

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085436.D
 Acq On : 13 Jan 2025 19:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

Quant Time: Jan 13 20:47:17 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	178083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148874	58.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.220%
35) Dibromofluoromethane	8.165	113	107612	56.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.700%
50) Toluene-d8	10.565	98	406042	57.939	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	115.880%#
62) 4-Bromofluorobenzene	12.847	95	145176	62.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	124.760%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	123499	51.277	ug/l 99
3) Chloromethane	2.360	50	129309	47.770	ug/l 96
4) Vinyl Chloride	2.512	62	133011	46.462	ug/l 94
5) Bromomethane	2.942	94	77287	41.280	ug/l 100
6) Chloroethane	3.112	64	82432	45.404	ug/l 100
7) Trichlorofluoromethane	3.495	101	192614	51.183	ug/l 98
8) Diethyl Ether	3.959	74	66806	53.615	ug/l 96
9) 1,1,2-Trichlorotrifluo...	4.371	101	109021	50.913	ug/l 99
10) Methyl Iodide	4.589	142	131545	53.085	ug/l 91
11) Tert butyl alcohol	5.518	59	104080	327.237	ug/l 98
12) 1,1-Dichloroethene	4.342	96	101009	51.042	ug/l 99
13) Acrolein	4.177	56	144203	290.807	ug/l 98
14) Allyl chloride	5.024	41	159654	50.408	ug/l 98
15) Acrylonitrile	5.718	53	285933	285.635	ug/l 99
16) Acetone	4.424	43	241454	289.093	ug/l 97
17) Carbon Disulfide	4.712	76	288686	47.952	ug/l 98
18) Methyl Acetate	5.018	43	153846	60.165	ug/l 98
19) Methyl tert-butyl Ether	5.789	73	353885	55.017	ug/l 98
20) Methylene Chloride	5.277	84	117831	52.450	ug/l 95
21) trans-1,2-Dichloroethene	5.783	96	105304	50.939	ug/l 94
22) Diisopropyl ether	6.671	45	378916	55.518	ug/l 98
23) Vinyl Acetate	6.600	43	1408577	285.284	ug/l 100
24) 1,1-Dichloroethane	6.565	63	216416	52.638	ug/l 99
25) 2-Butanone	7.477	43	383197	295.735	ug/l 99
26) 2,2-Dichloropropane	7.489	77	184620	51.255	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	127486	52.542	ug/l 95
28) Bromochloromethane	7.812	49	103243	54.036	ug/l # 98
29) Tetrahydrofuran	7.836	42	255434	306.036	ug/l 98
30) Chloroform	7.959	83	219711	52.236	ug/l 99
31) Cyclohexane	8.253	56	180017	47.950	ug/l 99
32) 1,1,1-Trichloroethane	8.165	97	198220	52.768	ug/l 98
36) 1,1-Dichloropropene	8.371	75	153742	54.982	ug/l 99
37) Ethyl Acetate	7.559	43	155194	55.839	ug/l 100
38) Carbon Tetrachloride	8.359	117	172549	56.613	ug/l 97
39) Methylcyclohexane	9.600	83	154314	53.190	ug/l 97
40) Benzene	8.600	78	466971	55.235	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	87133	61.215	ug/l	99
42) 1,2-Dichloroethane	8.665	62	173255	57.159	ug/l	98
43) Isopropyl Acetate	8.683	43	263086	57.488	ug/l	100
44) Trichloroethene	9.353	130	104214	52.066	ug/l	96
45) 1,2-Dichloropropane	9.618	63	119473	55.668	ug/l	99
46) Dibromomethane	9.706	93	84448	56.579	ug/l	98
47) Bromodichloromethane	9.883	83	175418	56.546	ug/l	98
48) Methyl methacrylate	9.677	41	127726	64.321	ug/l	97
49) 1,4-Dioxane	9.688	88	39261	1310.415	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	816152	317.351	ug/l	100
52) Toluene	10.630	92	287552	57.123	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	177407	58.151	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	186818	56.630	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	108812	57.253	ug/l	97
56) Ethyl methacrylate	10.871	69	177687	64.194	ug/l	99
57) 1,3-Dichloropropane	11.159	76	193571	58.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	412364	307.920	ug/l	99
59) 2-Hexanone	11.194	43	593634	332.698	ug/l	99
60) Dibromochloromethane	11.353	129	129653	60.567	ug/l	99
61) 1,2-Dibromoethane	11.465	107	108540	57.725	ug/l	99
64) Tetrachloroethene	11.100	164	91254	52.843	ug/l	99
65) Chlorobenzene	11.888	112	304600	51.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	110014	55.658	ug/l	99
67) Ethyl Benzene	11.959	91	544983	55.643	ug/l	100
68) m/p-Xylenes	12.071	106	414998	115.782	ug/l	99
69) o-Xylene	12.394	106	197141	56.856	ug/l	97
70) Styrene	12.406	104	336075	59.804	ug/l	99
71) Bromoform	12.577	173	83221	60.788	ug/l #	99
73) Isopropylbenzene	12.694	105	504546	52.845	ug/l	100
74) N-amyl acetate	12.494	43	228734	55.969	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	157872	51.917	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	129596m	52.270	ug/l	
77) Bromobenzene	12.977	156	119623	50.570	ug/l	97
78) n-propylbenzene	13.035	91	600521	53.959	ug/l	99
79) 2-Chlorotoluene	13.124	91	368254	52.575	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	431056	55.816	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	56552	54.625	ug/l	97
82) 4-Chlorotoluene	13.218	91	366293	51.925	ug/l	99
83) tert-Butylbenzene	13.435	119	346818	51.843	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	430807	56.023	ug/l	100
85) sec-Butylbenzene	13.612	105	490587	52.831	ug/l	99
86) p-Isopropyltoluene	13.729	119	416176	50.088	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	221637	51.685	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	221424	50.268	ug/l	100
89) n-Butylbenzene	14.053	91	348279	51.219	ug/l	100
90) Hexachloroethane	14.329	117	83614	54.933	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	212723	52.075	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	32476	60.008	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	102945	50.494	ug/l	100
94) Hexachlorobutadiene	15.494	225	46136	45.546	ug/l	95
95) Naphthalene	15.641	128	327501	47.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	100636	49.404	ug/l	98

