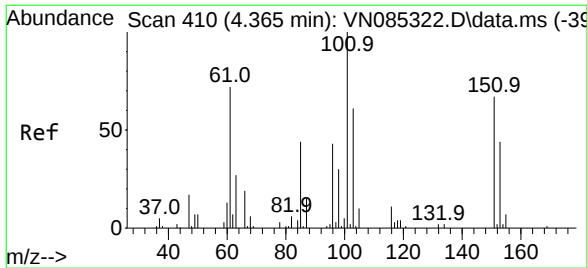
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#8
 Diethyl Ether
 Concen: 56.540 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085388.D
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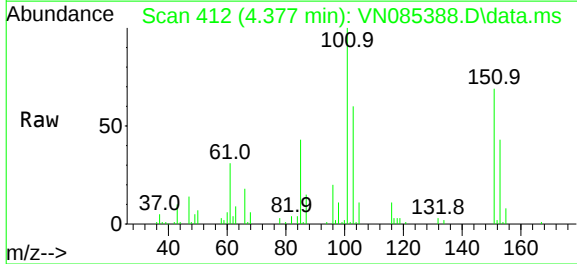
Tgt Ion: 74 Resp: 61824
 Ion Ratio Lower Upper
 74 100
 45 99.9 47.5 142.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.092 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085388.D
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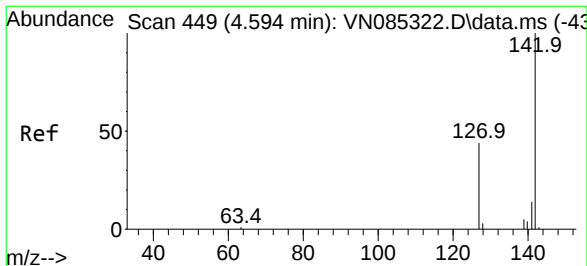
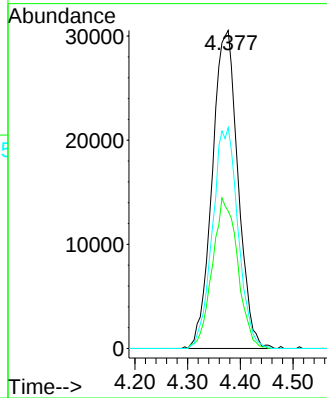
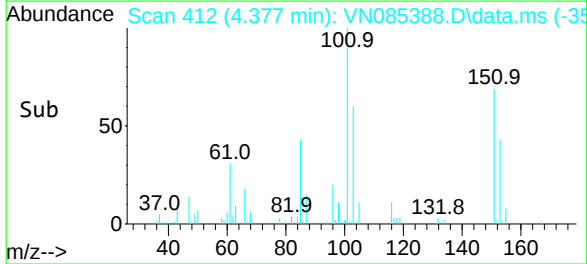
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



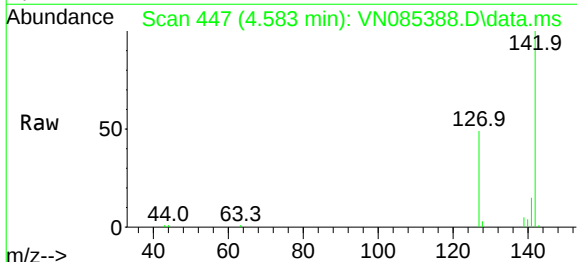
Tgt Ion:101 Resp: 103522
Ion Ratio Lower Upper
101 100
85 46.5 36.2 54.4
151 69.1 55.8 83.6

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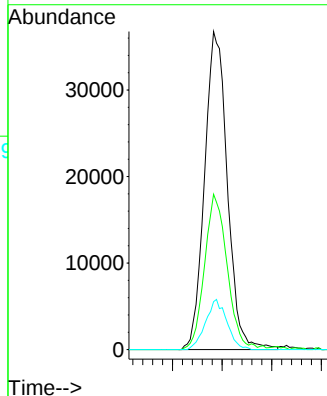
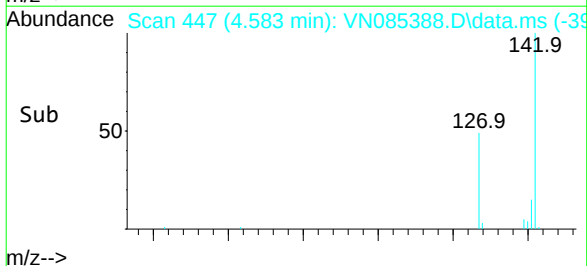
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025

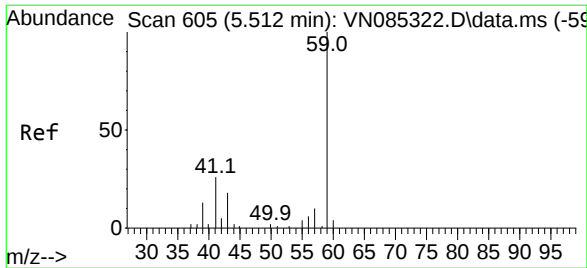


#10
Methyl Iodide
Concen: 53.957 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20



Tgt Ion:142 Resp: 117331
Ion Ratio Lower Upper
142 100
127 48.8 35.3 52.9
141 15.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 246.195 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 68715

Ion Ratio Lower Upper

59 100

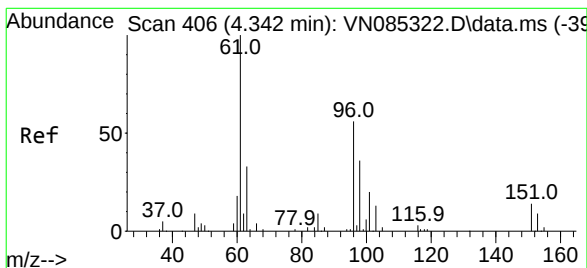
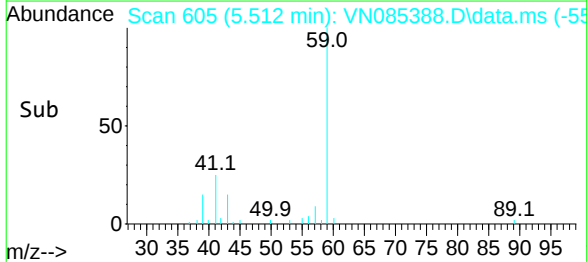
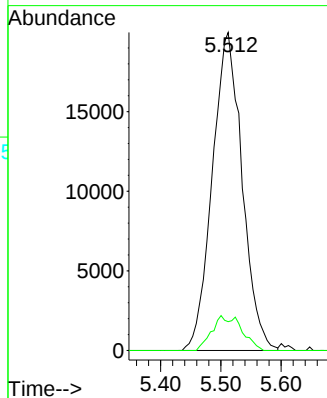
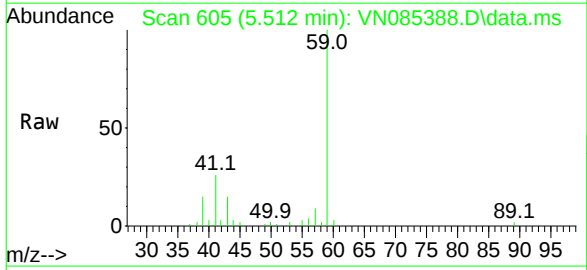
57 6.1 8.1 12.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#12

1,1-Dichloroethene

Concen: 54.632 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

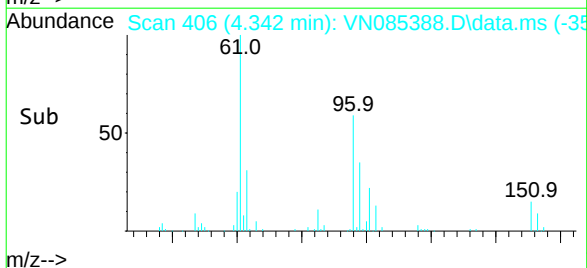
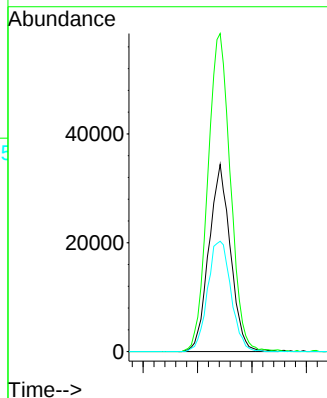
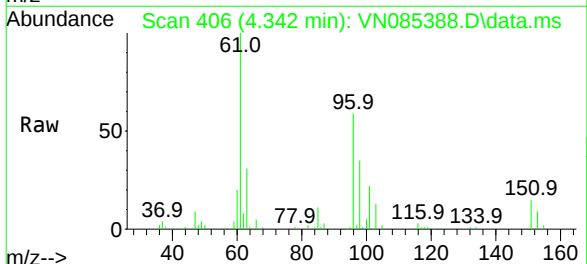
Tgt Ion: 96 Resp: 94874

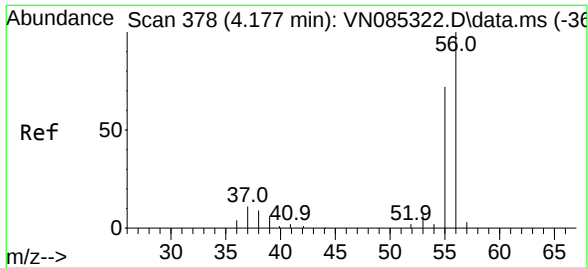
Ion Ratio Lower Upper

96 100

61 169.9 142.4 213.6

98 58.9 51.5 77.3





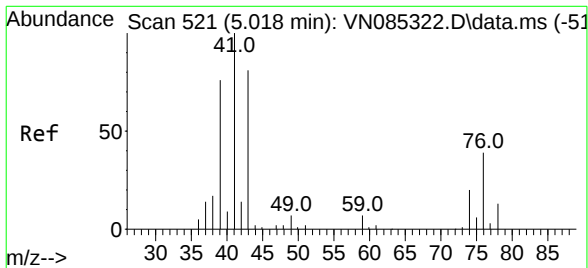
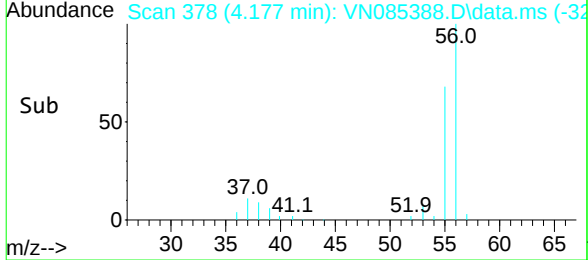
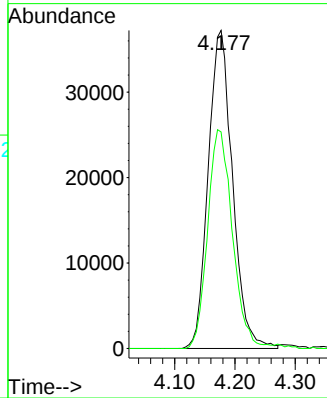
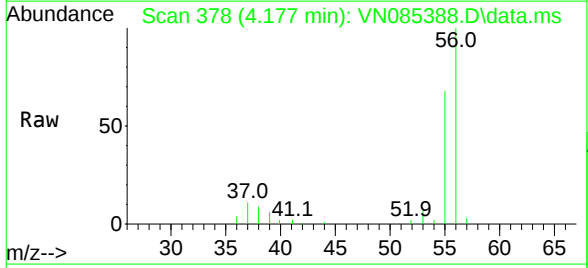
#13
Acrolein
Concen: 239.611 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 104266
Ion Ratio Lower Upper
56 100
55 70.3 57.5 86.3

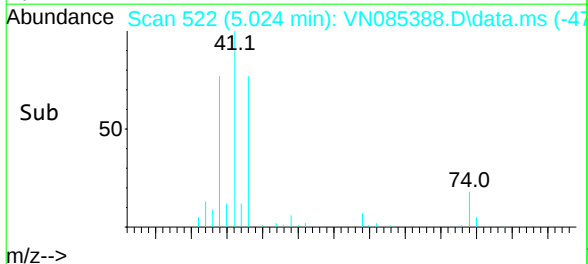
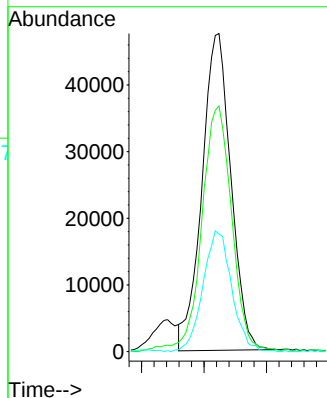
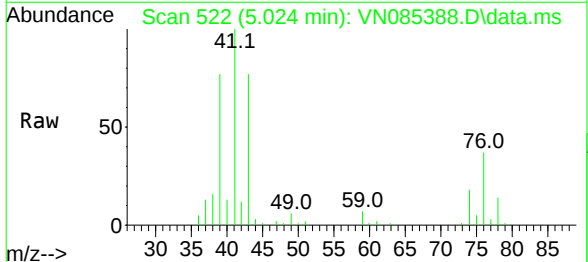
Manual Integrations
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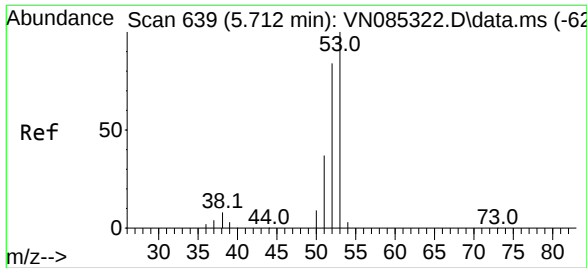
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#14
Allyl chloride
Concen: 54.947 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 41 Resp: 152719
Ion Ratio Lower Upper
41 100
39 80.6 64.4 96.6
76 37.9 31.5 47.3





#15

Acrylonitrile

Concen: 279.848 ug/l

RT: 5.712 min Scan# 639

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

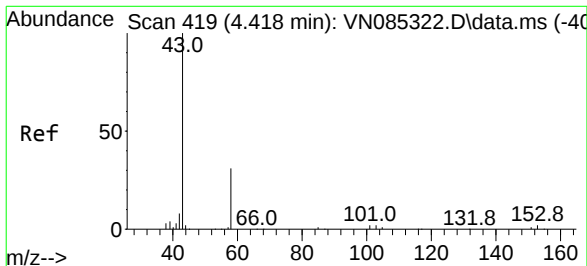
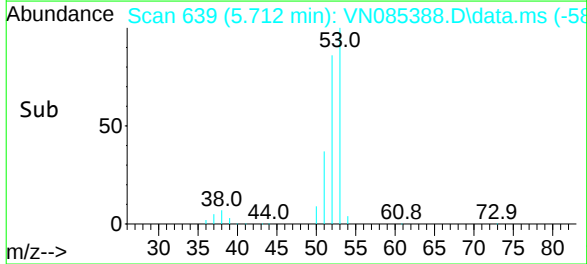
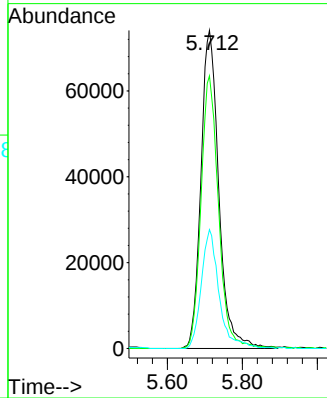
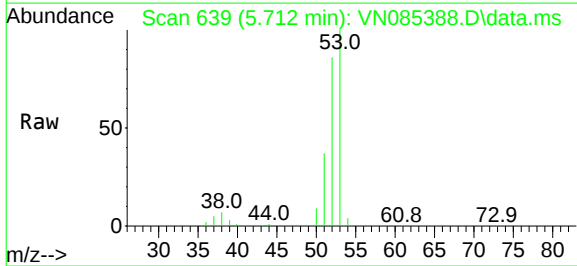
Tgt Ion:	53	Resp:	245834
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.6	100.0
51	37.1	29.6	44.4

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Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#16

Acetone

Concen: 273.705 ug/l

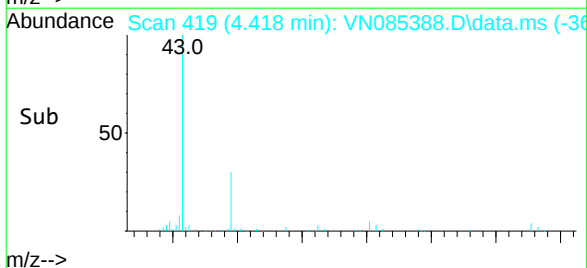
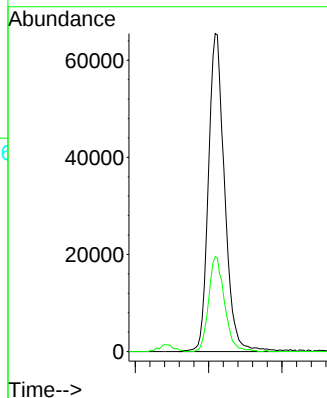
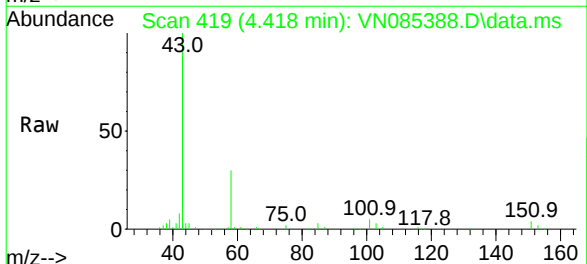
RT: 4.418 min Scan# 419

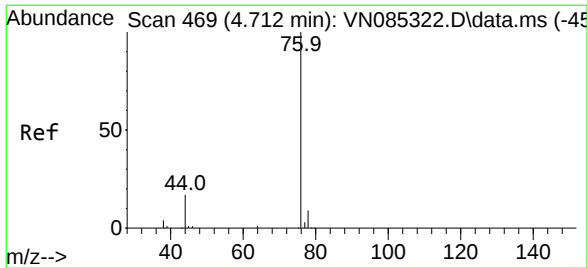
Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

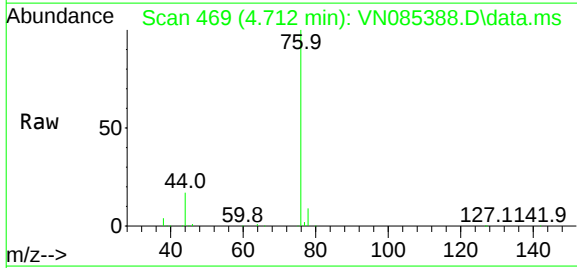
Tgt Ion:	43	Resp:	200607
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.5	36.7





#17
Carbon Disulfide
Concen: 54.505 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

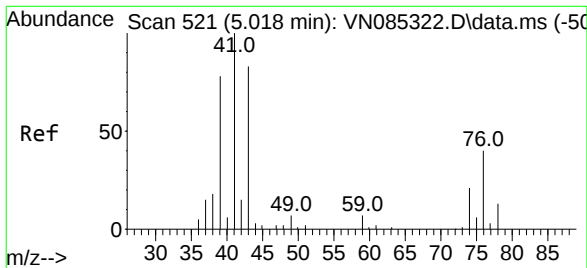
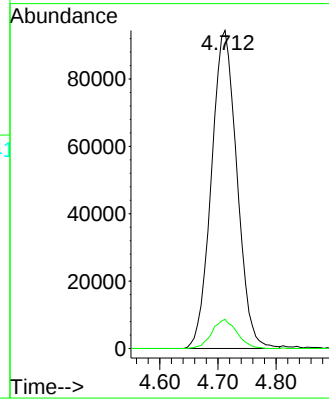
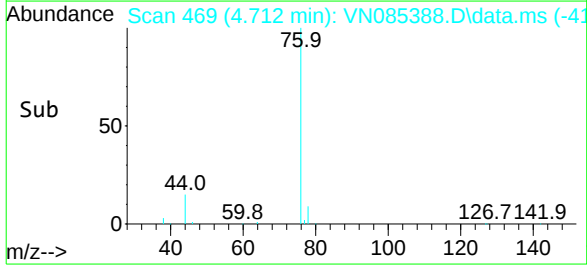
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 287958
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

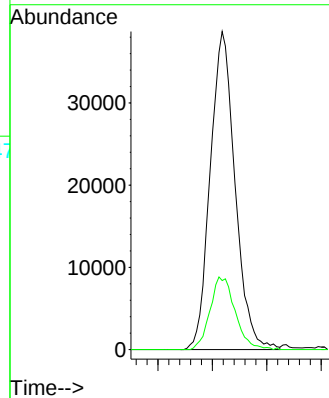
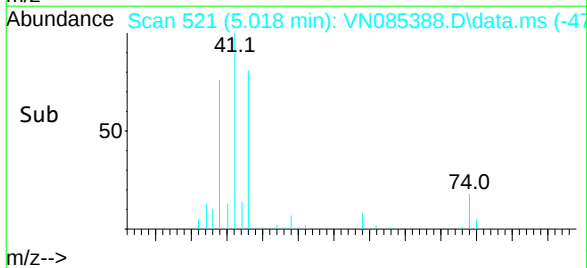
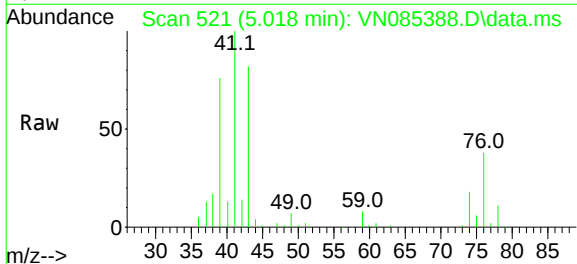
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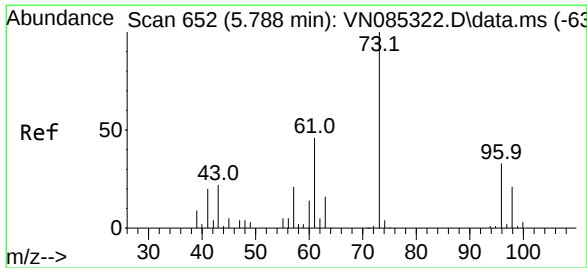
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#18
Methyl Acetate
Concen: 54.683 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 43 Resp: 122704
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 56.204 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 317251

Ion Ratio Lower Upper

73 100

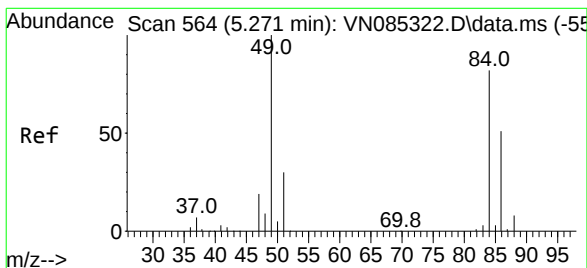
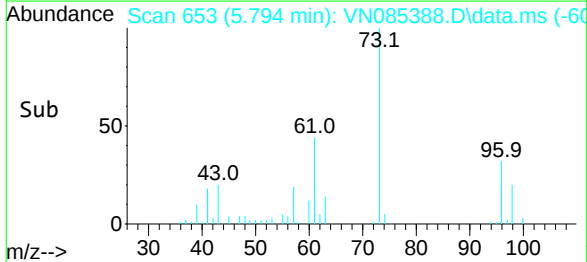
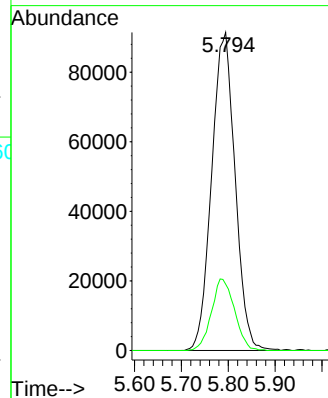
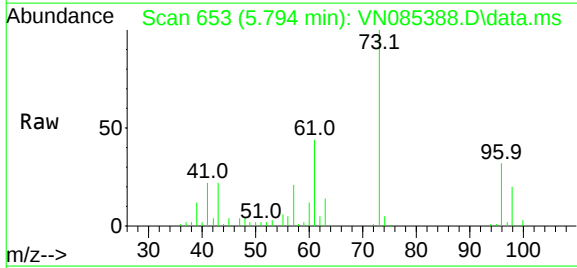
57 20.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#20