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

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

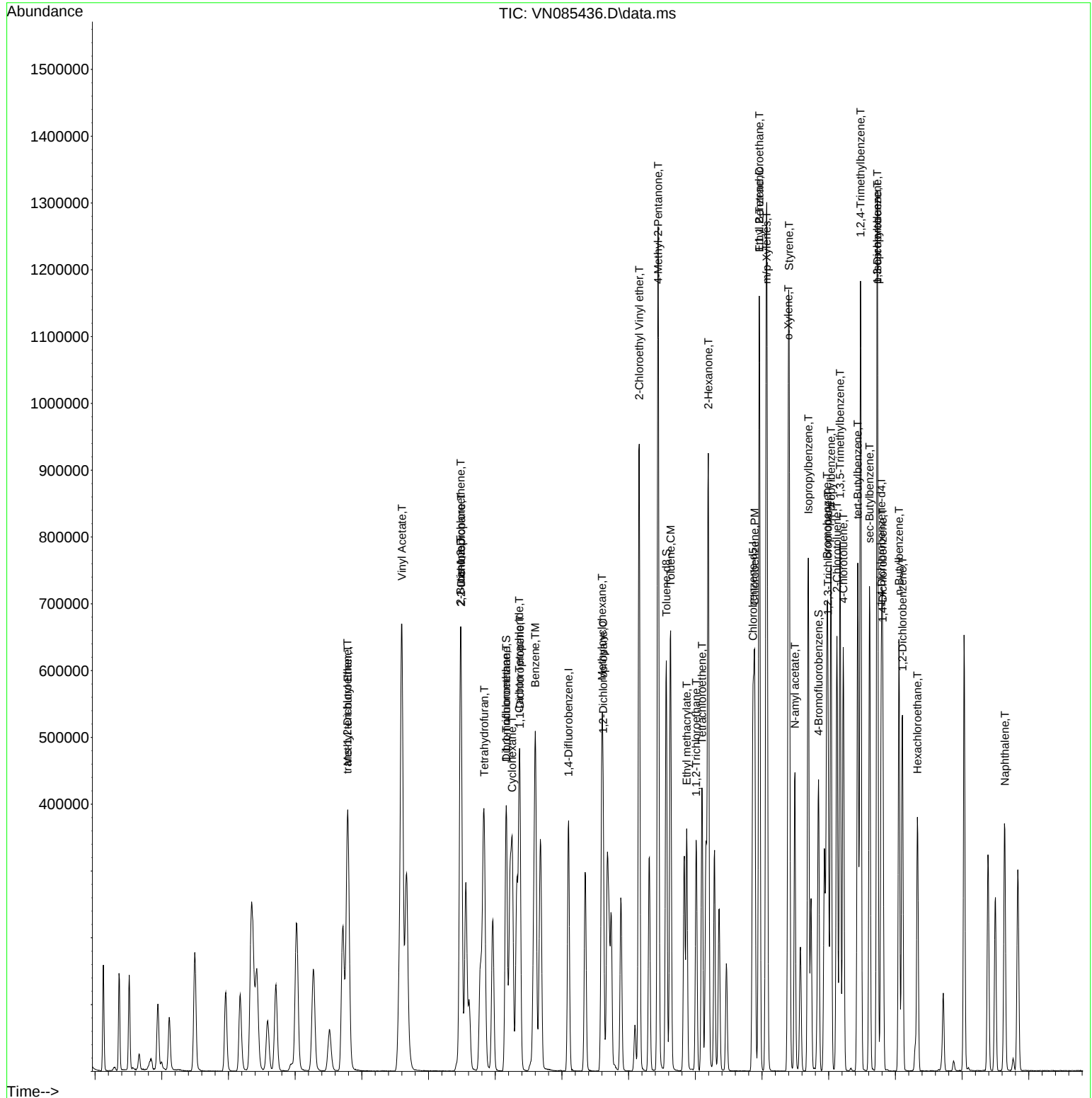
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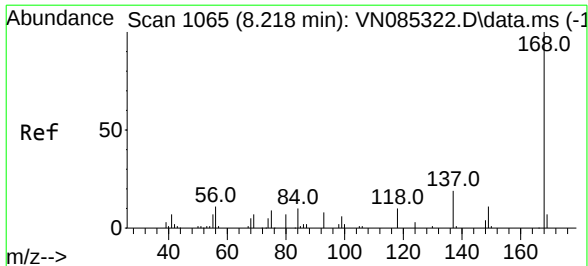
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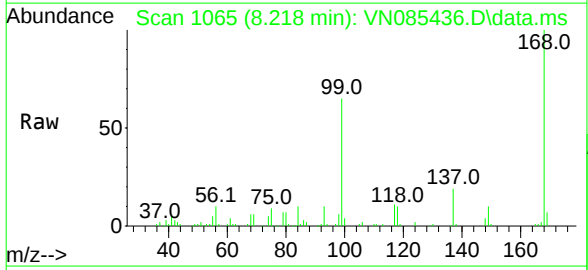
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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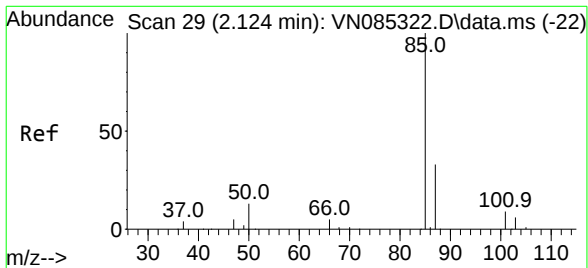
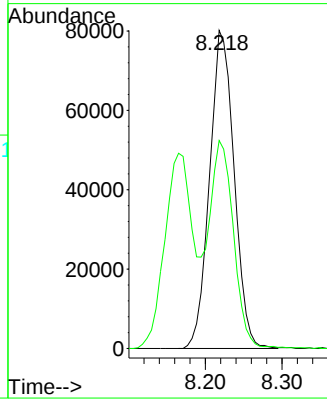
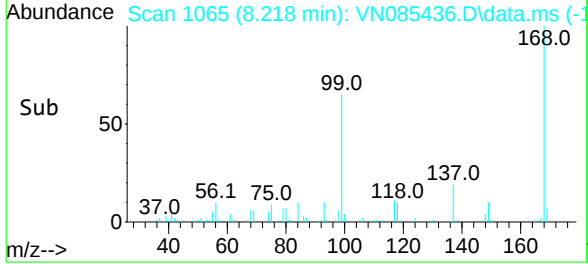
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 178083
Ion Ratio Lower Upper
168 100
99 65.0 51.0 76.4