Methylene Chloride

Concen: 54.964 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Tgt Ion: 84 Resp: 108356

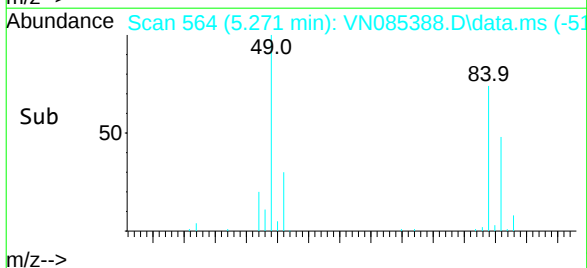
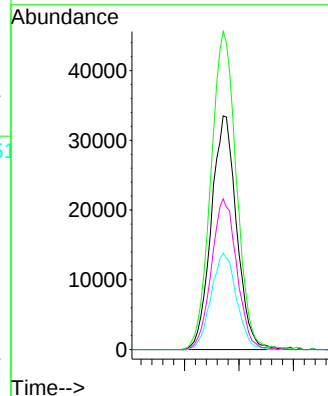
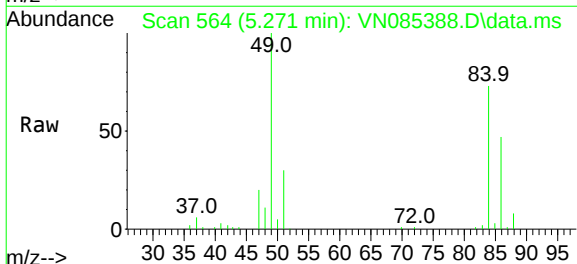
Ion Ratio Lower Upper

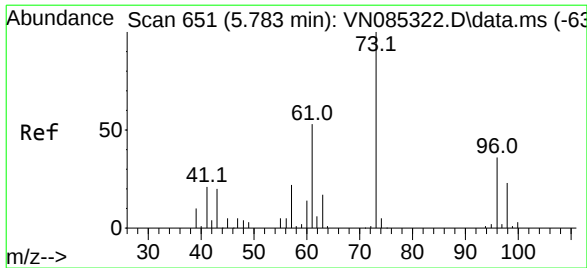
84 100

49 136.2 97.6 146.4

51 41.2 29.1 43.7

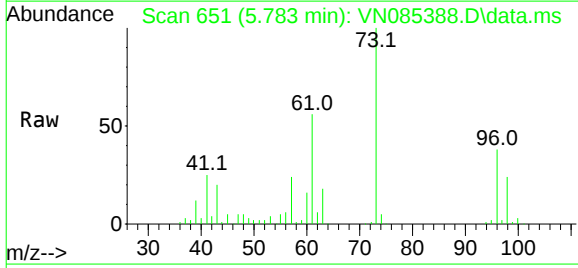
86 64.5 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 56.529 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

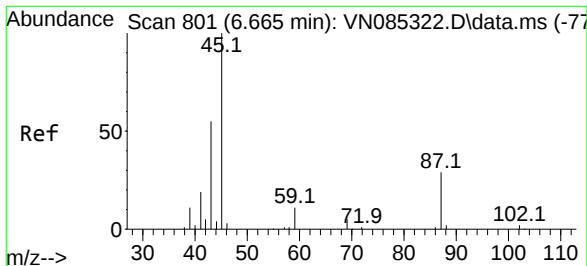
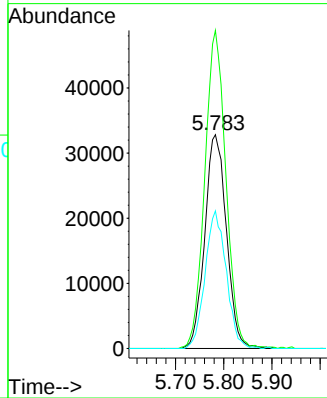
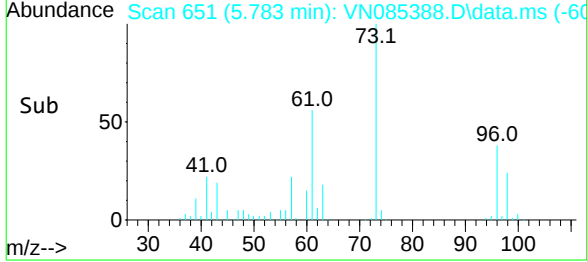
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



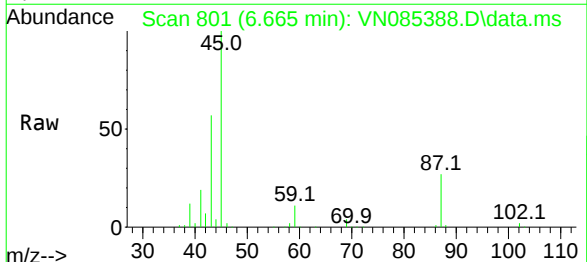
Tgt Ion: 96 Resp: 102549
Ion Ratio Lower Upper
96 100
61 148.8 118.0 177.0
98 64.4 50.6 75.8

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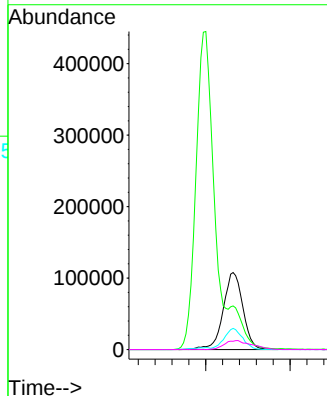
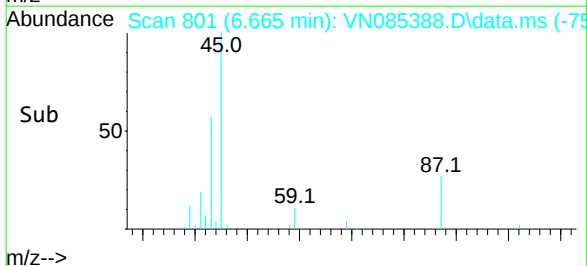
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025

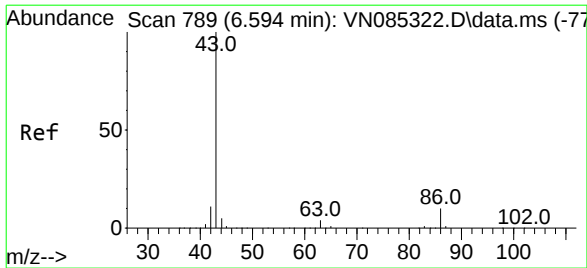


#22
Diisopropyl ether
Concen: 58.399 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20



Tgt Ion: 45 Resp: 349772
Ion Ratio Lower Upper
45 100
43 55.7 44.1 66.1
87 27.5 23.2 34.8
59 10.6 9.0 13.6





#23

Vinyl Acetate

Concen: 301.545 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1306539

Ion Ratio Lower Upper

43 100

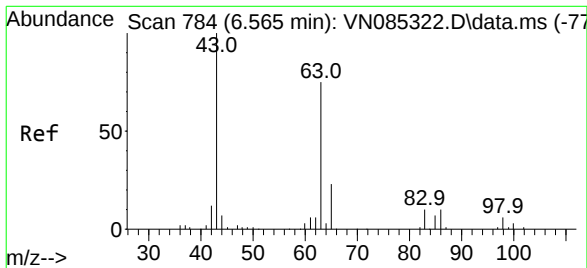
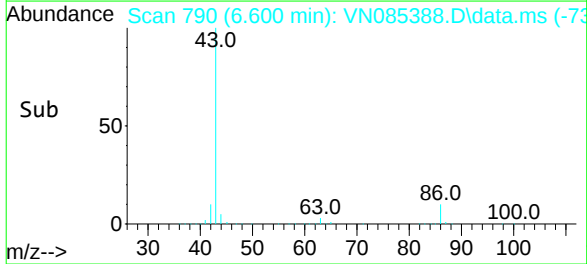
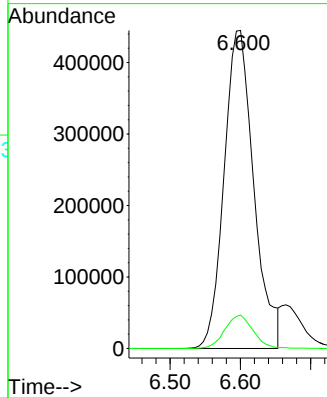
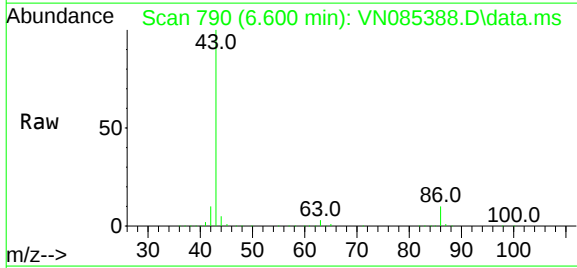
86 10.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#24

1,1-Dichloroethane

Concen: 55.518 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

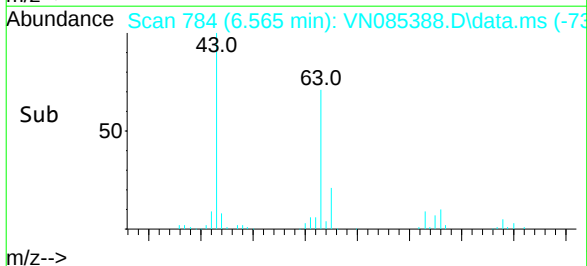
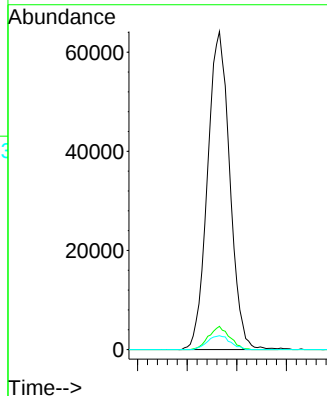
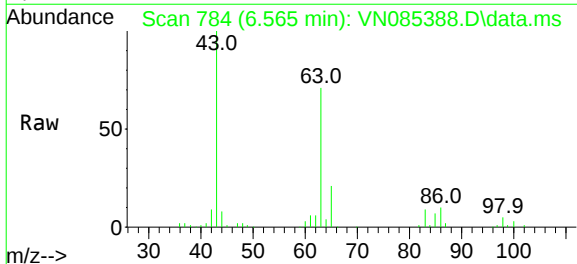
Tgt Ion: 63 Resp: 200302

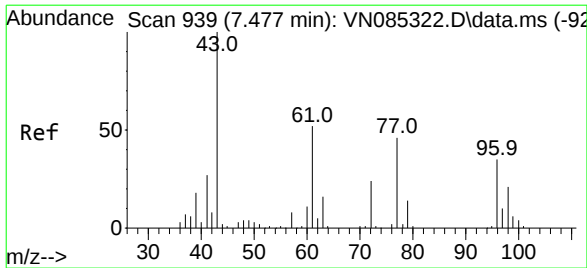
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.4 2.3 6.8





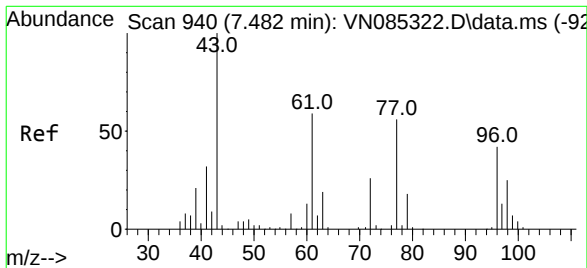
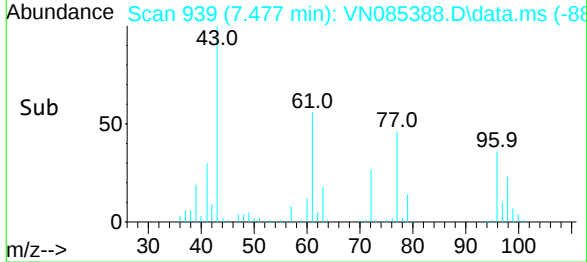
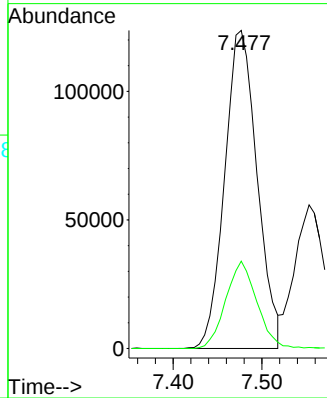
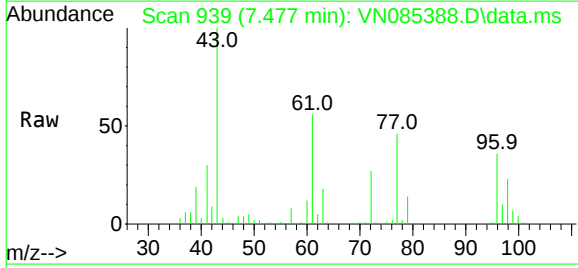
#25
2-Butanone
Concen: 276.421 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 314309
Ion Ratio Lower Upper
43 100
72 27.5 19.6 29.4

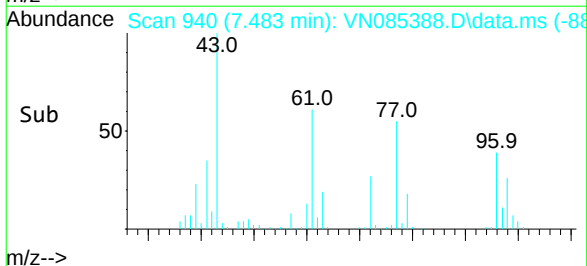
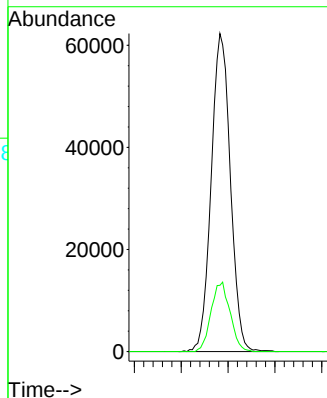
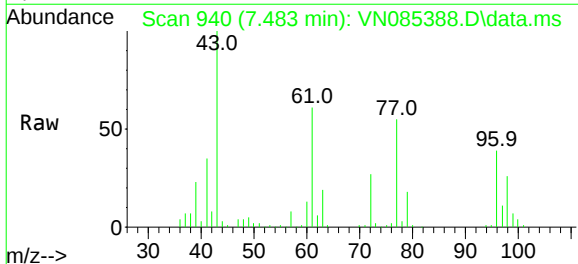
Manual Integrations
APPROVED

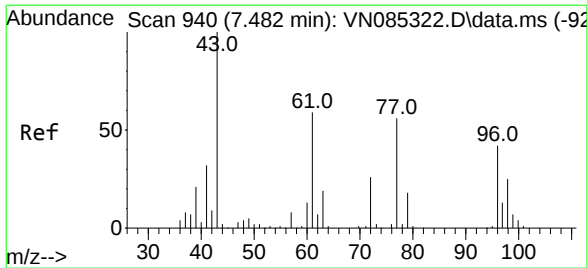
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#26
2,2-Dichloropropane
Concen: 56.018 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

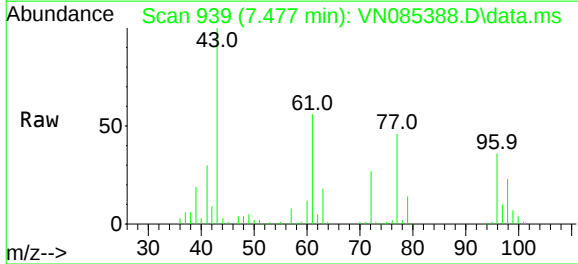
Tgt Ion: 77 Resp: 177069
Ion Ratio Lower Upper
77 100
97 21.7 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 56.049 ug/l
 RT: 7.477 min Scan# 93
 Delta R.T. -0.006 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

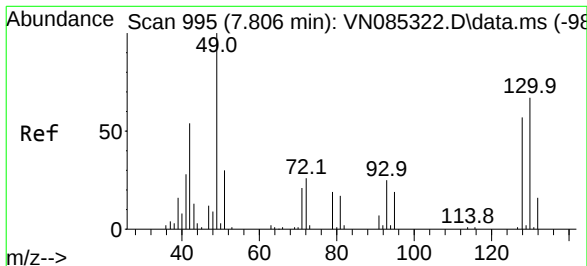
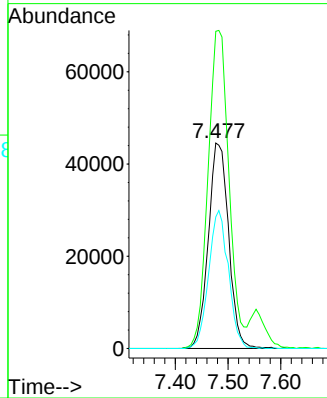
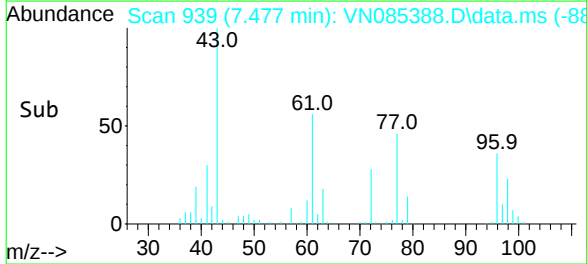
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 119340
 Ion Ratio Lower Upper
 96 100
 61 159.7 0.0 296.4
 98 65.4 0.0 124.2

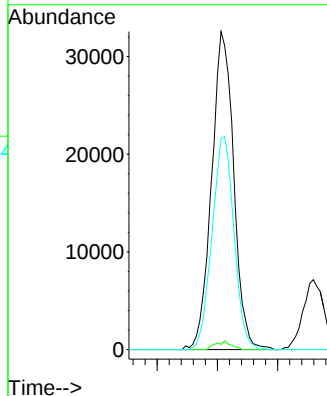
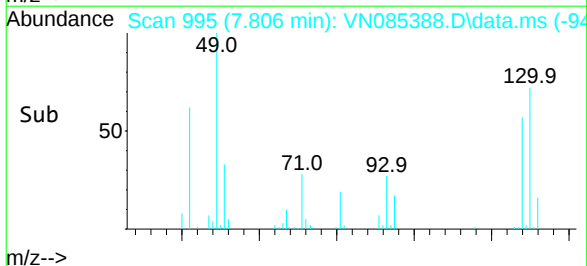
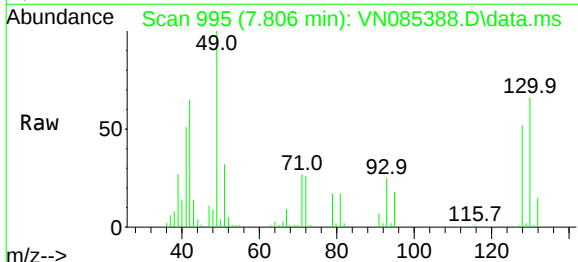
Manual Integrations
 APPROVED

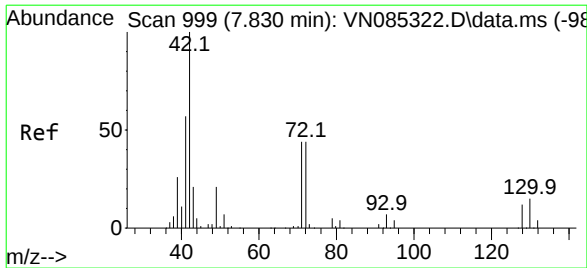
Reviewed By :John Carlone 01/07/2025
 Supervised By :Mahesh Dadoda 01/07/2025



#28
 Bromochloromethane
 Concen: 49.520 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Tgt Ion: 49 Resp: 83028
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 2.0
 130 66.4 0.0 0.0#





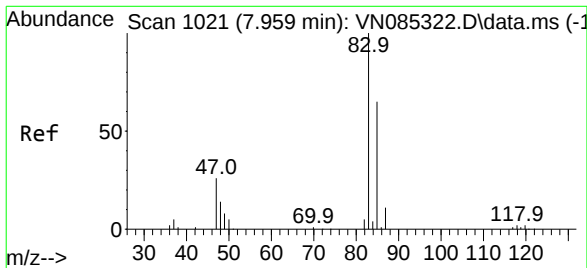
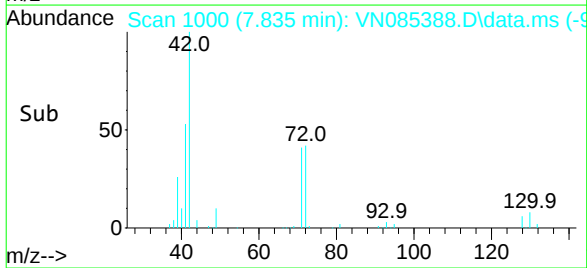
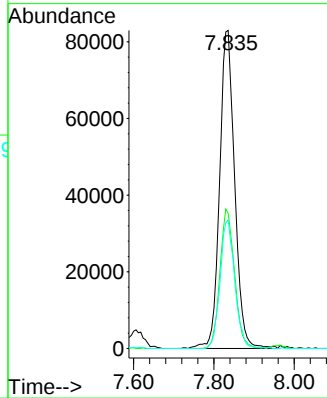
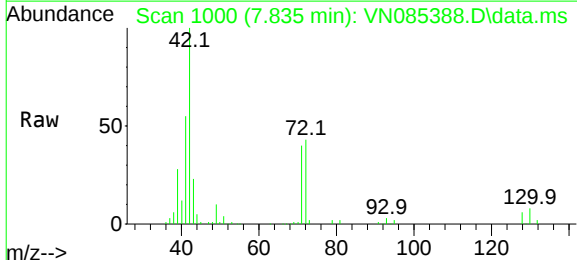
#29
Tetrahydrofuran
Concen: 295.147 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 216178
Ion Ratio Lower Upper
42 100
72 42.5 35.1 52.7
71 39.2 33.4 50.0

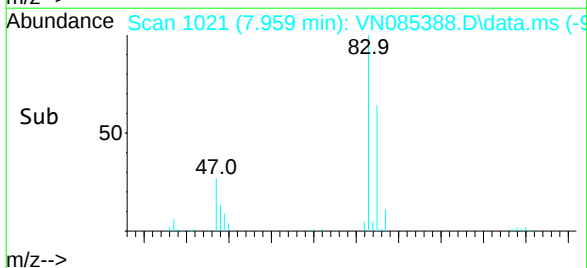
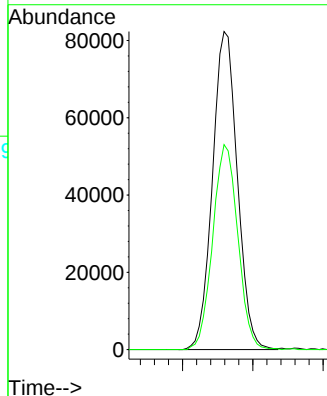
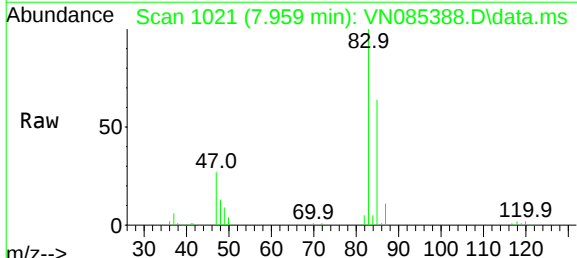
Manual Integrations
APPROVED

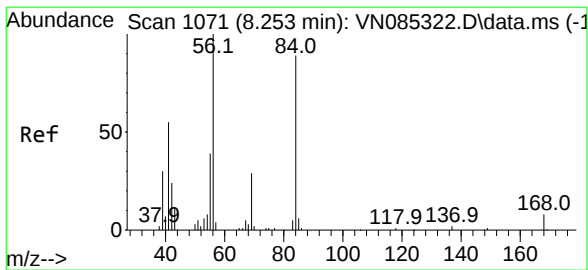
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#30
Chloroform
Concen: 54.919 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

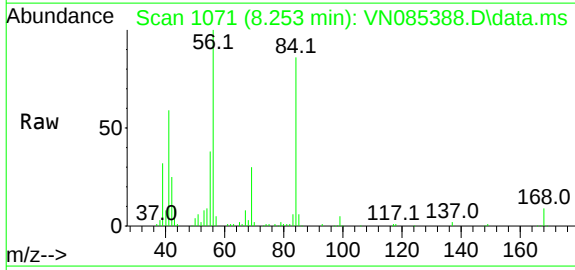
Tgt Ion: 83 Resp: 202707
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0





#31
Cyclohexane
Concen: 54.008 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

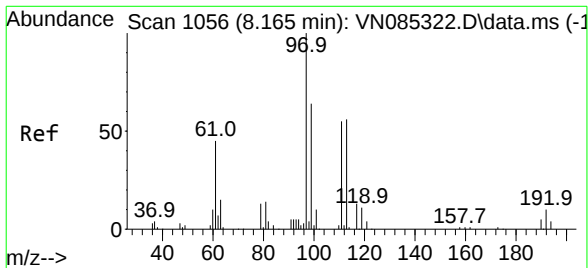
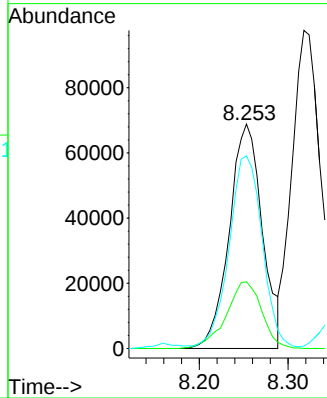
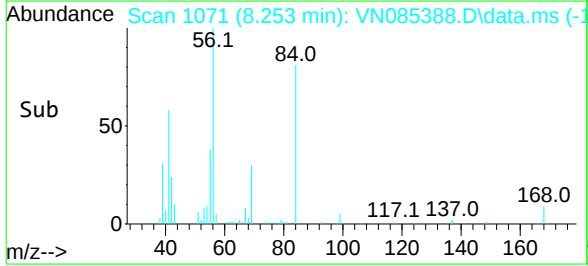
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 177930
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.0
84 84.4 71.0 106.6

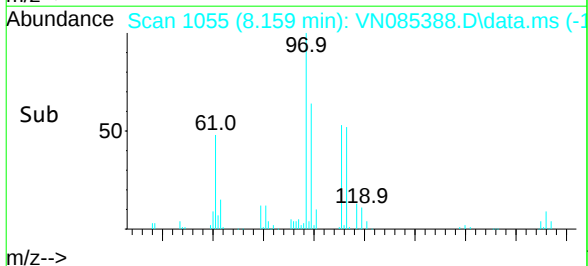
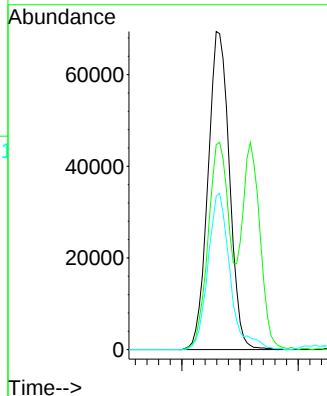
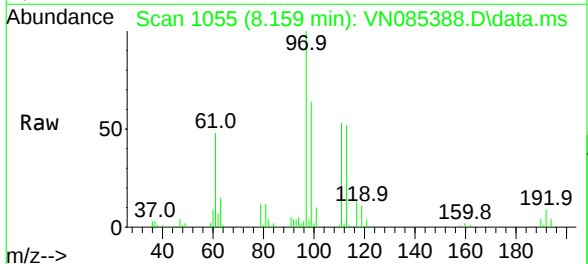
Manual Integrations
APPROVED

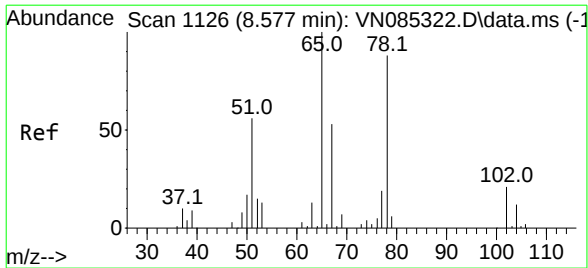
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#32
1,1,1-Trichloroethane
Concen: 53.972 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

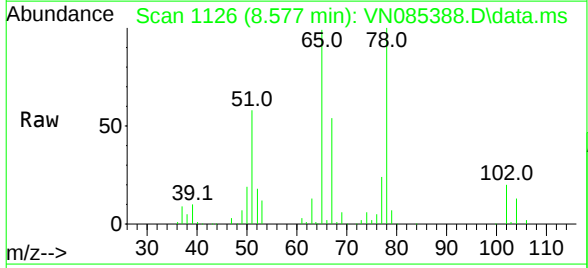
Tgt Ion: 97 Resp: 177914
Ion Ratio Lower Upper
97 100
99 66.6 53.3 79.9
61 50.7 39.6 59.4





#33
1,2-Dichloroethane-d4
Concen: 49.977 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

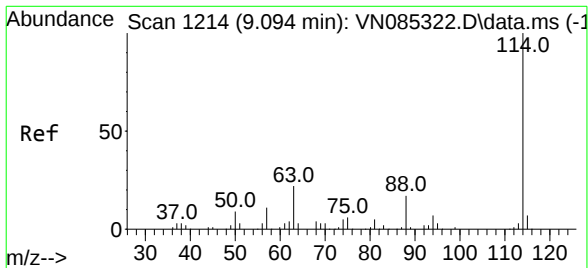
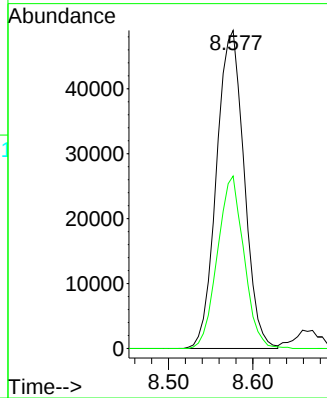
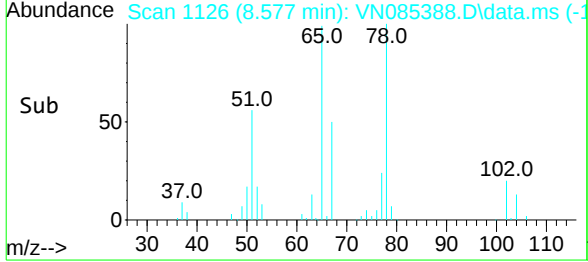
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



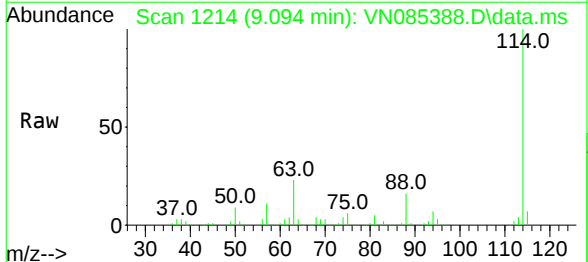
Tgt Ion: 65 Resp: 111395
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

Manual Integrations
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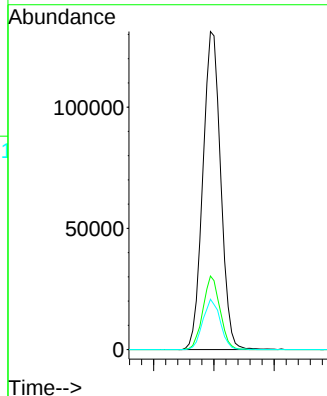
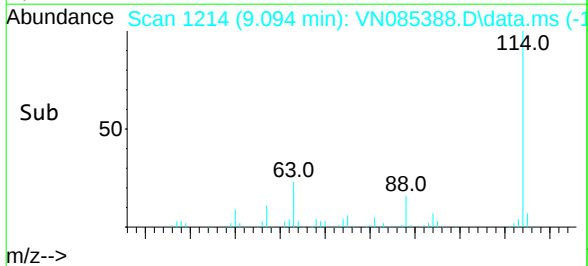
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025

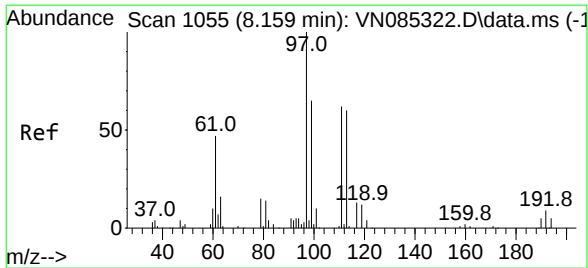


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20



Tgt Ion:114 Resp: 270000
Ion Ratio Lower Upper
114 100
63 23.1 0.0 43.4
88 15.8 0.0 33.6





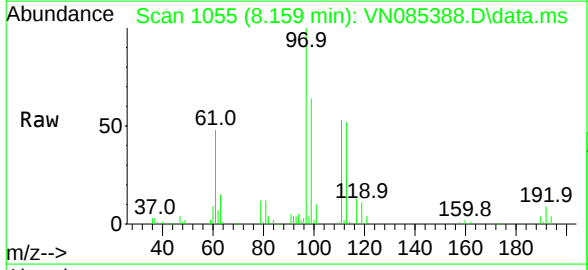
#35
 Dibromofluoromethane
 Concen: 51.256 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



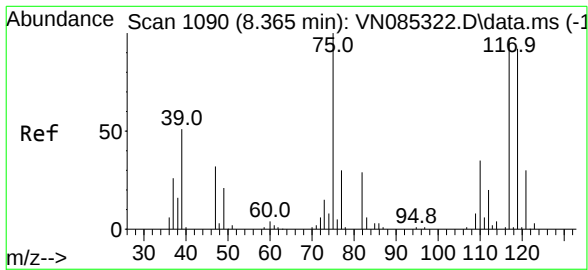
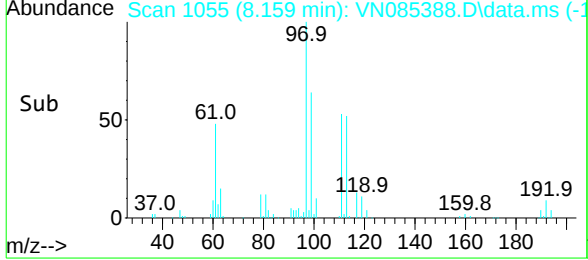
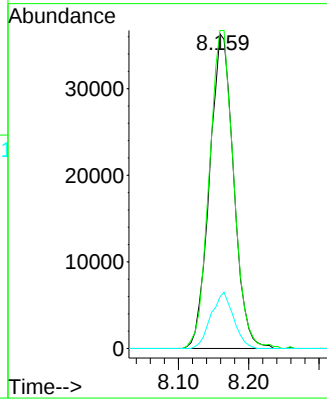
Tgt Ion:	113	Resp:	86336
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	16.7	12.9	19.3

Manual Integrations

APPROVED

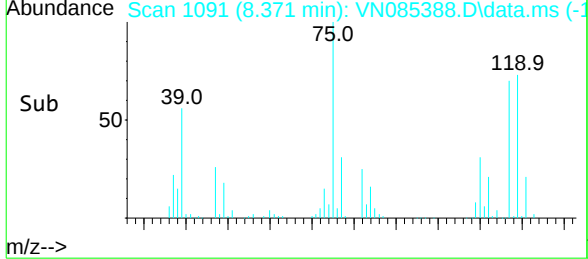
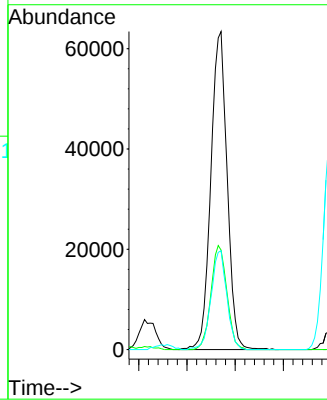
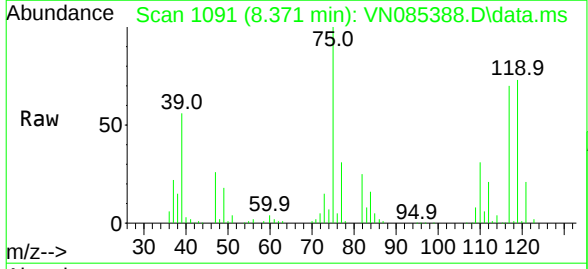
Reviewed By :John Carlone 01/07/2025

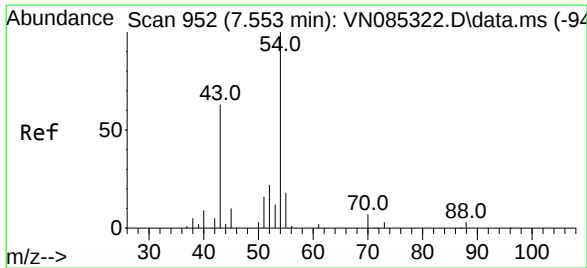
Supervised By :Mahesh Dadoda 01/07/2025



#36
 1,1-Dichloropropene
 Concen: 60.508 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Tgt Ion:	75	Resp:	149226
Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.6	49.8
77	30.0	24.3	36.5





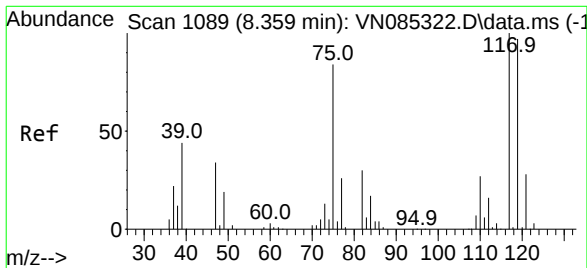
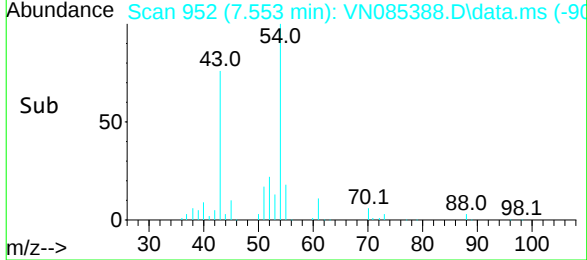
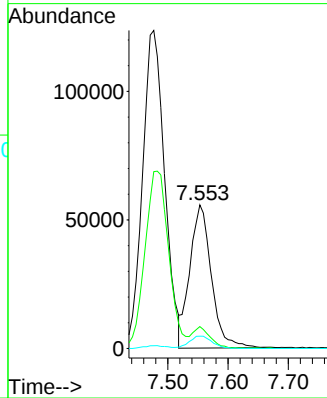
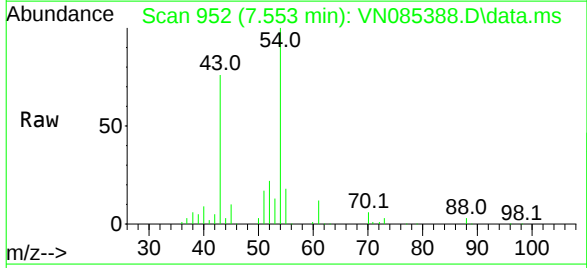
#37
Ethyl Acetate
Concen: 56.589 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	138718
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.4	15.6
70	9.1	8.2	12.2

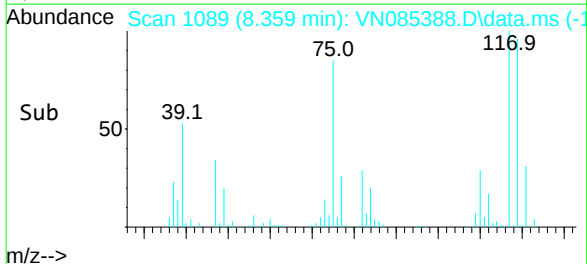
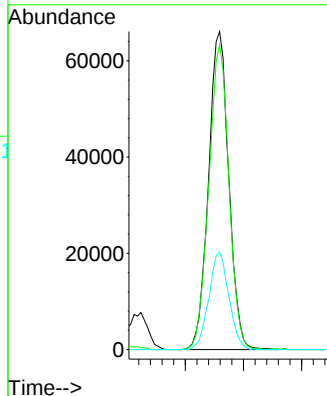
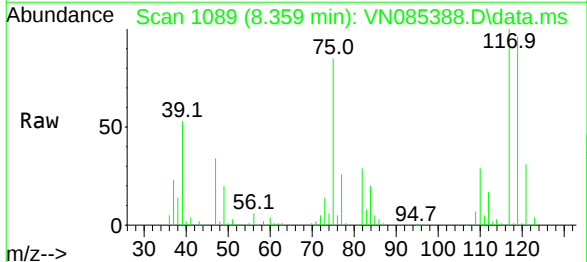
Manual Integrations
APPROVED

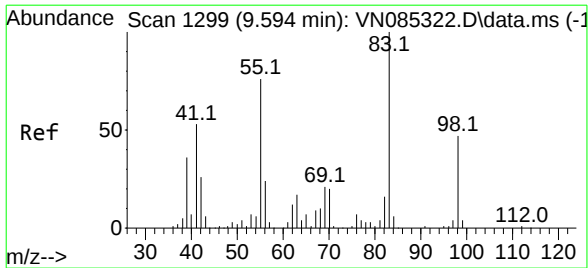
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#38
Carbon Tetrachloride
Concen: 59.284 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

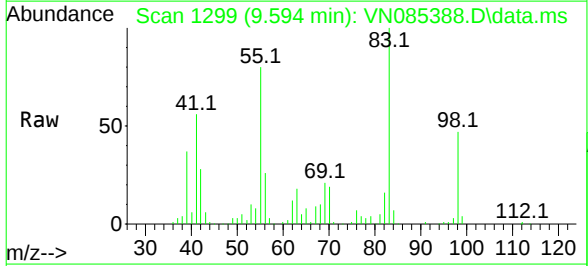
Tgt Ion:	117	Resp:	159367
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.6
121	30.7	22.5	33.7





#39
Methylcyclohexane
Concen: 62.848 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

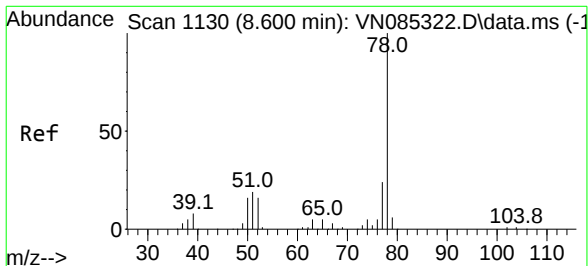
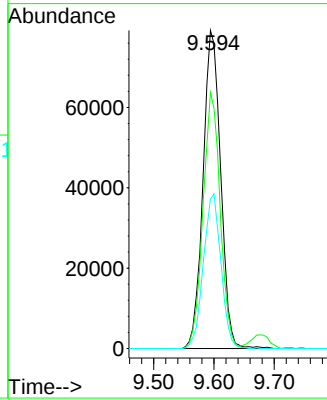
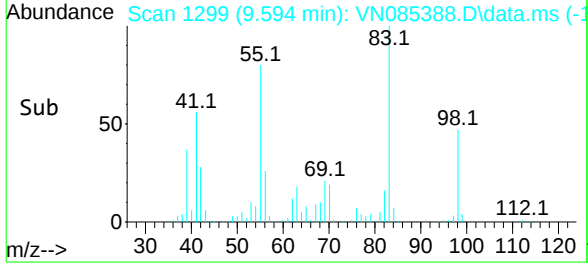
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



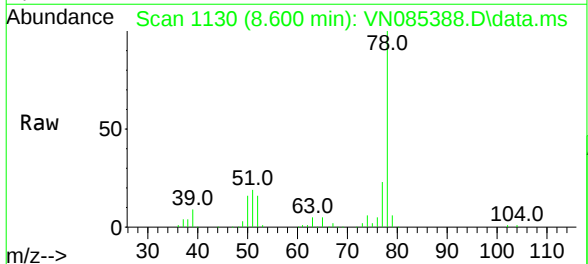
Tgt Ion: 83 Resp: 160817
Ion Ratio Lower Upper
83 100
55 80.5 60.7 91.1
98 47.1 37.7 56.5

Manual Integrations
APPROVED

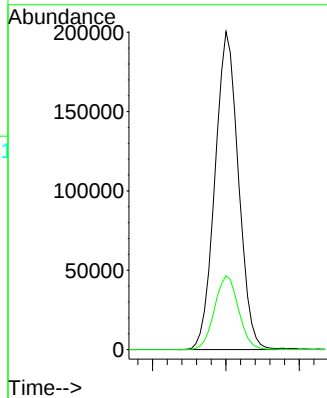
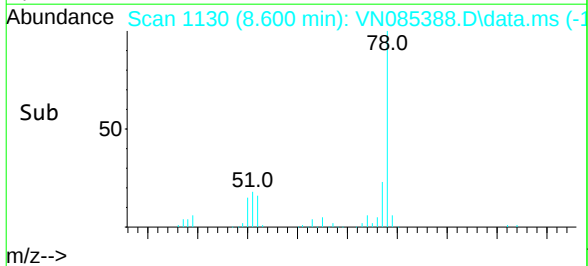
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025

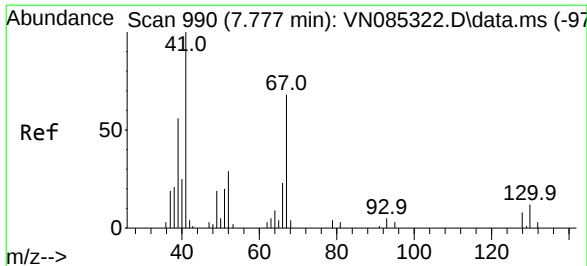


#40
Benzene
Concen: 59.693 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20