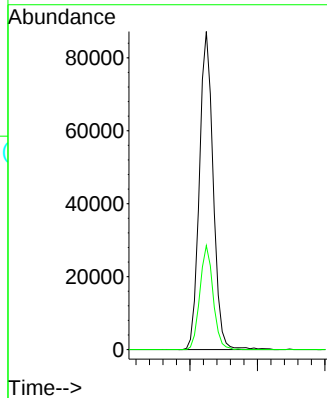
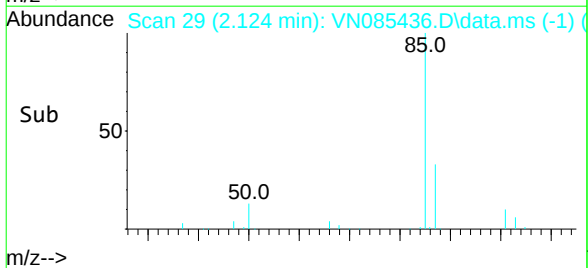
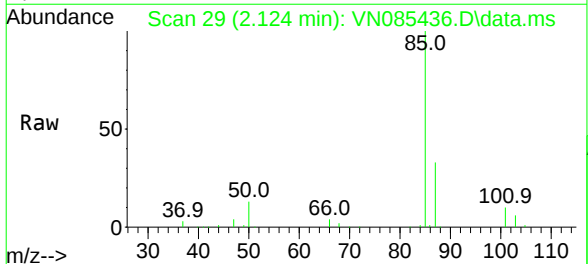
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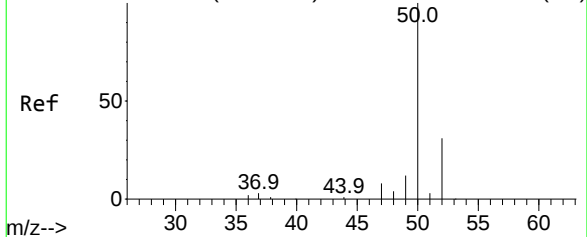


#2
Dichlorodifluoromethane
Concen: 51.277 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 85 Resp: 123499
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.3



Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-62)



#3
Chloromethane
Concen: 47.770 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :

MSVOA_N

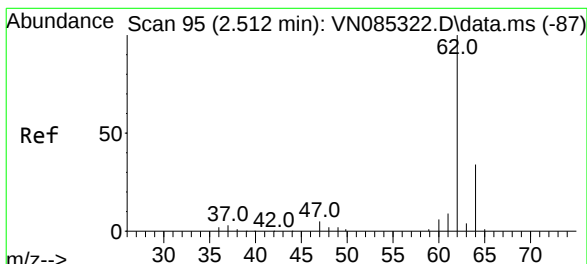
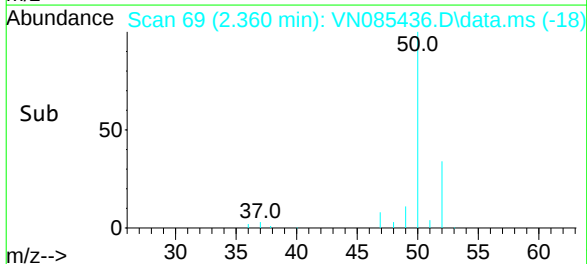
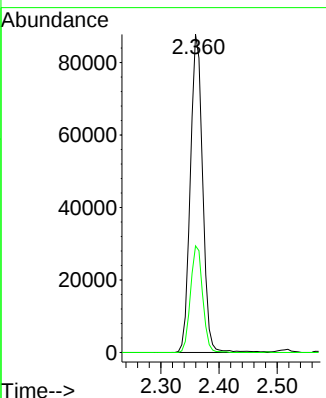
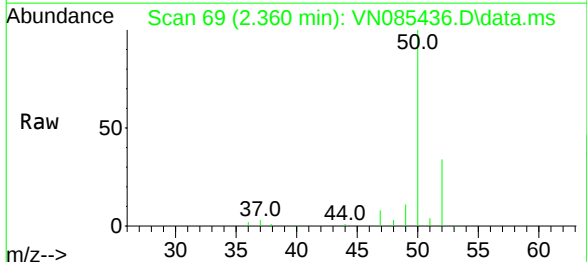
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 129309
Ion Ratio Lower Upper
50 100
52 33.5 25.1 37.7

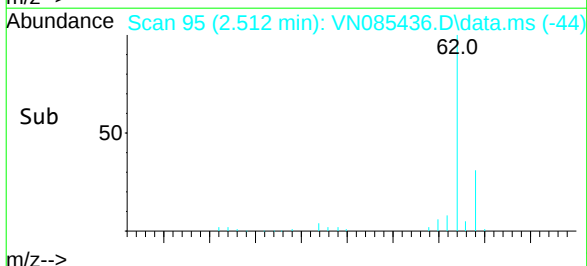
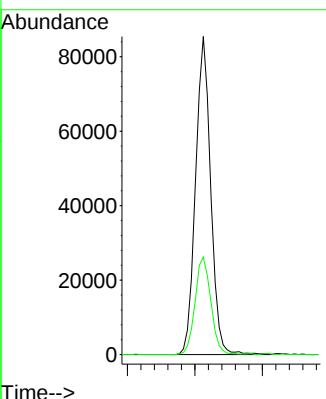
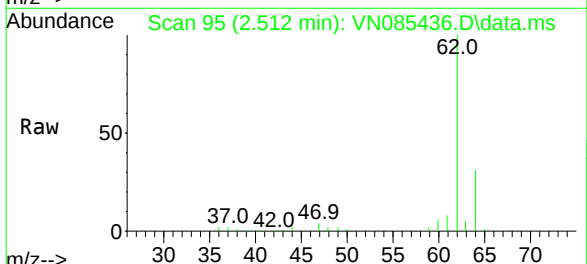
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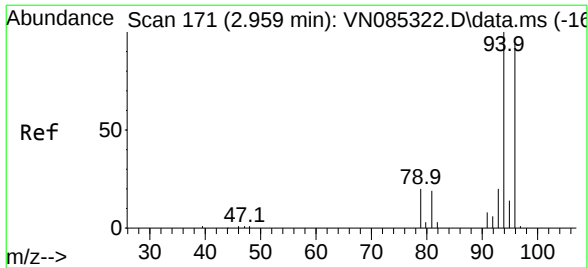
Reviewed By :John Carlone 01/14/2025
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#4
Vinyl Chloride
Concen: 46.462 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 62 Resp: 133011
Ion Ratio Lower Upper
62 100
64 30.6 27.0 40.6