Tgt Ion: 78 Resp: 445104
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





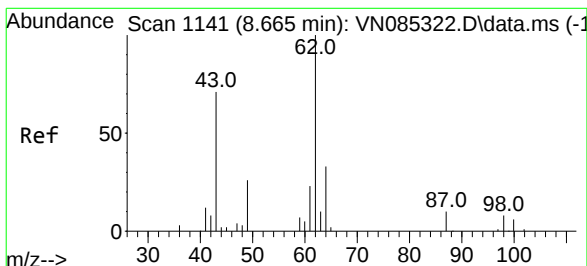
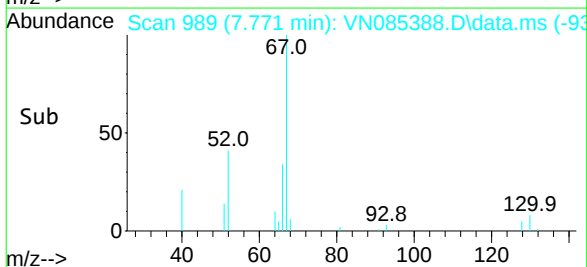
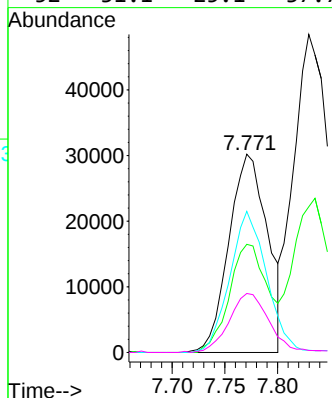
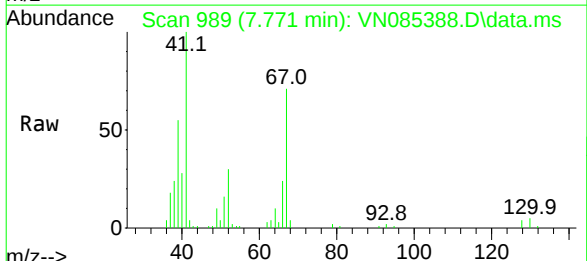
#41
Methacrylonitrile
Concen: 61.351 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	77021
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.8	68.8
67	68.6	57.1	85.7
52	31.1	25.1	37.7

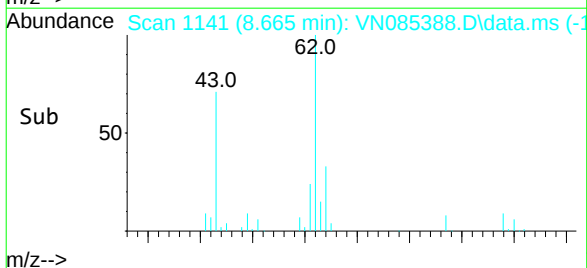
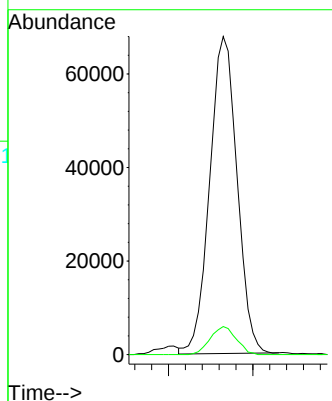
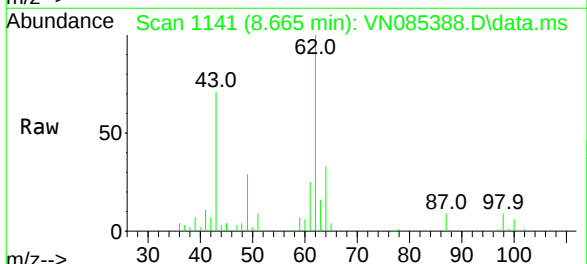
Manual Integrations
APPROVED

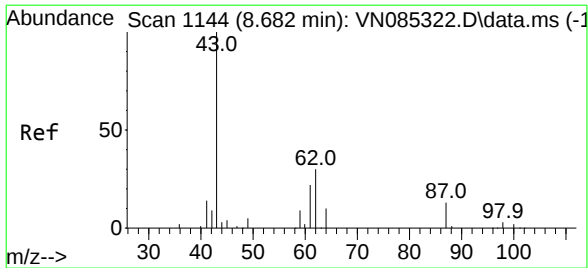
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#42
1,2-Dichloroethane
Concen: 57.128 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:	62	Resp:	152726
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





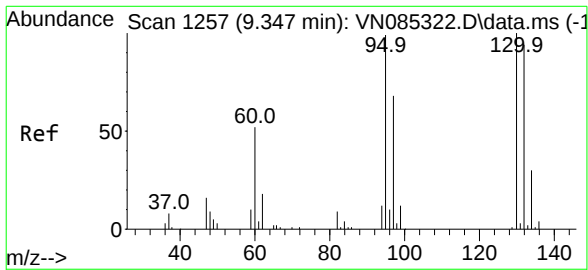
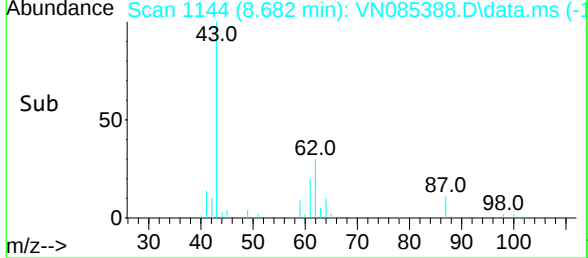
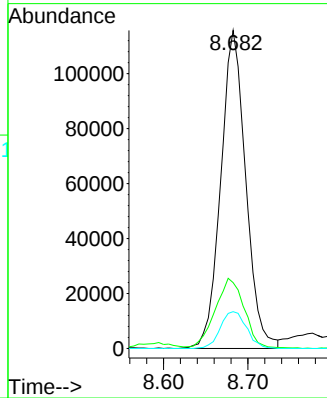
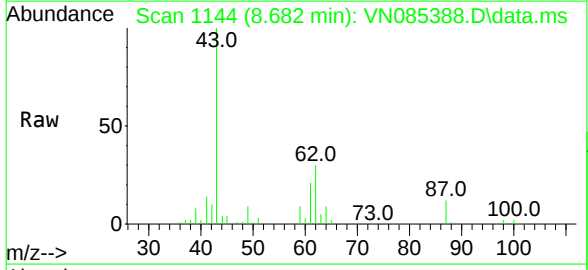
#43
Isopropyl Acetate
Concen: 59.126 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Tgt Ion:	43	Resp:	238649
Ion	Ratio	Lower	Upper
43	100		
61	25.9	20.8	31.2
87	12.1	10.2	15.4

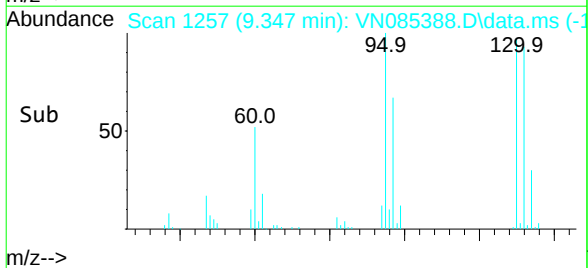
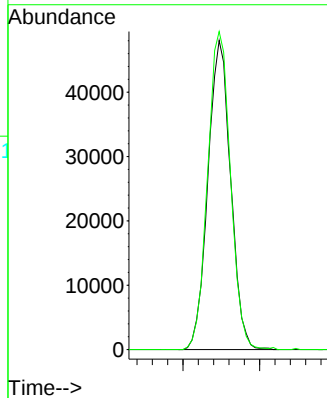
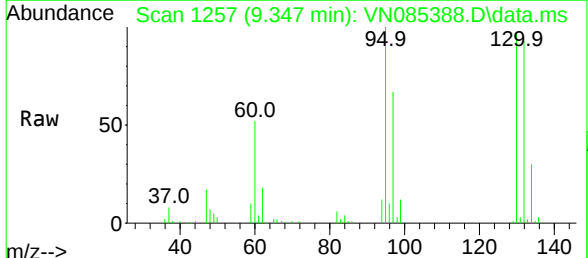
Manual Integrations
APPROVED

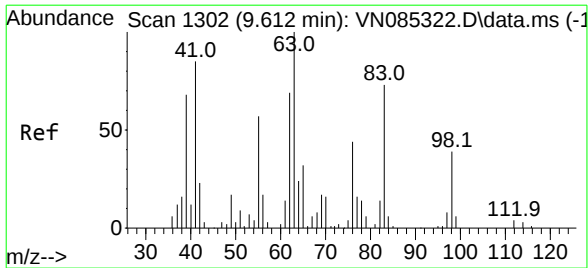
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#44
Trichloroethene
Concen: 55.960 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:	130	Resp:	98790
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	197.8





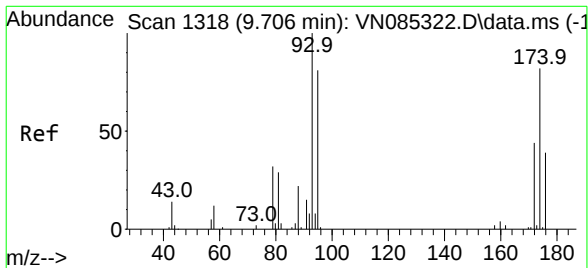
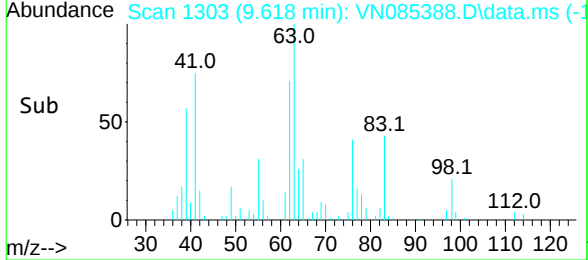
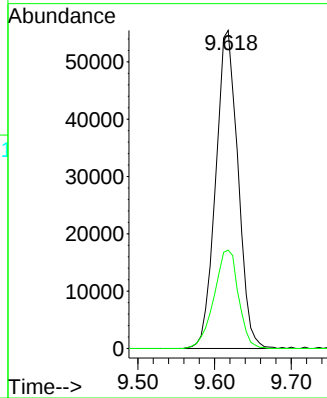
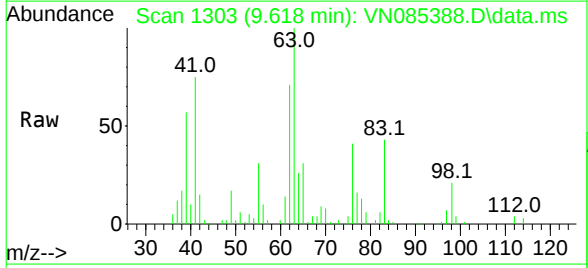
#45
1,2-Dichloropropane
Concen: 59.228 ug/l
RT: 9.618 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 112111
Ion Ratio Lower Upper
63 100
65 30.9 25.5 38.3

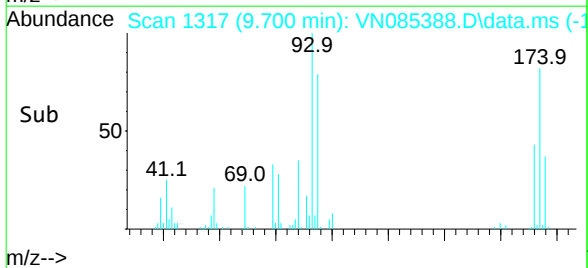
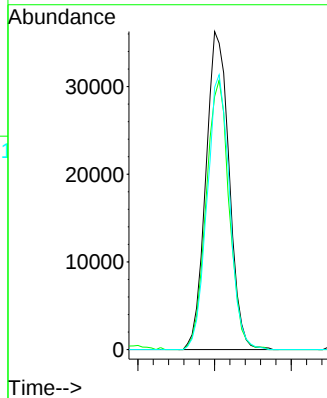
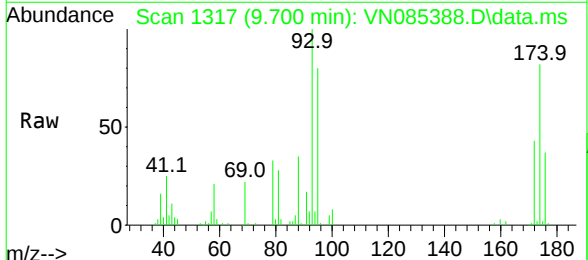
Manual Integrations
APPROVED

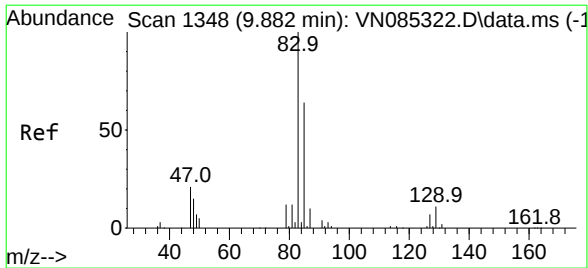
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#46
Dibromomethane
Concen: 58.064 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 93 Resp: 76438
Ion Ratio Lower Upper
93 100
95 83.7 65.3 97.9
174 83.4 66.4 99.6





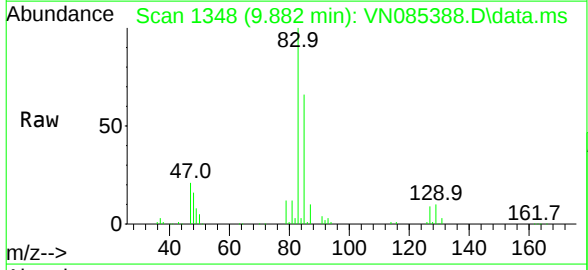
#47
 Bromodichloromethane
 Concen: 58.974 ug/l
 RT: 9.882 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

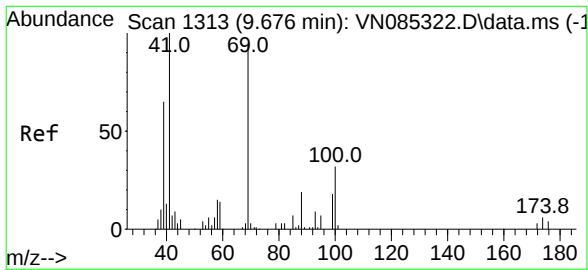
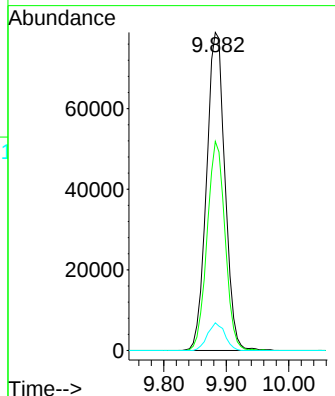
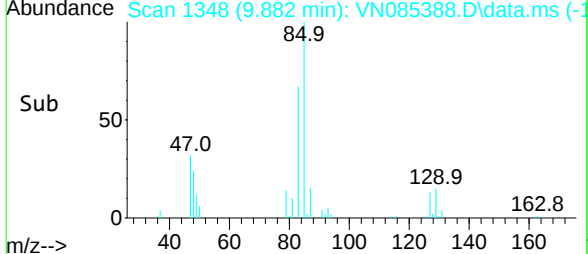
VSTDCCC050EC



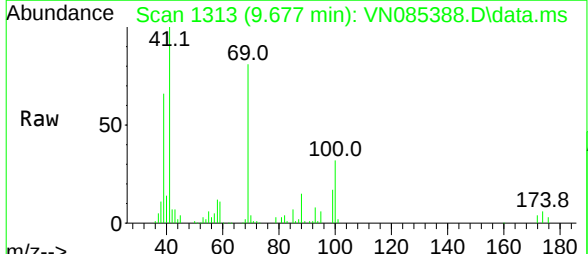
Tgt Ion:	83	Resp:	161362
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.4
127	8.7	5.8	8.6

Manual Integrations
 APPROVED

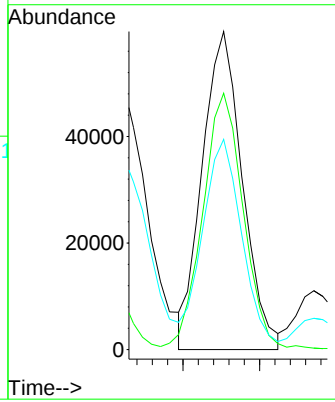
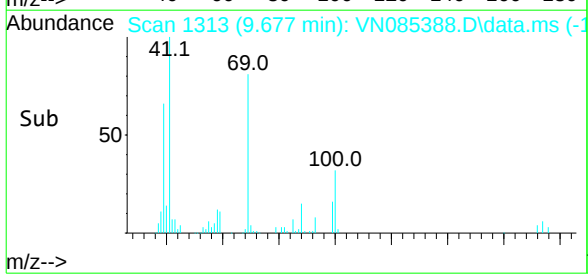
Reviewed By :John Carlone 01/07/2025
 Supervised By :Mahesh Dadoda 01/07/2025

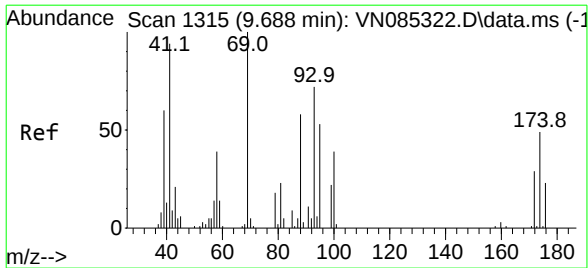


#48
 Methyl methacrylate
 Concen: 61.925 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20



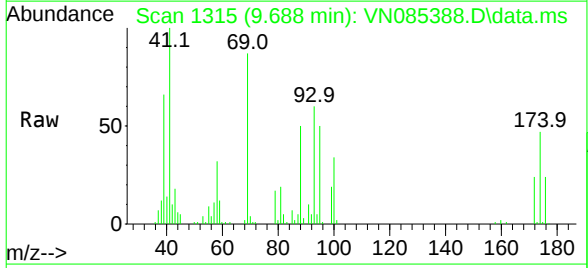
Tgt Ion:	41	Resp:	108457
Ion	Ratio	Lower	Upper
41	100		
69	82.1	67.7	101.5
39	65.2	51.2	76.8





#49
1,4-Dioxane
Concen: 1188.607 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

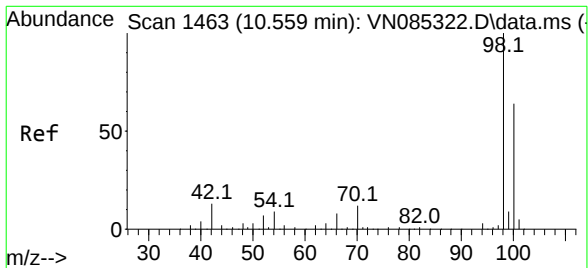
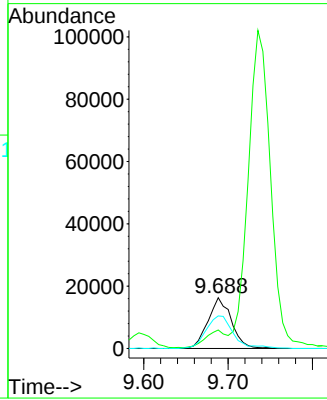
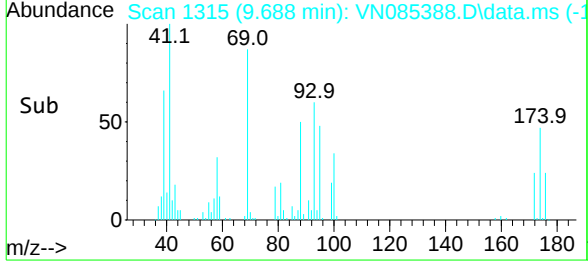
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31409
Ion Ratio Lower Upper
88 100
43 31.8 22.1 33.1
58 74.7 56.7 85.1

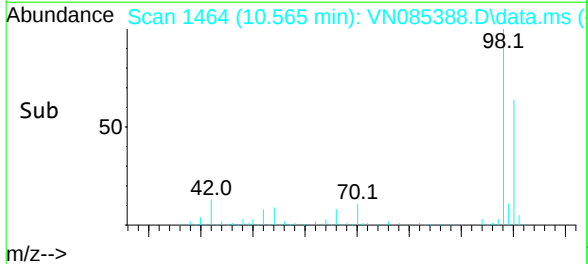
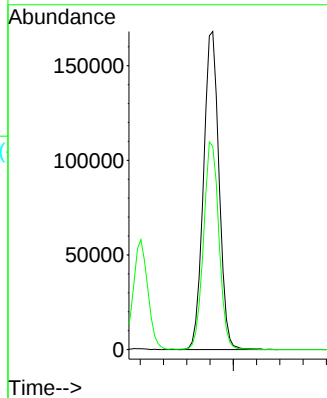
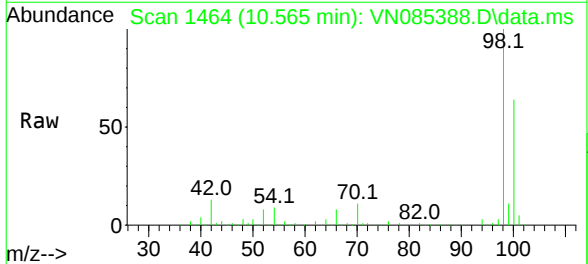
Manual Integrations
APPROVED

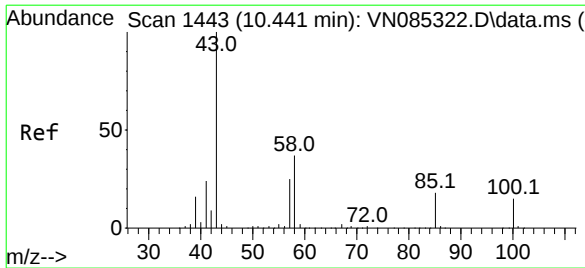
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 98 Resp: 312301
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3





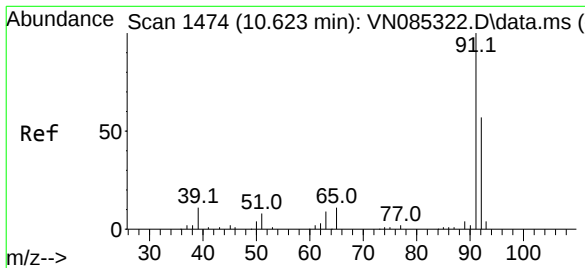
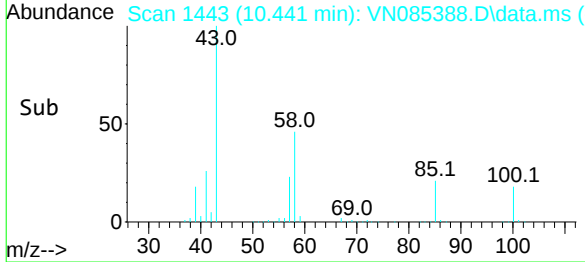
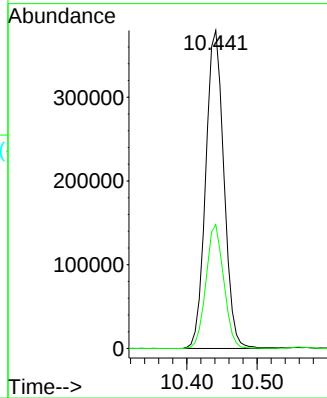
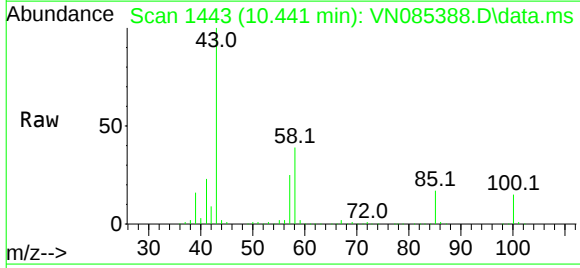
#51
4-Methyl-2-Pentanone
Concen: 301.095 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 682964
Ion Ratio Lower Upper
43 100
58 38.1 30.3 45.5

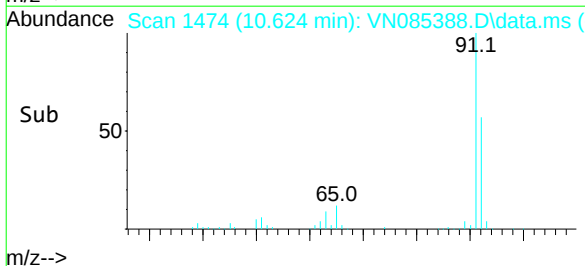
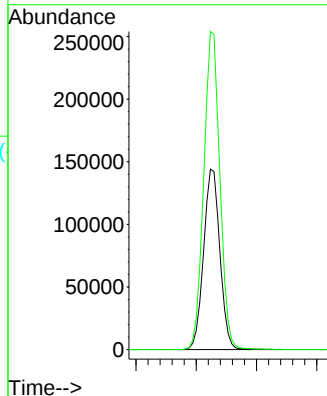
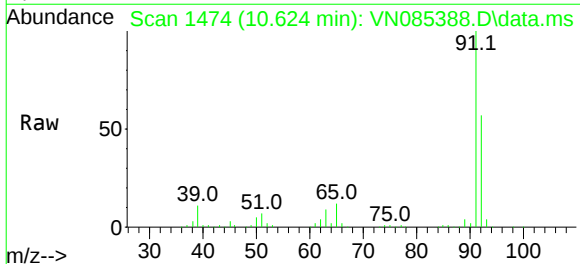
Manual Integrations
APPROVED

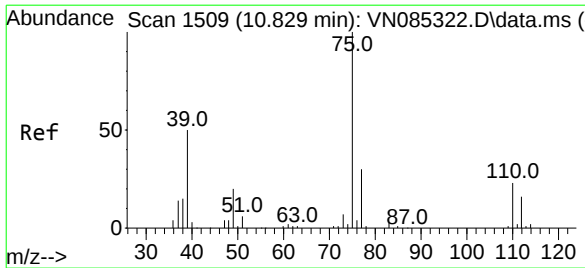
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#52
Toluene
Concen: 60.965 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

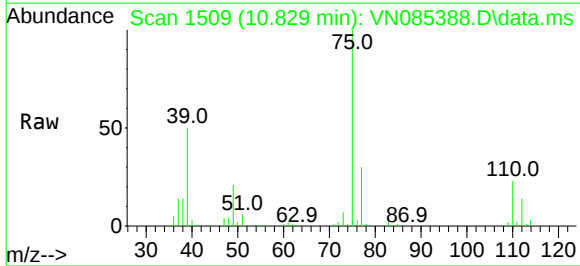
Tgt Ion: 92 Resp: 270677
Ion Ratio Lower Upper
92 100
91 174.6 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 61.430 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

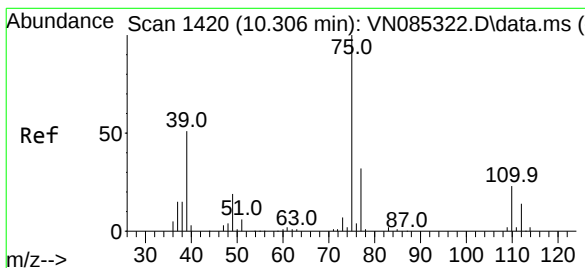
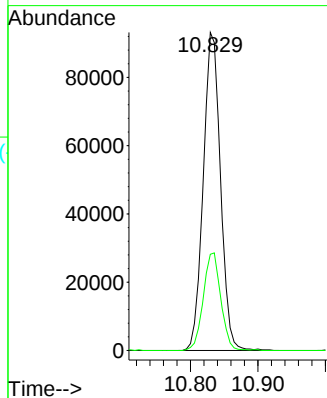
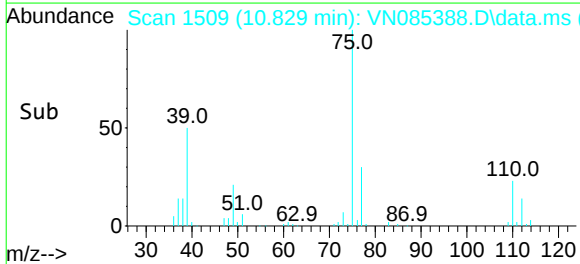
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



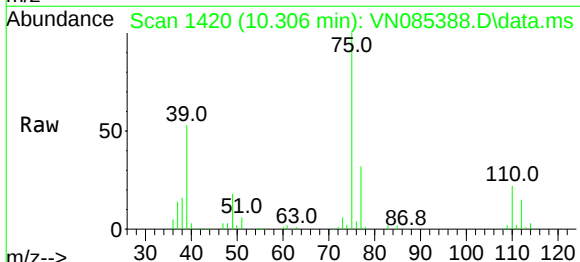
Tgt Ion: 75 Resp: 165294
Ion Ratio Lower Upper
75 100
77 30.2 23.8 35.6

Manual Integrations
APPROVED

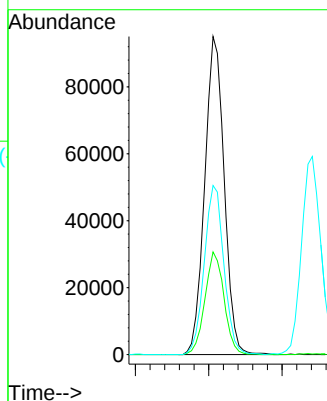
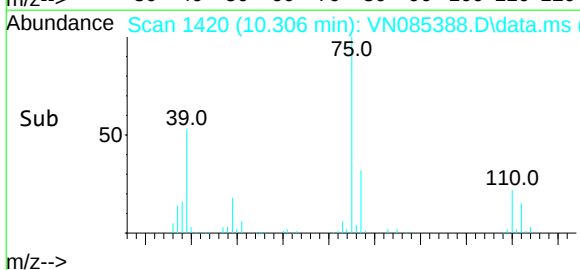
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025

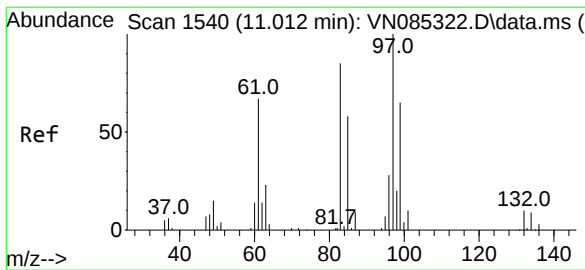


#54
cis-1,3-Dichloropropene
Concen: 60.298 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20



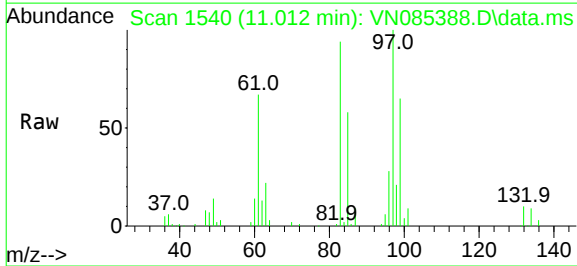
Tgt Ion: 75 Resp: 175445
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
39 53.2 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 59.124 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

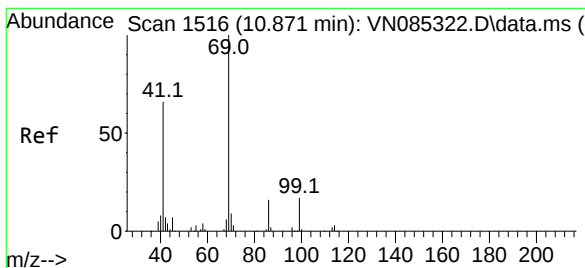
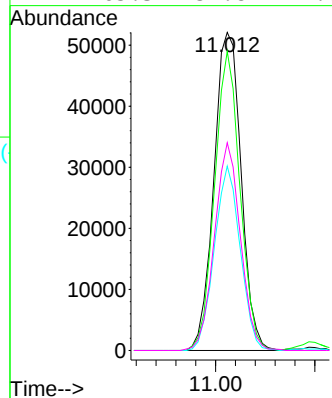
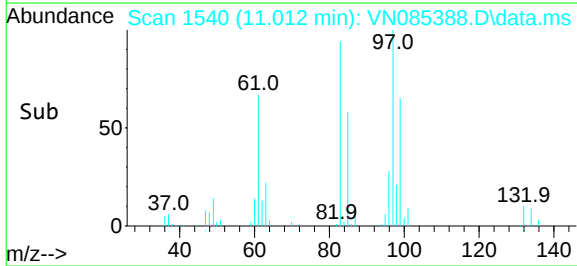
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	99108
Ion	Ratio	Lower	Upper
97	100		
83	94.0	67.7	101.5
85	58.0	46.2	69.4
99	65.3	51.8	77.6

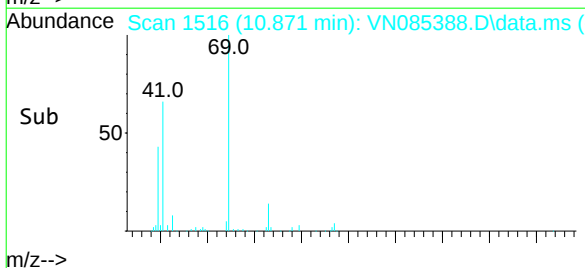
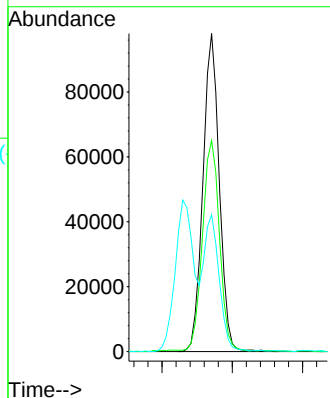
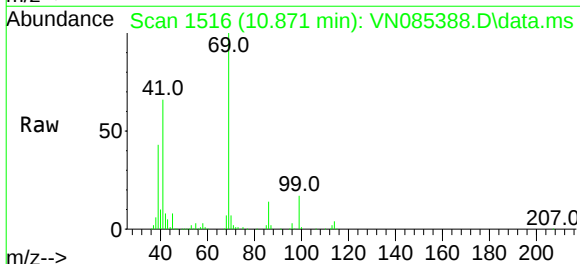
Manual Integrations
APPROVED

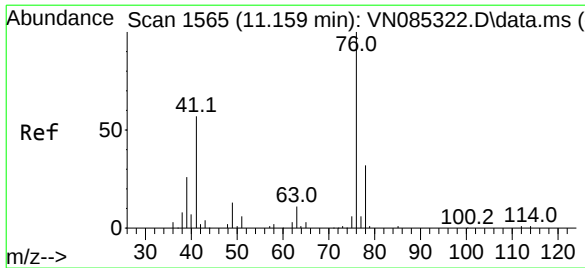
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#56
Ethyl methacrylate
Concen: 64.780 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:	69	Resp:	158148
Ion	Ratio	Lower	Upper
69	100		
41	70.0	54.3	81.5
39	39.5	32.0	48.0





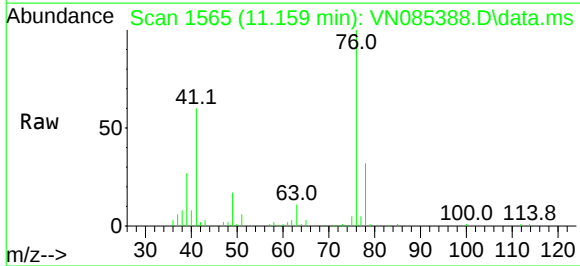
#57
 1,3-Dichloropropane
 Concen: 59.603 ug/l
 RT: 11.159 min Scan# 1565
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

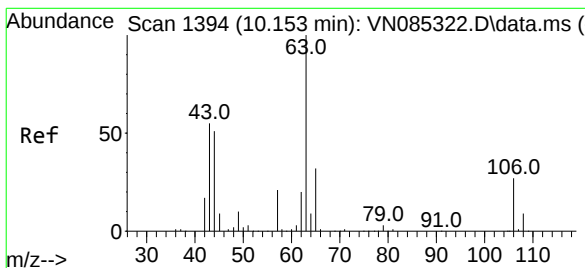
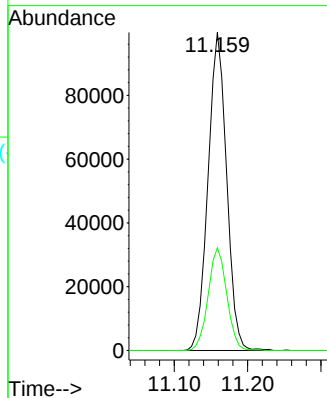
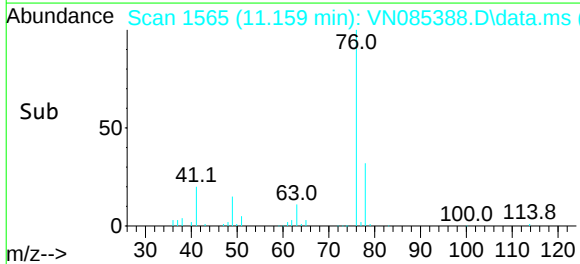


Tgt Ion: 76 Resp: 175354
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3

Manual Integrations

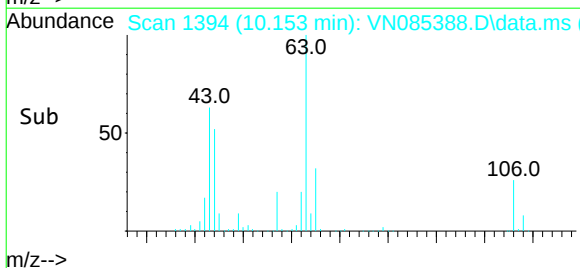
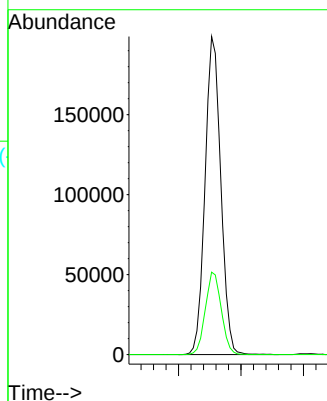
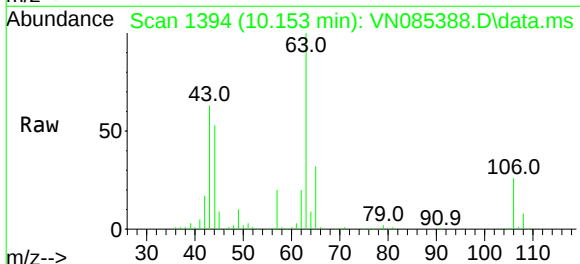
APPROVED

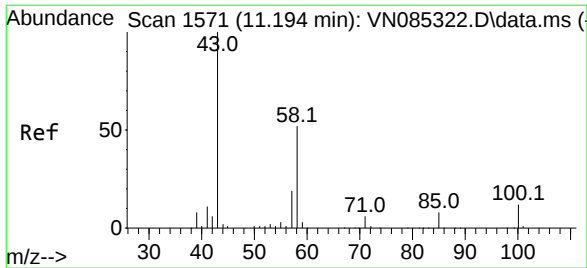
Reviewed By :John Carlone 01/07/2025
 Supervised By :Mahesh Dadoda 01/07/2025



#58
 2-Chloroethyl Vinyl ether
 Concen: 294.611 ug/l
 RT: 10.153 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Tgt Ion: 63 Resp: 347981
 Ion Ratio Lower Upper
 63 100
 106 26.2 22.1 33.1





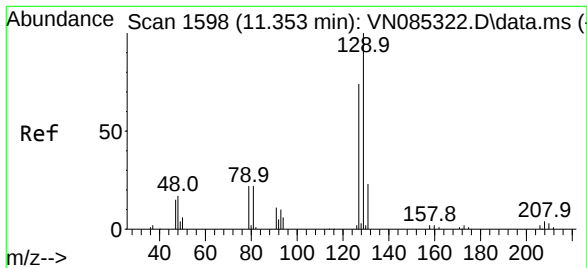
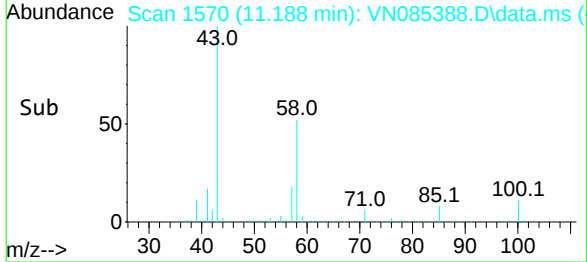
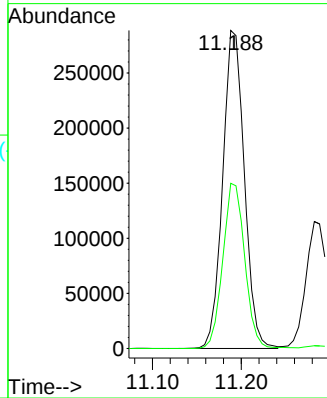
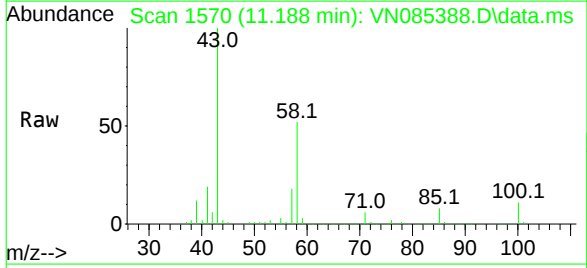
#59
2-Hexanone
Concen: 310.674 ug/l
RT: 11.188 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 488918
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

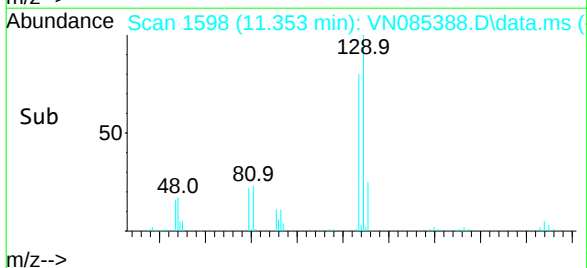
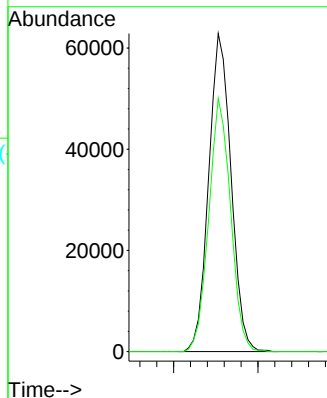
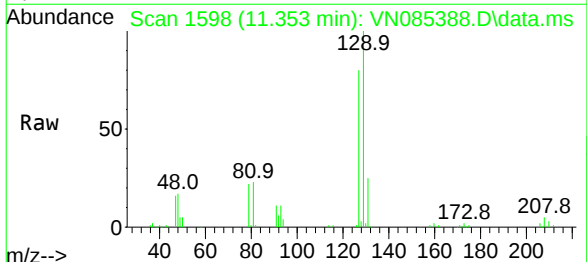
Manual Integrations
APPROVED

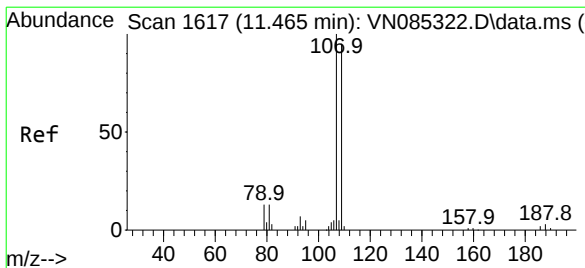
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#60
Dibromochloromethane
Concen: 61.381 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

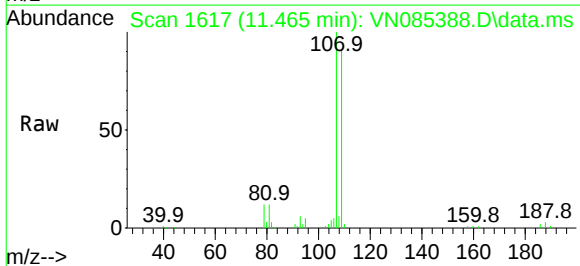
Tgt Ion:129 Resp: 115889
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 59.201 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

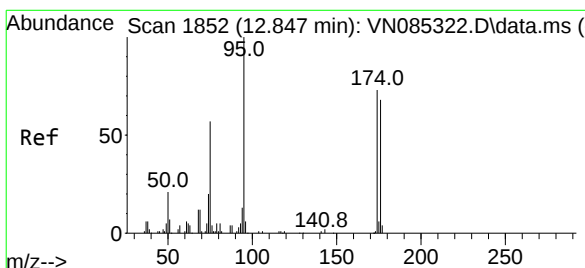
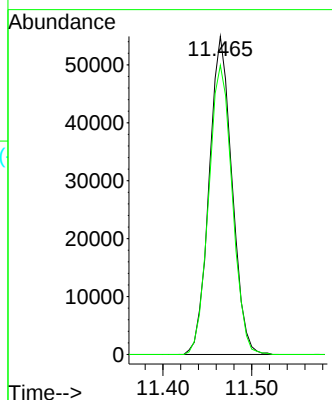
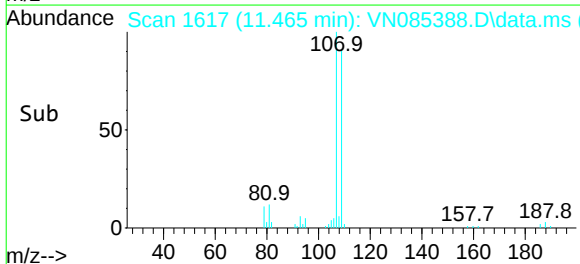
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 98179
Ion Ratio Lower Upper
107 100
109 93.7 74.9 112.3

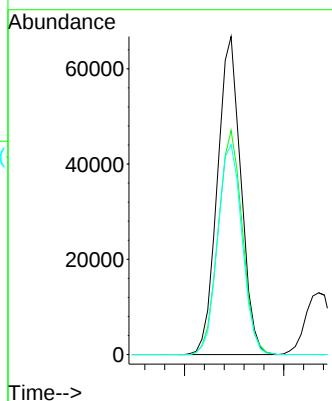
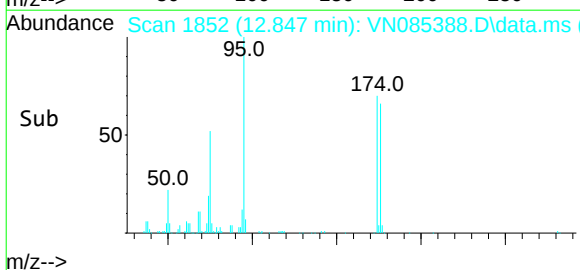
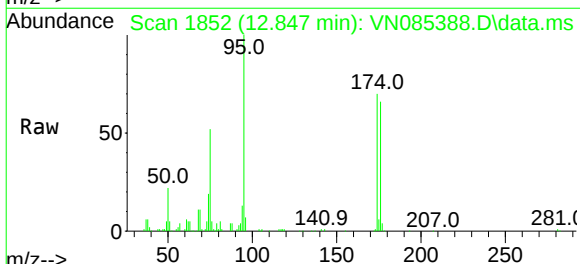
Manual Integrations
APPROVED

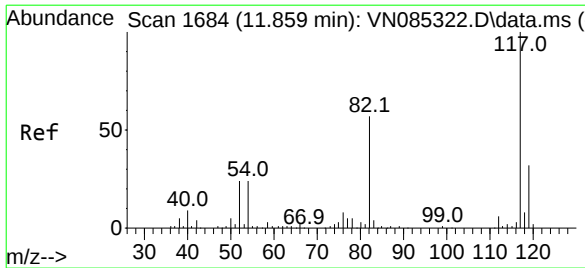
Reviewed By : John Carlone 01/07/2025
Supervised By : Mahesh Dadoda 01/07/2025



#62
4-Bromofluorobenzene
Concen: 53.621 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 95 Resp: 110072
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.2
176 68.6 0.0 135.8