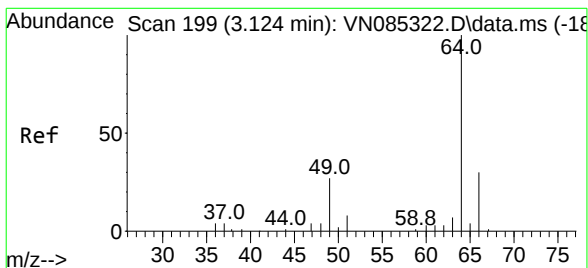
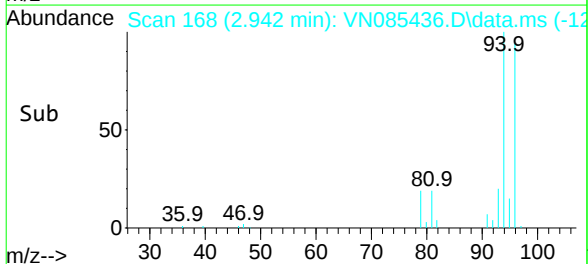
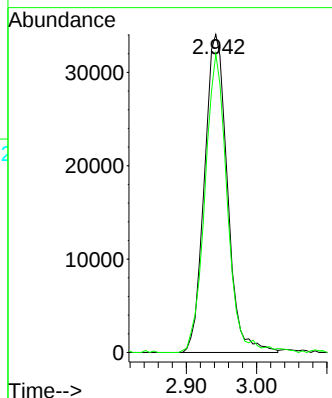
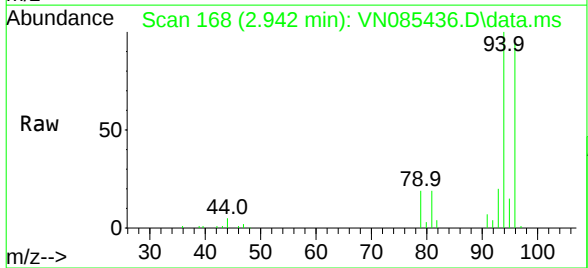
#5
Bromomethane
Concen: 41.280 ug/l
RT: 2.942 min Scan# 16
Delta R.T. -0.017 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

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Tgt Ion: 94 Resp: 77287
Ion Ratio Lower Upper
94 100
96 93.8 75.2 112.8

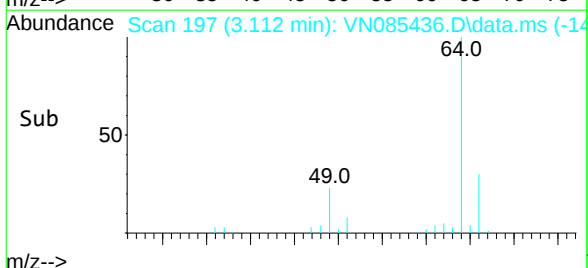
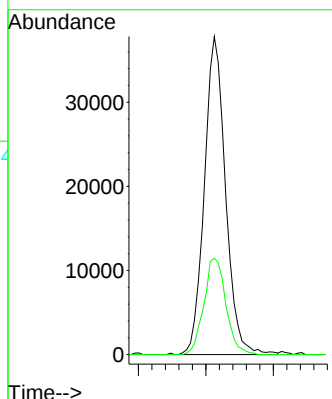
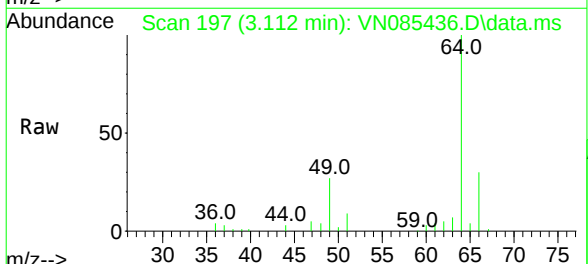
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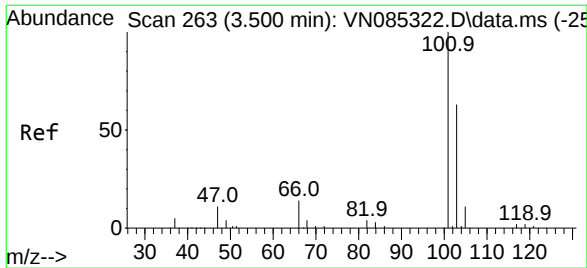
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#6
Chloroethane
Concen: 45.404 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