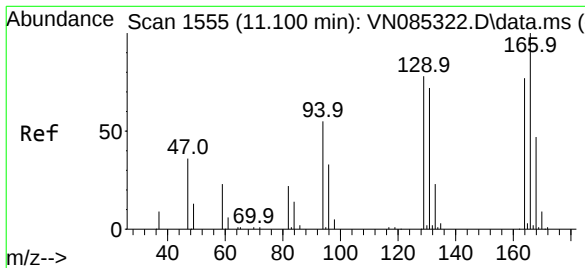
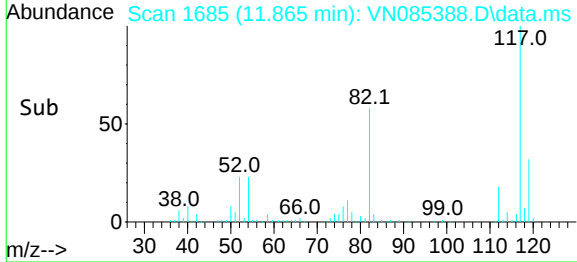
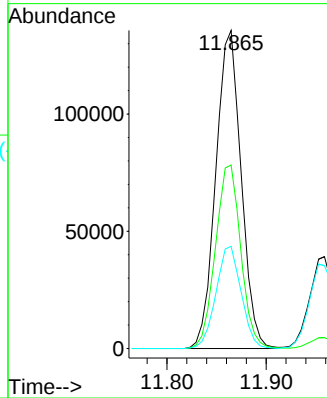
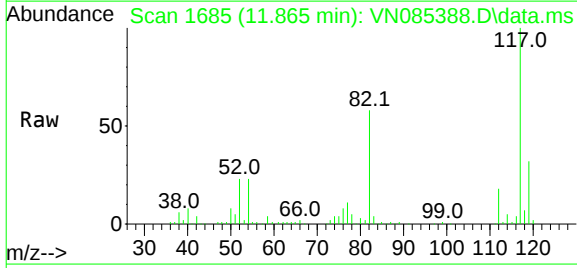
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 240767
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 32.1 25.8 38.8

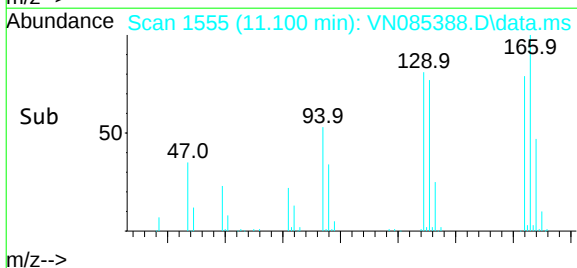
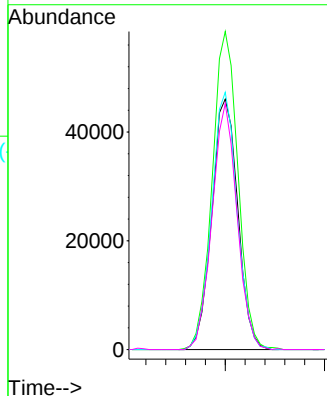
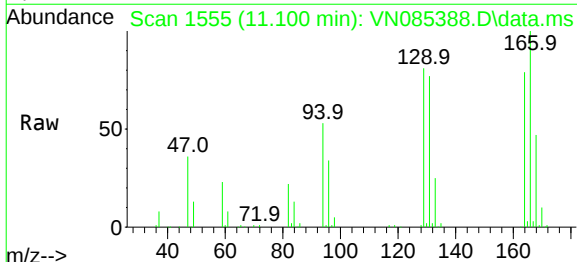
Manual Integrations
APPROVED

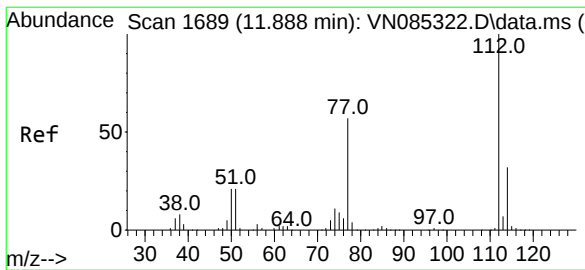
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#64
Tetrachloroethene
Concen: 54.890 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:164 Resp: 83740
Ion Ratio Lower Upper
164 100
166 127.0 104.0 156.0
129 102.7 81.3 121.9
131 98.2 75.0 112.6





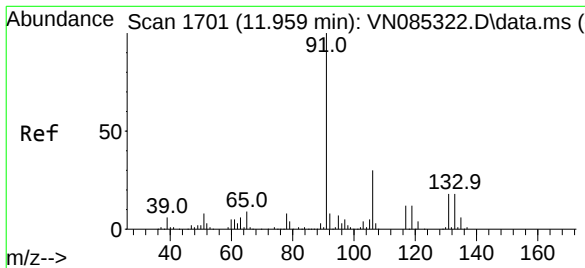
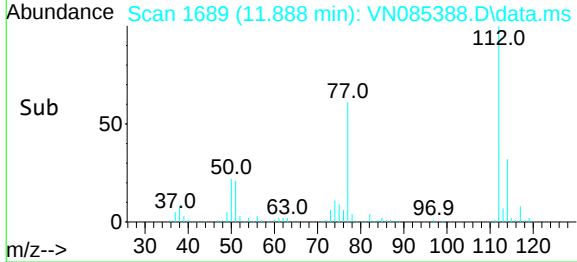
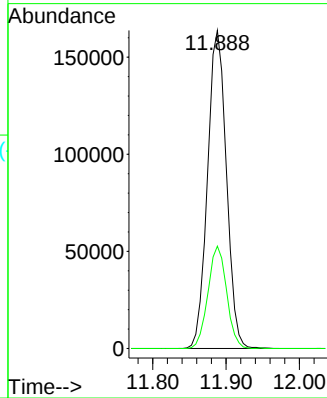
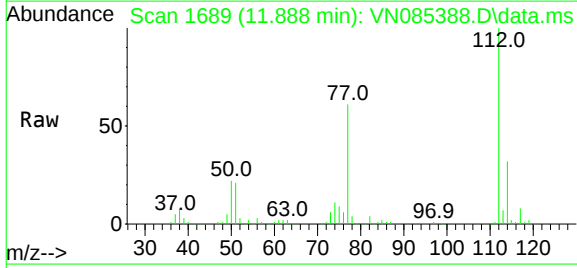
#65
Chlorobenzene
Concen: 56.260 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 292718
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8

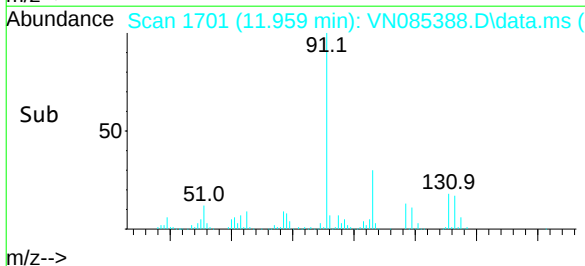
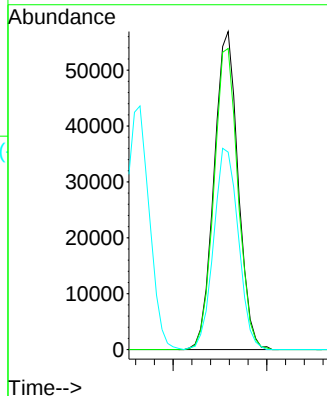
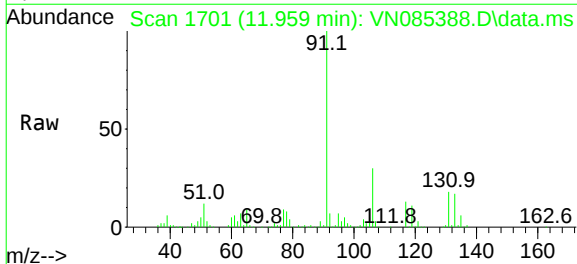
Manual Integrations
APPROVED

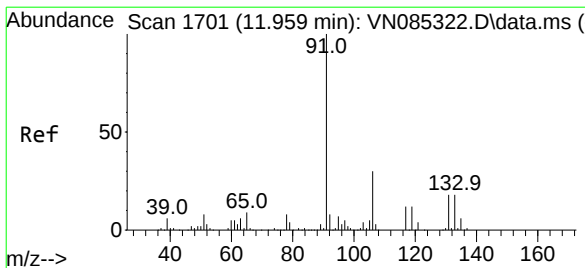
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 58.100 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:131 Resp: 101456
Ion Ratio Lower Upper
131 100
133 94.3 48.3 144.9
119 65.0 33.4 100.1





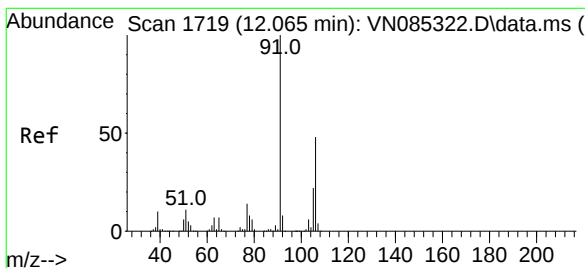
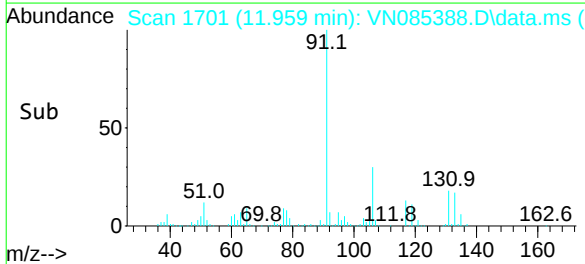
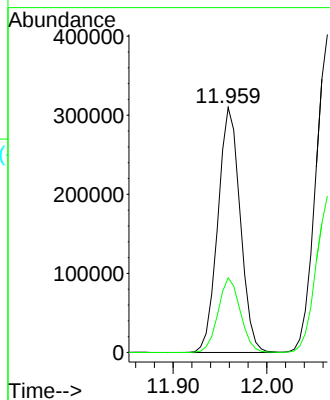
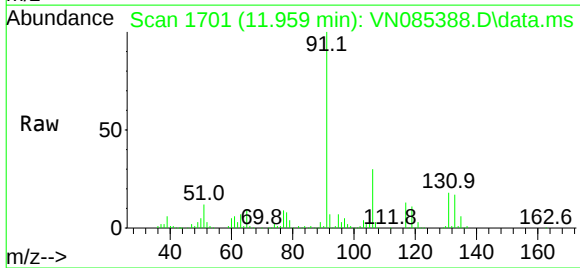
#67
Ethyl Benzene
Concen: 59.378 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 513782
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

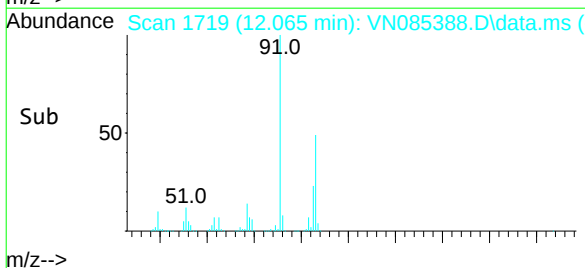
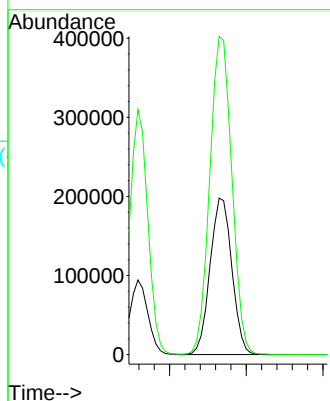
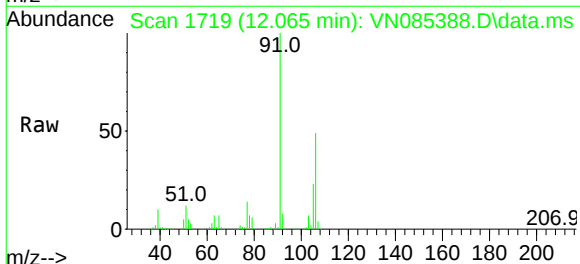
Manual Integrations
APPROVED

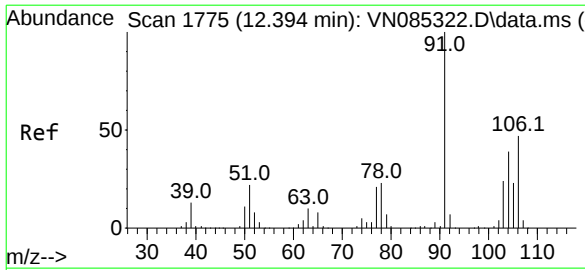
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#68
m/p-Xylenes
Concen: 123.366 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:106 Resp: 390642
Ion Ratio Lower Upper
106 100
91 205.6 165.2 247.8





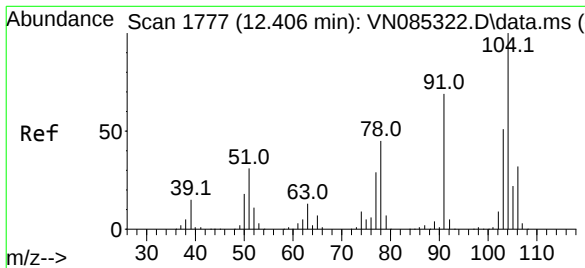
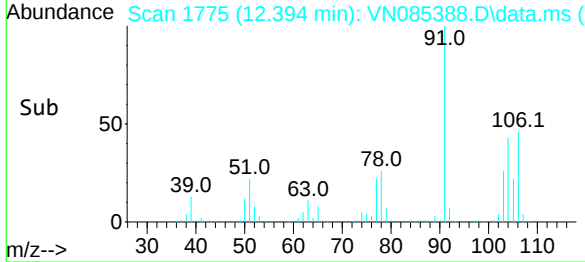
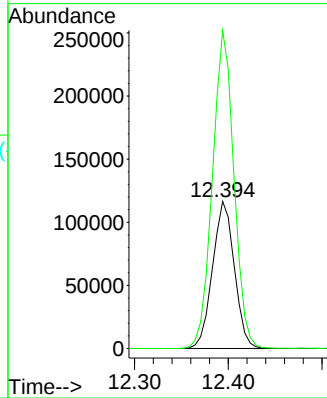
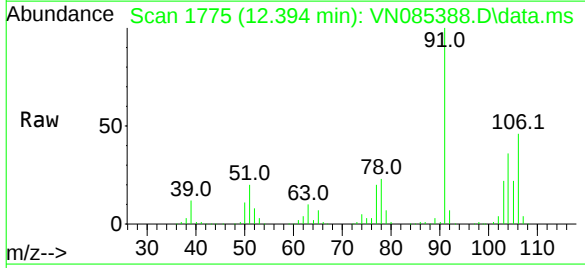
#69
o-Xylene
Concen: 61.406 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 188098
Ion Ratio Lower Upper
106 100
91 213.1 107.3 321.8

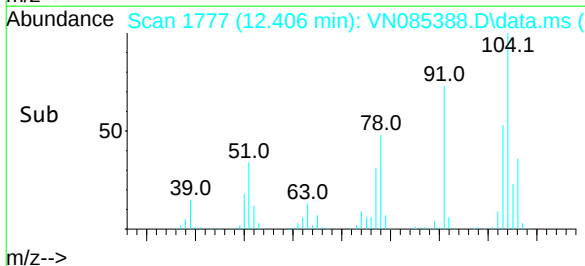
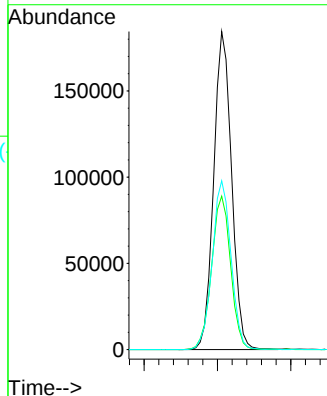
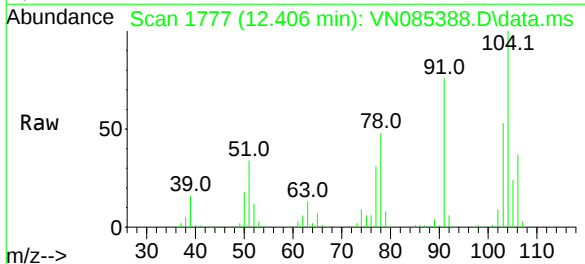
Manual Integrations
APPROVED

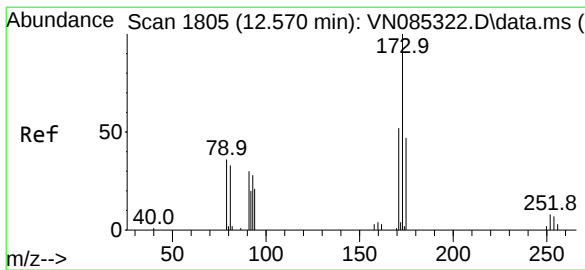
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#70
Styrene
Concen: 62.941 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:104 Resp: 312477
Ion Ratio Lower Upper
104 100
78 51.3 40.7 61.1
103 55.6 44.1 66.1





#71

Bromoform

Concen: 60.385 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

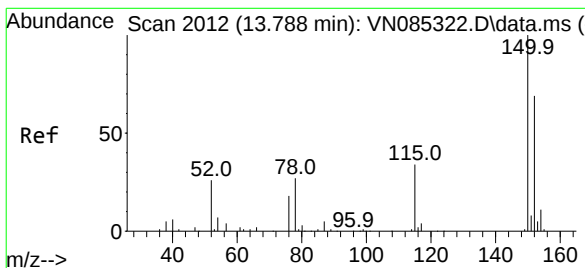
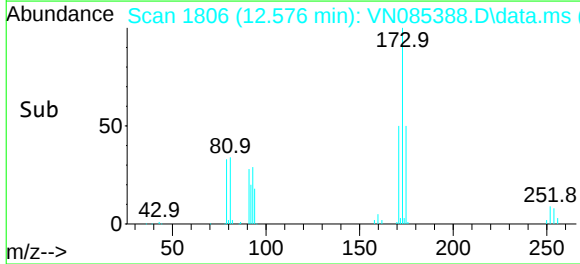
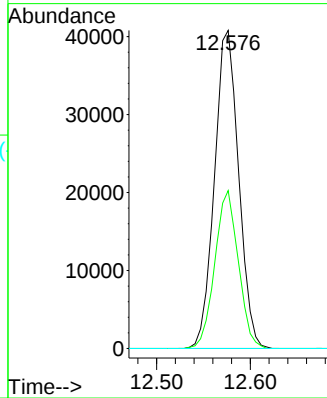
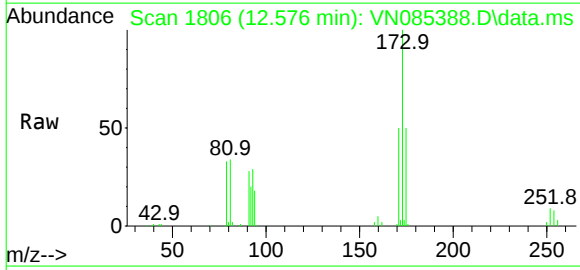
Tgt Ion:	173	Resp:	73034
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

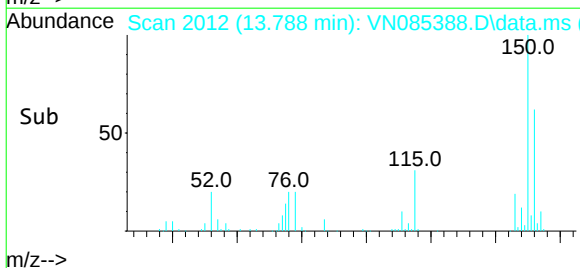
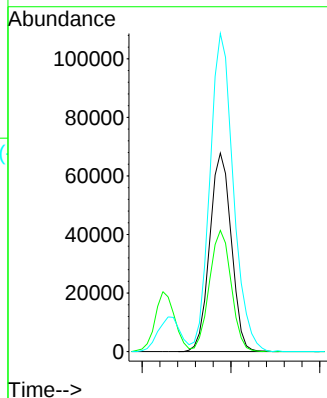
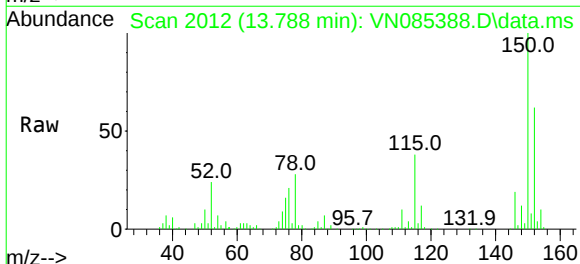
RT: 13.788 min Scan# 2012

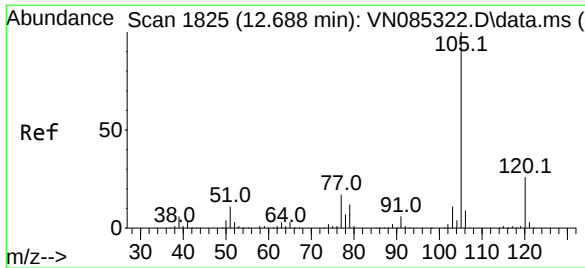
Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Tgt Ion:	152	Resp:	114612
Ion Ratio	Lower	Upper	
152	100		
115	61.8	30.4	91.3
150	174.0	0.0	345.0





#73

Isopropylbenzene

Concen: 56.700 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 467314

Ion Ratio Lower Upper

105 100

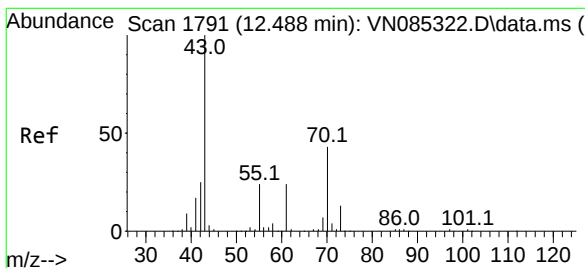
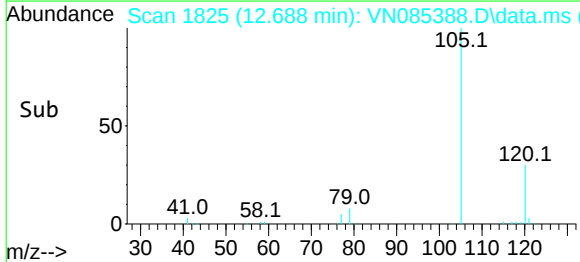
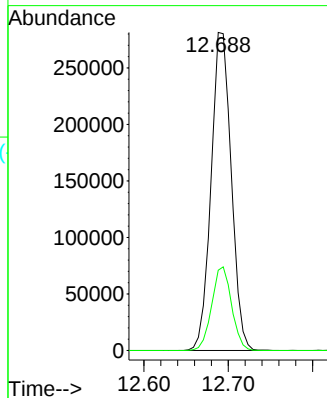
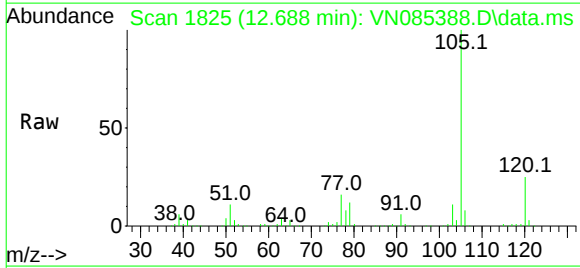
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#74

N-ethyl acetate

Concen: 58.886 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Tgt Ion: 43 Resp: 207742