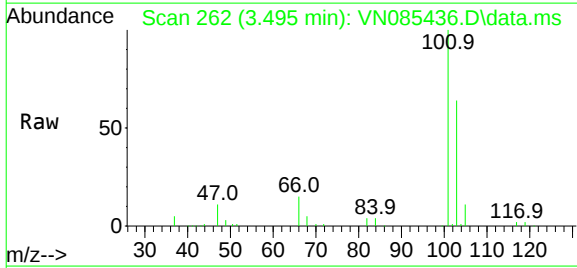
Tgt Ion: 64 Resp: 82432
Ion Ratio Lower Upper
64 100
66 30.3 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 51.183 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085436.D
 Acq: 13 Jan 2025 19:30

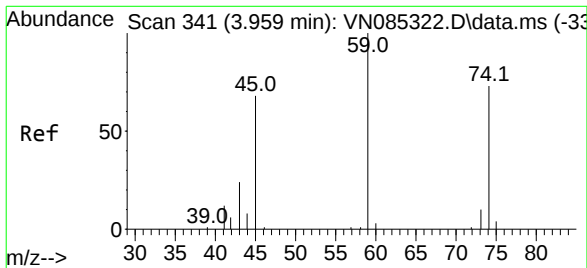
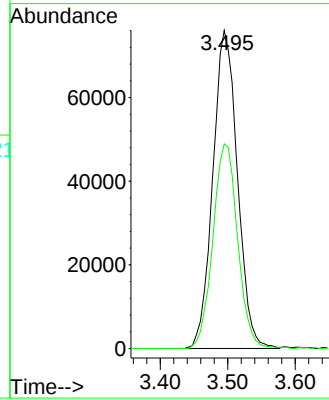
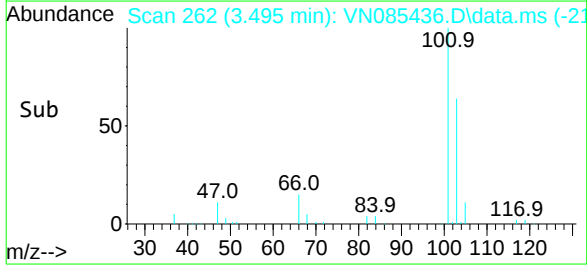
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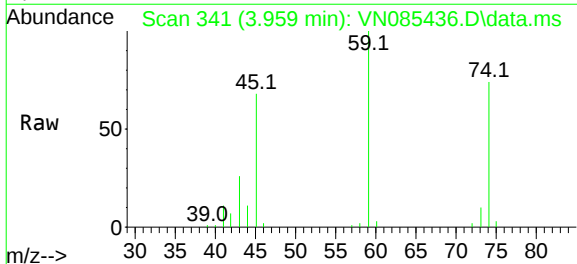
Tgt Ion:101 Resp: 192614
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.3 75.5

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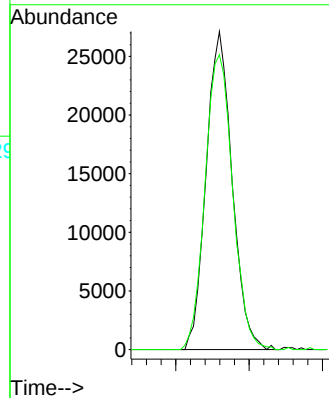
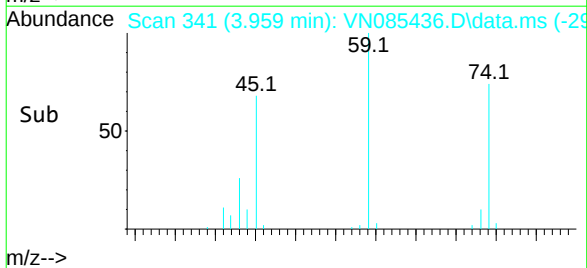
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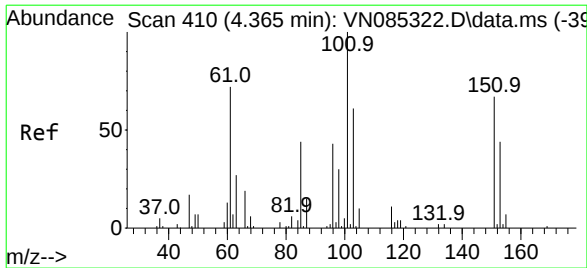