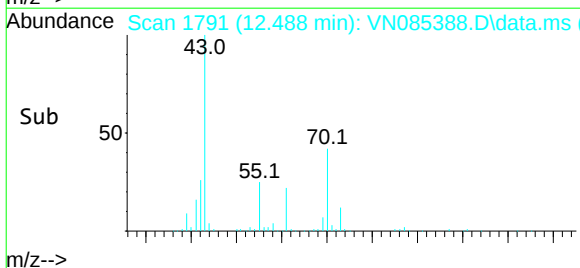
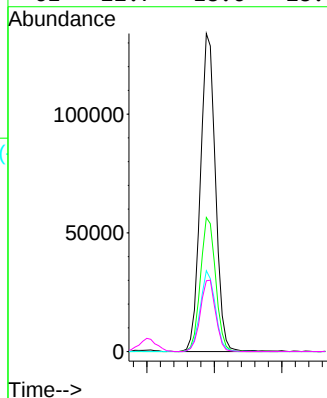
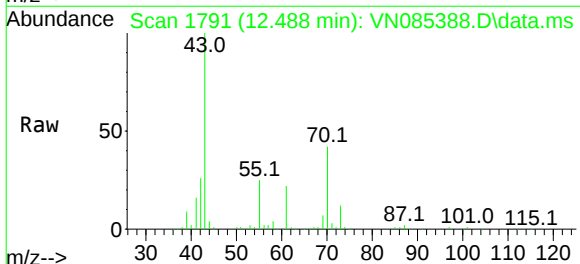
Ion Ratio Lower Upper

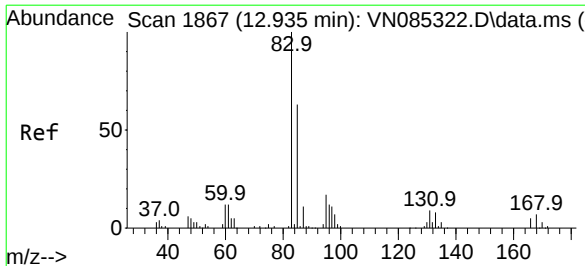
43 100

70 42.5 33.4 50.0

55 25.3 19.2 28.8

61 22.7 18.6 28.0





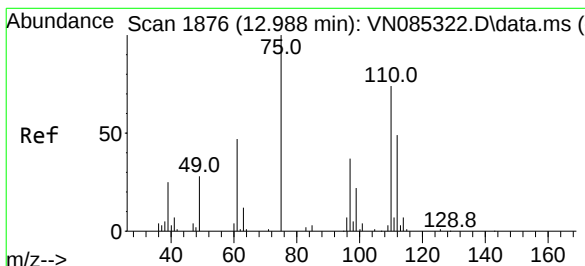
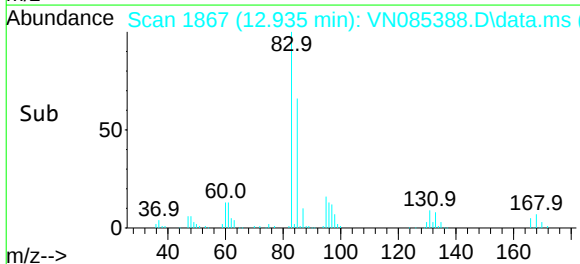
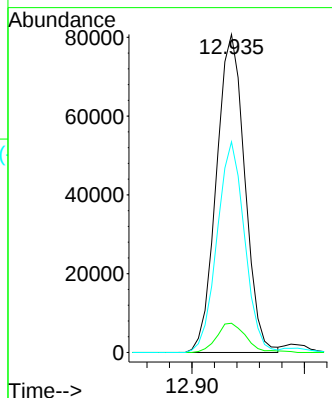
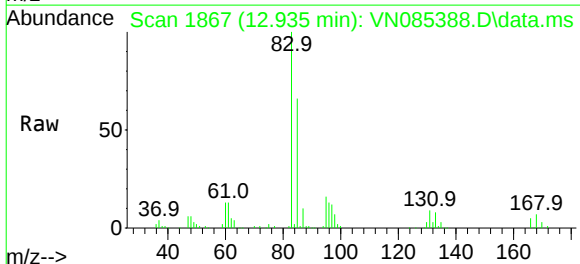
#75
1,1,2,2-Tetrachloroethane
Concen: 53.900 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 141483
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.2 32.6 98.0

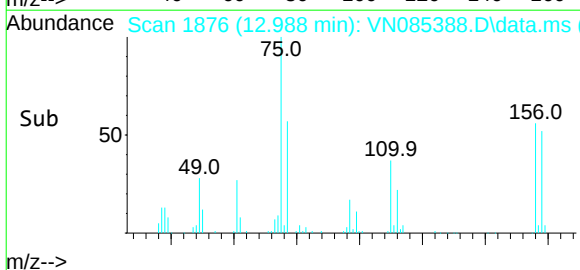
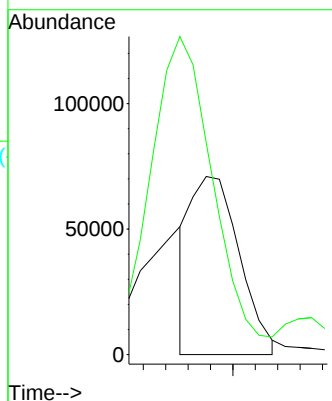
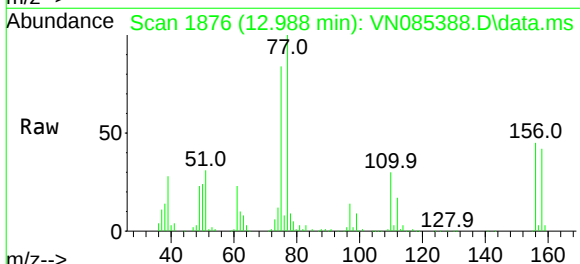
Manual Integrations
APPROVED

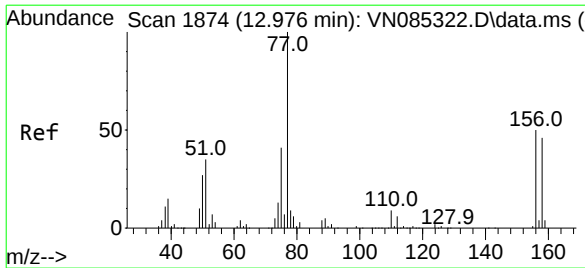
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#76
1,2,3-Trichloropropane
Concen: 50.269 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 75 Resp: 107588
Ion Ratio Lower Upper
75 100
77 233.6 98.1 294.3





#77

Bromobenzene

Concen: 53.746 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

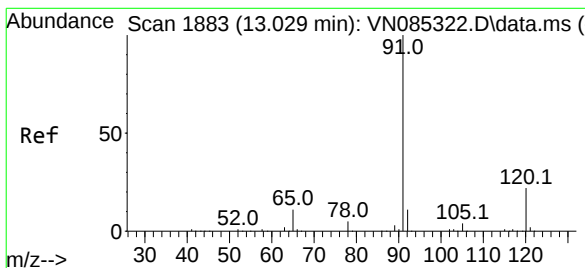
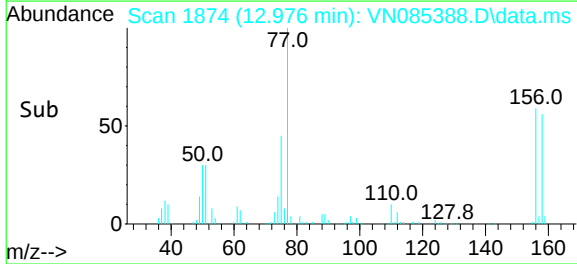
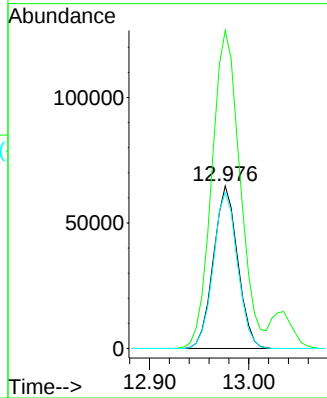
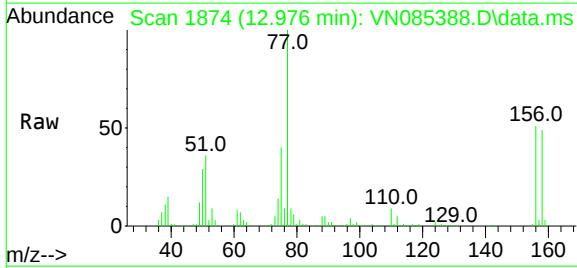
Tgt Ion:	156	Resp:	109747
Ion Ratio	Lower	Upper	
156	100		
77	229.0	114.0	342.0
158	95.6	47.6	142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#78

n-propylbenzene

Concen: 59.816 ug/l

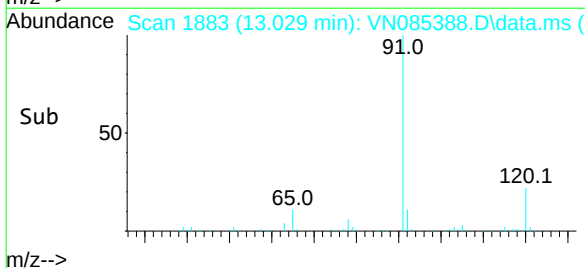
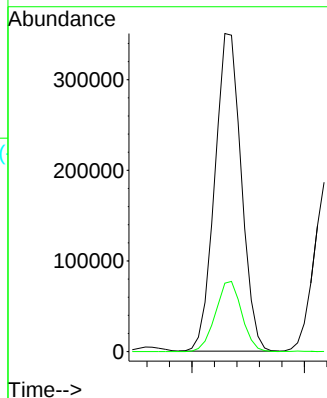
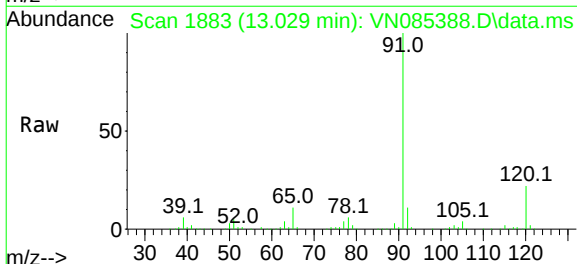
RT: 13.029 min Scan# 1883

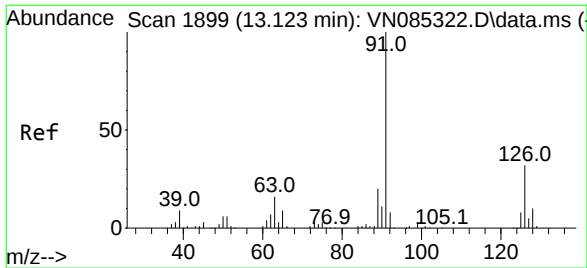
Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Tgt Ion:	91	Resp:	574659
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.9





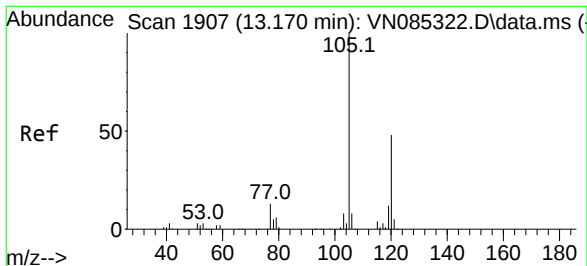
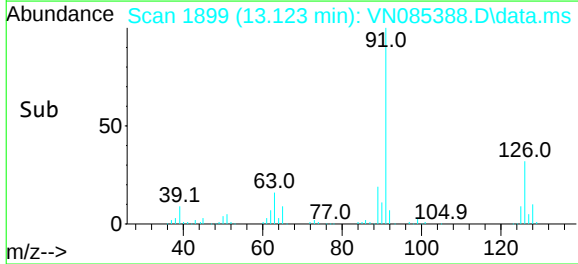
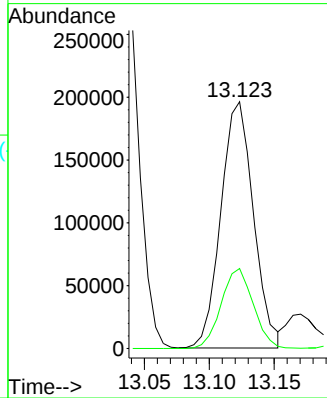
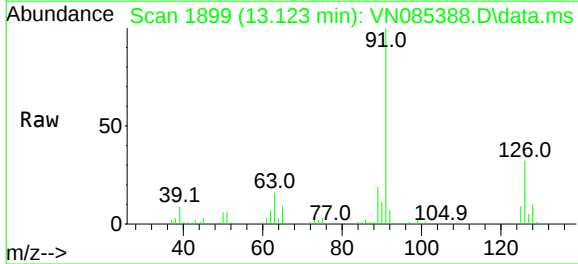
#79
2-Chlorotoluene
Concen: 56.659 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 342580
Ion Ratio Lower Upper
91 100
126 31.9 16.0 48.0

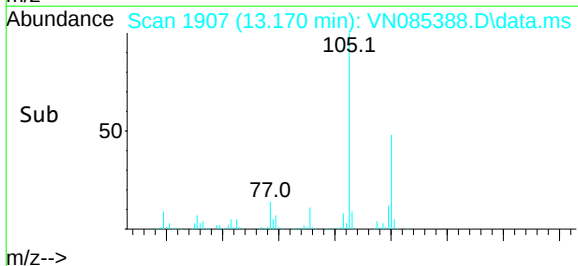
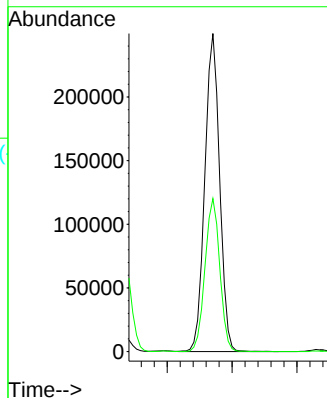
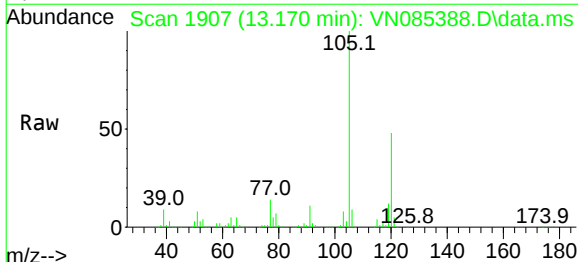
Manual Integrations
APPROVED

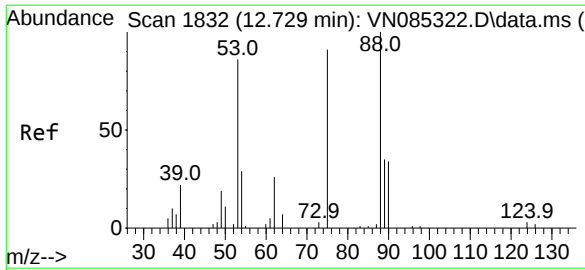
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 59.436 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:105 Resp: 396231
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





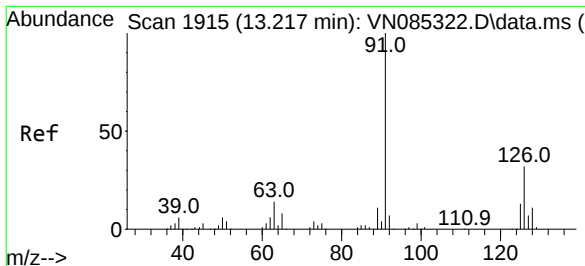
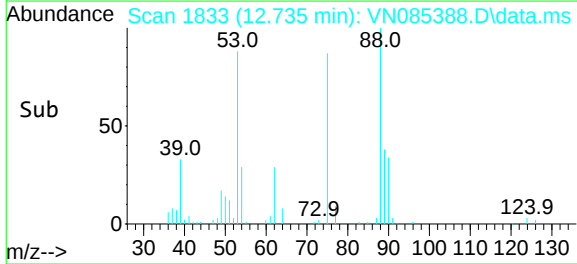
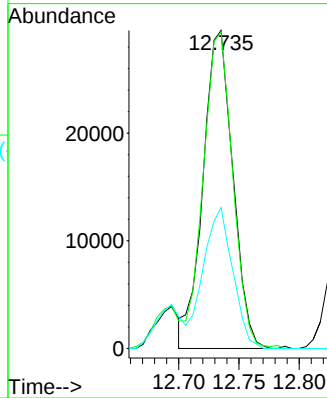
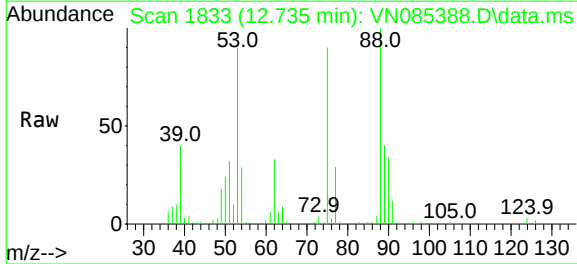
#81
trans-1,4-Dichloro-2-butene
Concen: 56.890 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 50842
Ion Ratio Lower Upper
75 100
53 97.4 80.0 120.0
89 43.6 35.8 53.8

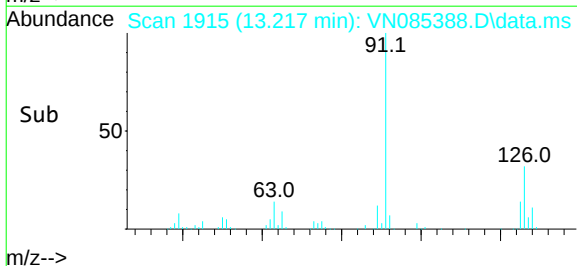
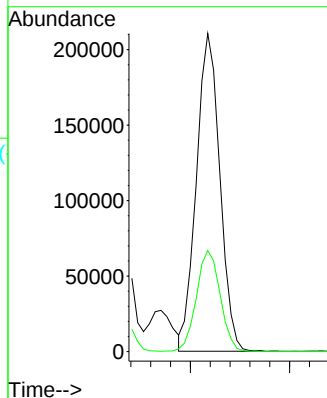
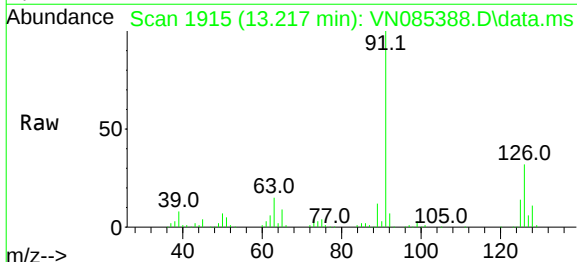
Manual Integrations
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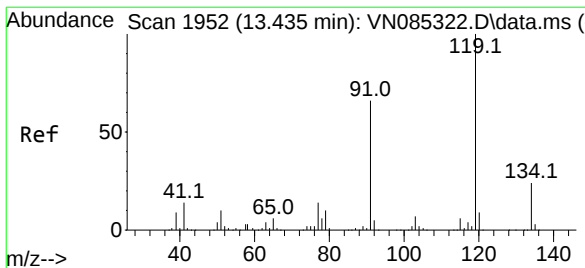
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#82
4-Chlorotoluene
Concen: 56.669 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion: 91 Resp: 345084
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4





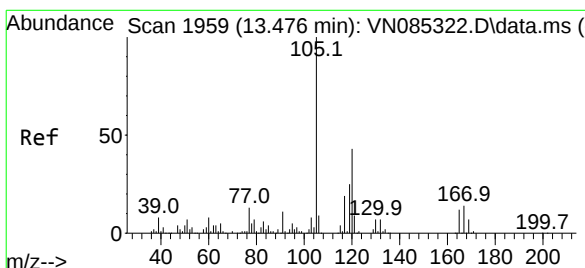
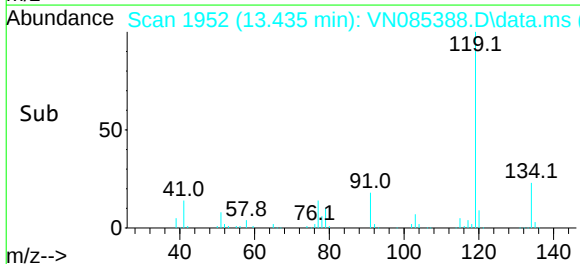
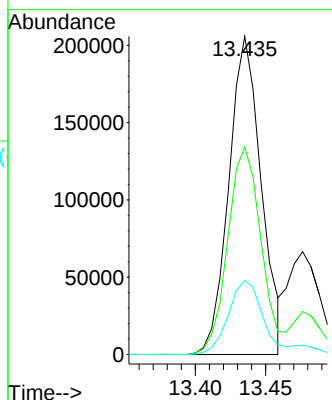
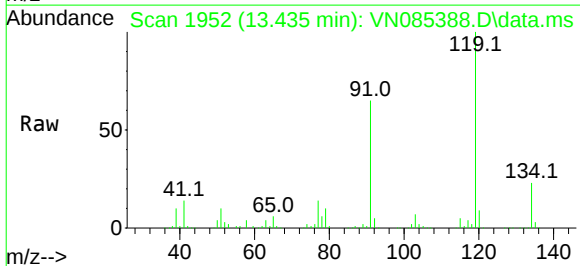
#83
tert-Butylbenzene
Concen: 57.047 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 329433
Ion Ratio Lower Upper
119 100
91 67.9 33.6 100.8
134 26.8 13.3 39.8

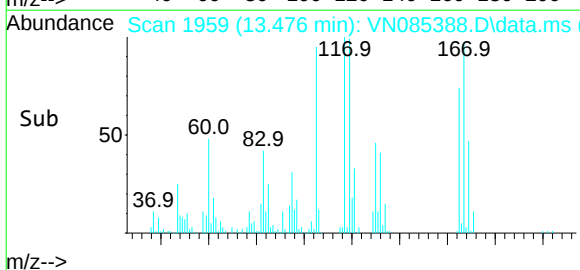
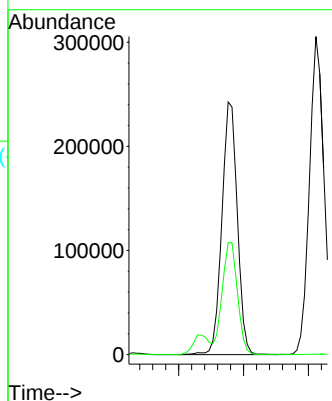
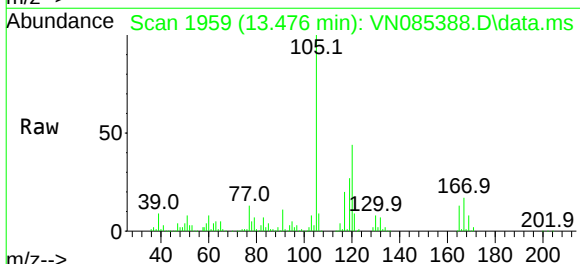
Manual Integrations
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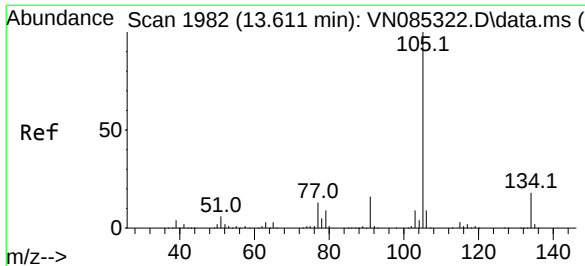
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#84
1,2,4-Trimethylbenzene
Concen: 60.376 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:105 Resp: 400781
Ion Ratio Lower Upper
105 100
120 43.9 21.7 65.1





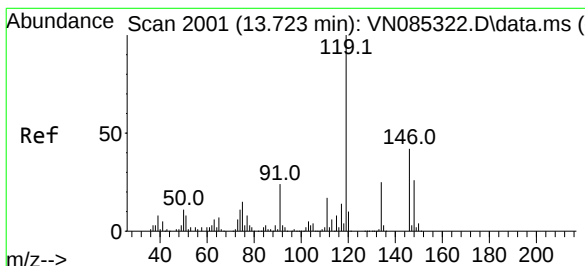
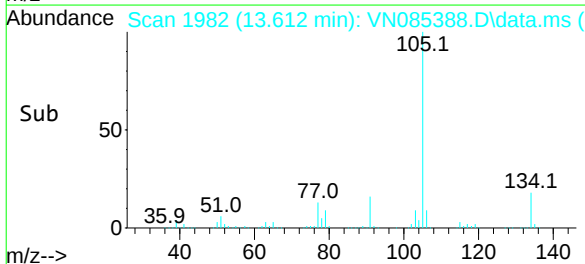
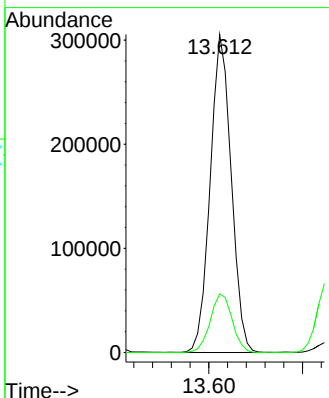
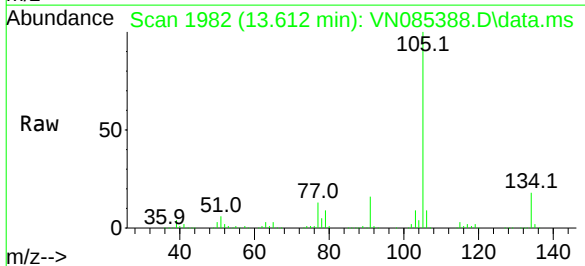
#85
 sec-Butylbenzene
 Concen: 59.258 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 475003
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.4 28.3

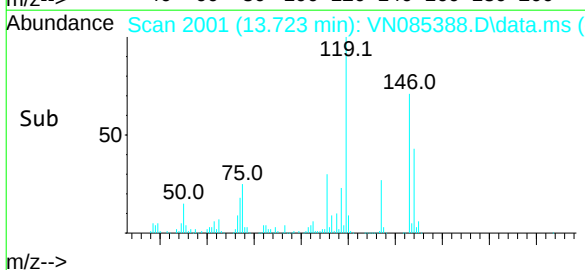
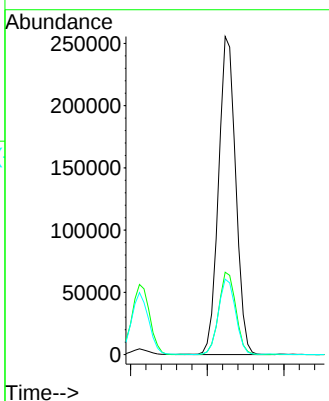
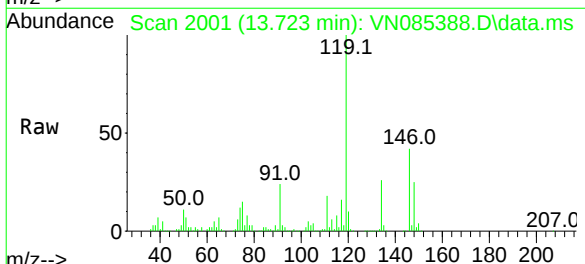
Manual Integrations
 APPROVED

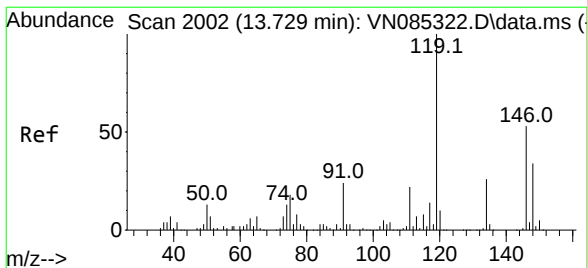
Reviewed By :John Carlone 01/07/2025
 Supervised By :Mahesh Dadoda 01/07/2025



#86
 p-Isopropyltoluene
 Concen: 55.083 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085388.D
 Acq: 06 Jan 2025 16:20

Tgt Ion:119 Resp: 397550
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.5 37.5
 91 23.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 55.839 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

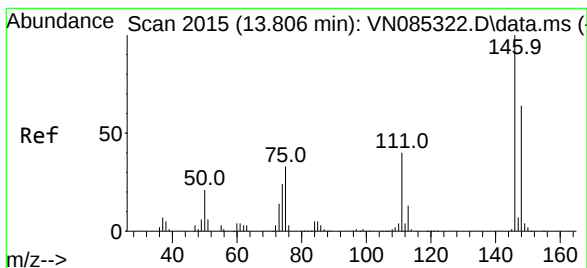
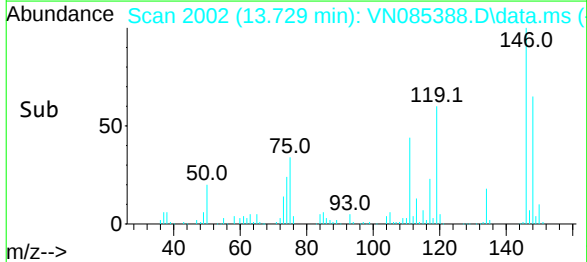
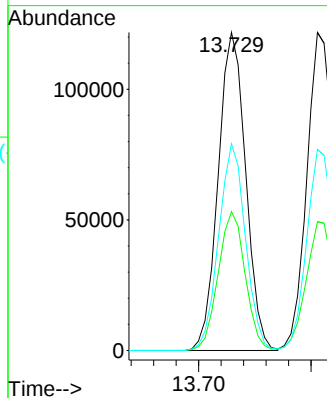
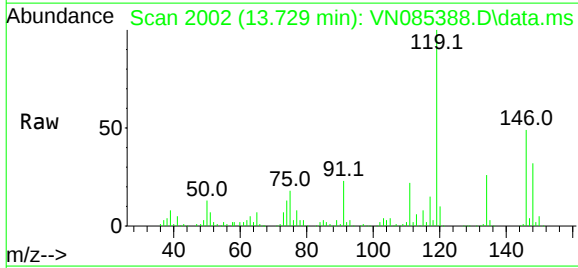
Tgt Ion:	146	Resp:	206700
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.3	63.9
148	63.5	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/07/2025

Supervised By :Mahesh Dadoda 01/07/2025



#88

1,4-Dichlorobenzene

Concen: 54.247 ug/l

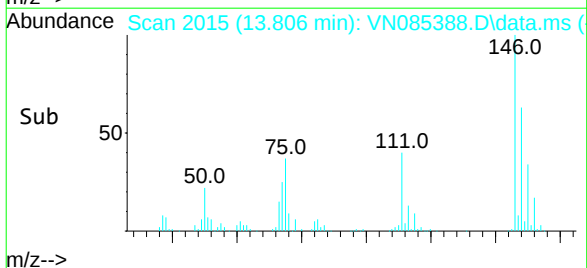
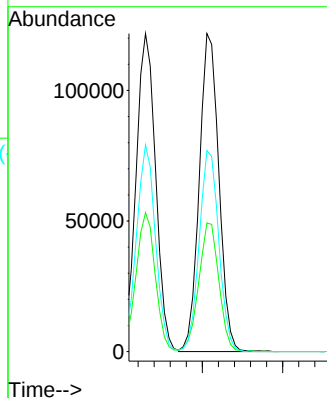
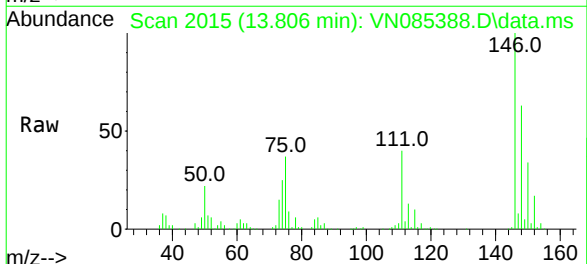
RT: 13.806 min Scan# 2015

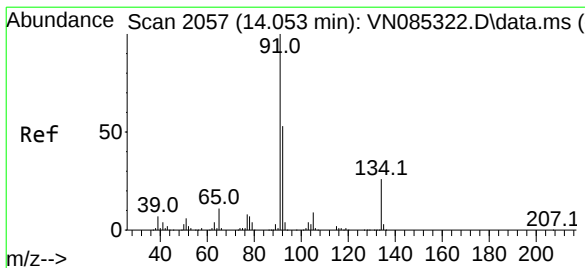
Delta R.T. 0.000 min

Lab File: VN085388.D

Acq: 06 Jan 2025 16:20

Tgt Ion:	146	Resp:	206269
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.8	62.5
148	63.3	31.7	95.1





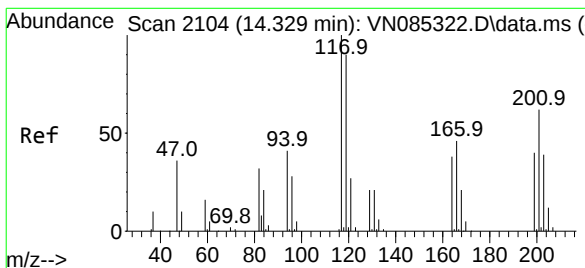
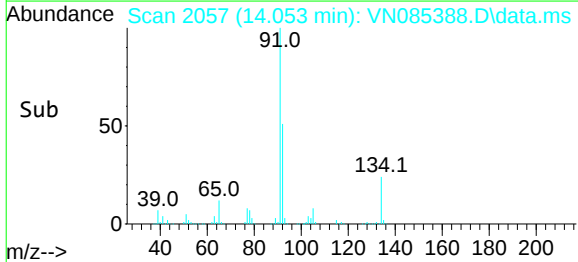
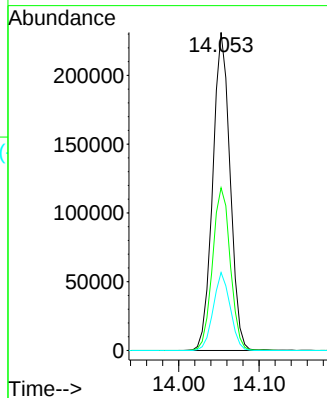
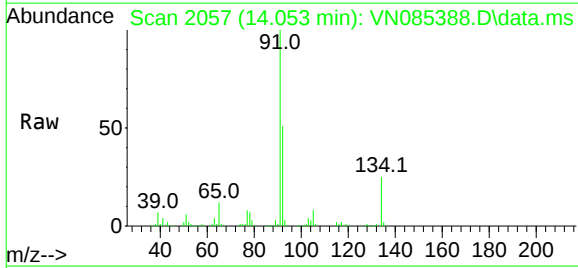
#89
n-Butylbenzene
Concen: 59.058 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	23.9	12.1	36.3

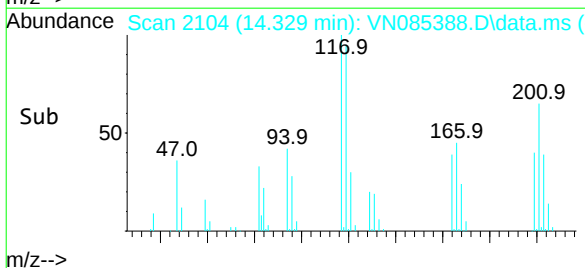
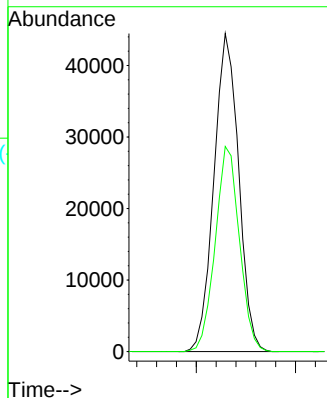
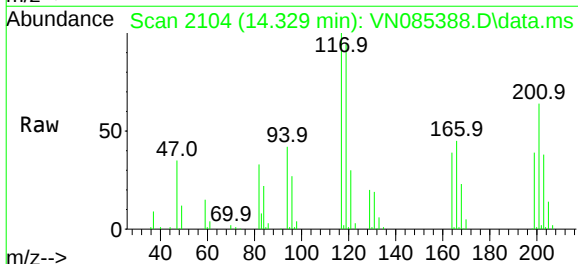
Manual Integrations
APPROVED

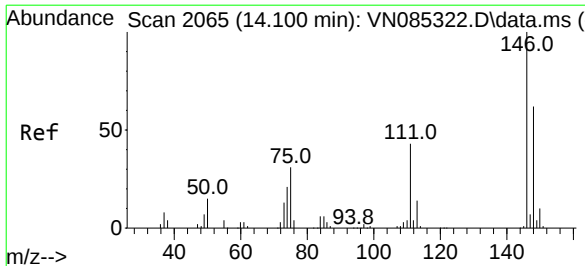
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#90
Hexachloroethane
Concen: 58.593 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

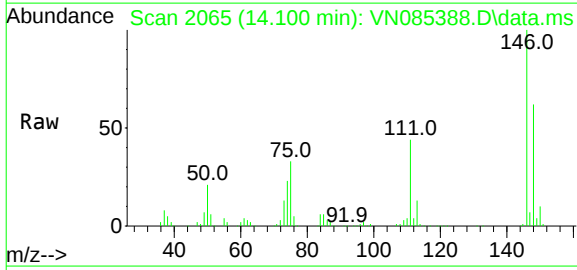
Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.1	30.7	92.1





#91
1,2-Dichlorobenzene
Concen: 56.759 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

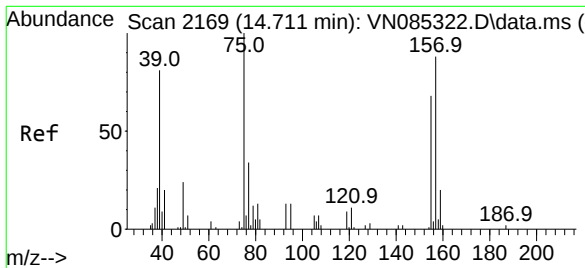
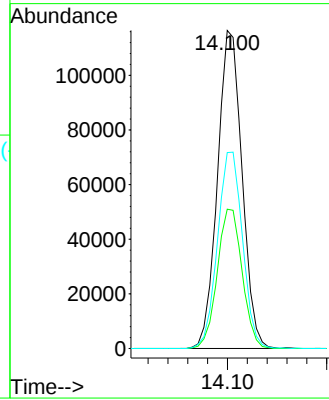
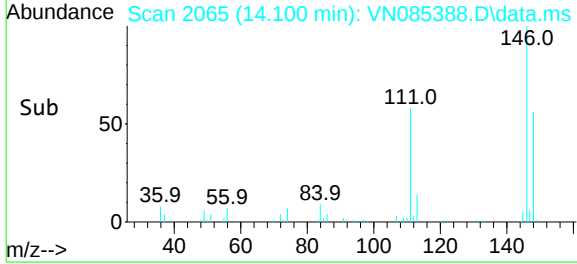
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 200149
Ion Ratio Lower Upper
146 100
111 44.4 21.8 65.3
148 63.0 31.4 94.2

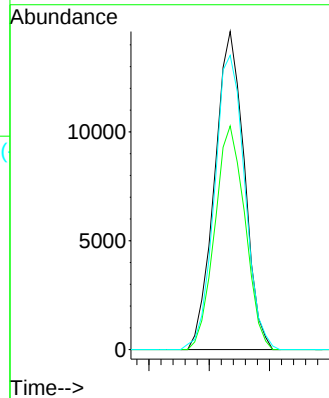
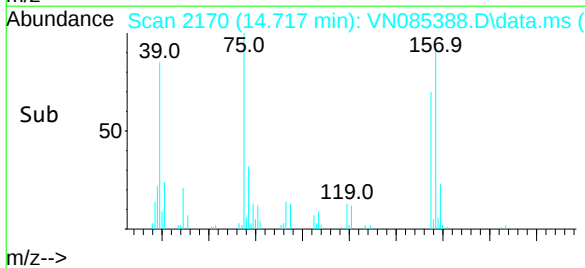
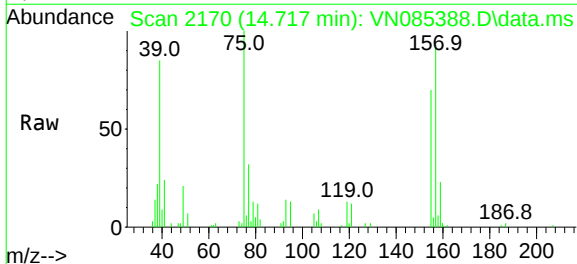
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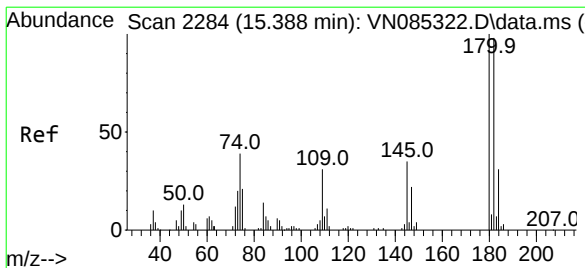
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.453 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

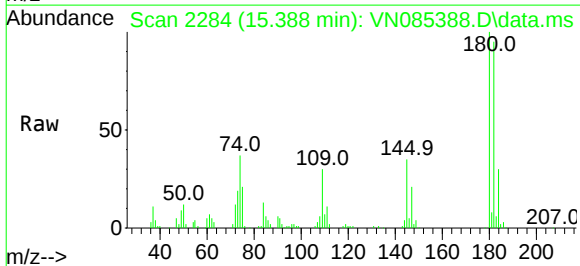
Tgt Ion: 75 Resp: 24972
Ion Ratio Lower Upper
75 100
155 71.5 35.6 106.9
157 94.3 47.0 141.0





#93
1,2,4-Trichlorobenzene
Concen: 55.944 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

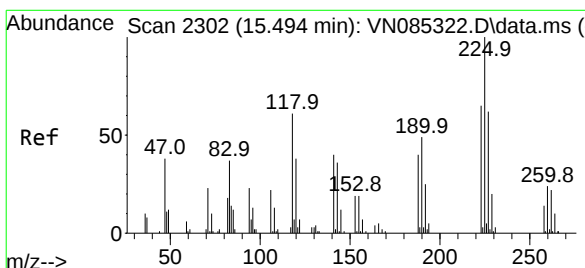
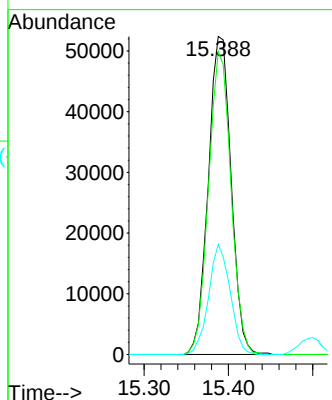
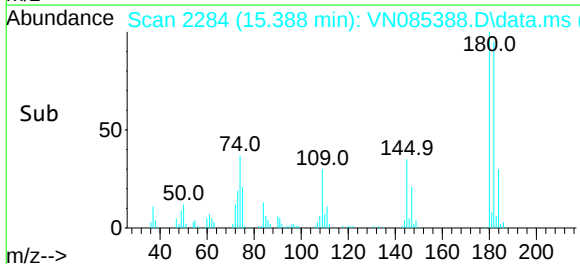
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



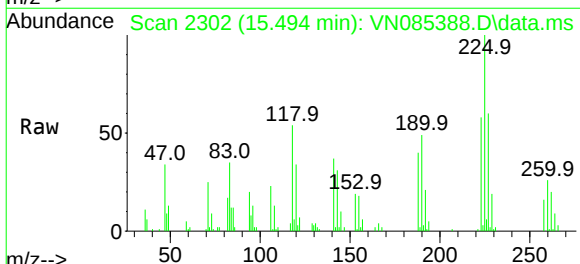
Tgt Ion:180 Resp: 98456
Ion Ratio Lower Upper
180 100
182 93.7 47.2 141.6
145 32.7 16.6 49.8

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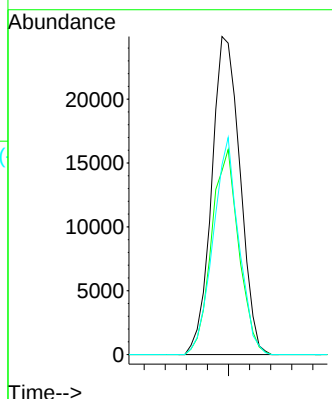
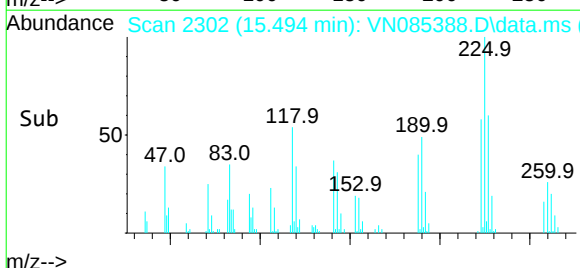
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025

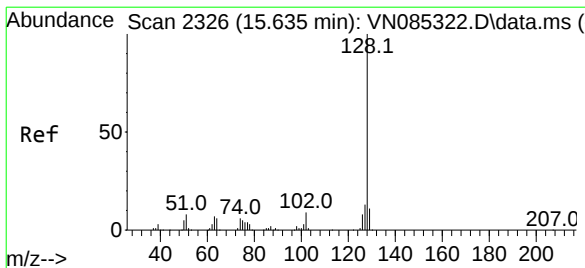


#94
Hexachlorobutadiene
Concen: 53.194 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20



Tgt Ion:225 Resp: 46514
Ion Ratio Lower Upper
225 100
223 61.9 31.6 94.7
227 61.9 30.3 91.0





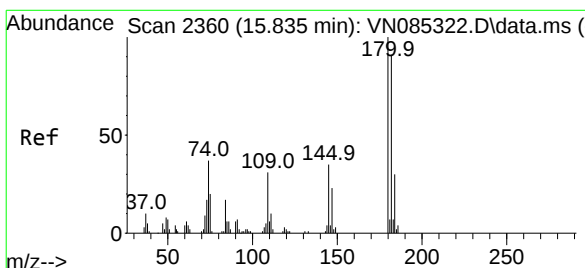
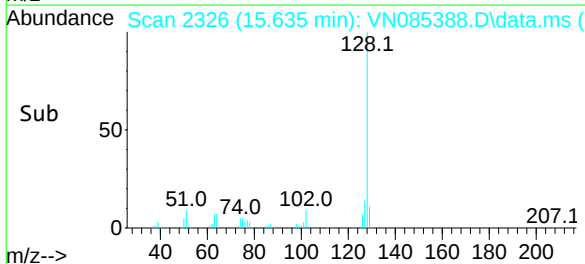
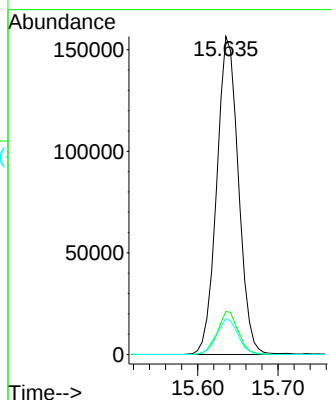
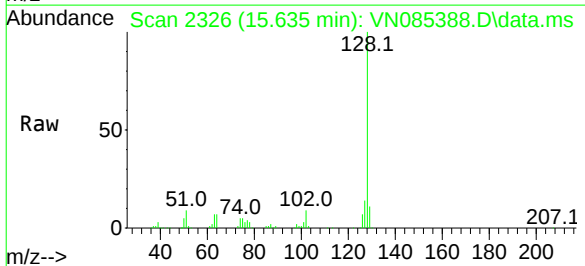
#95
Naphthalene
Concen: 49.246 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 293896
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.1 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.201 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085388.D
Acq: 06 Jan 2025 16:20

Tgt Ion:180 Resp: 95307
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.4
145 33.4 17.2 51.6