#8
 Diethyl Ether
 Concen: 53.615 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085436.D
 Acq: 13 Jan 2025 19:30



Tgt Ion: 74 Resp: 66806
 Ion Ratio Lower Upper
 74 100
 45 98.7 47.5 142.6





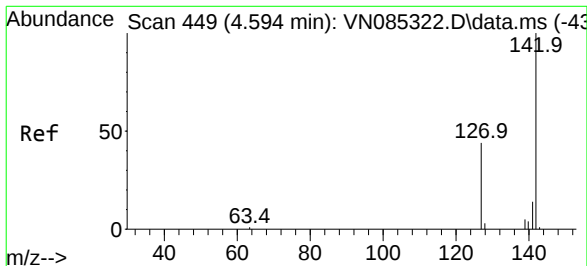
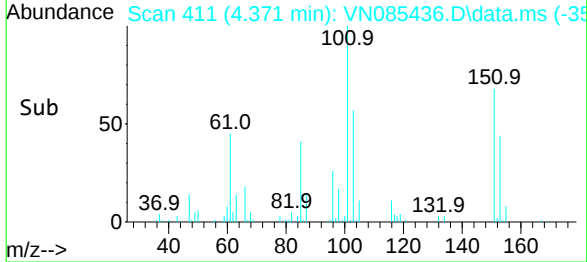
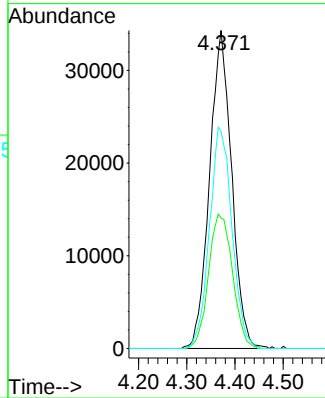
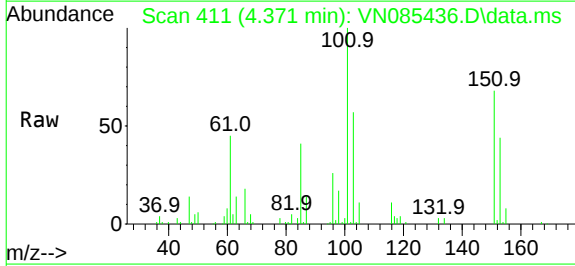
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.913 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 109021
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 71.0 55.8 83.6

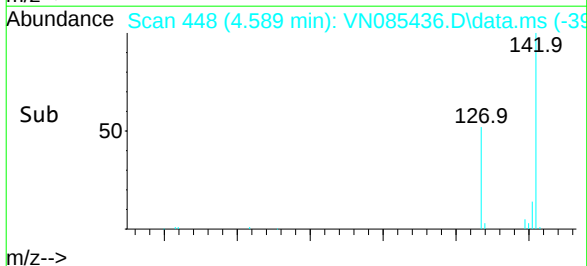
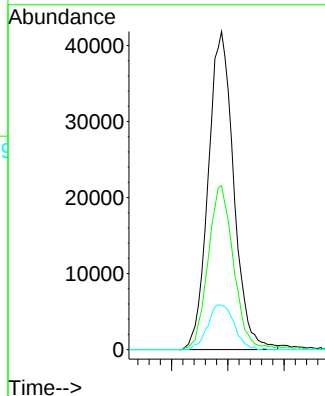
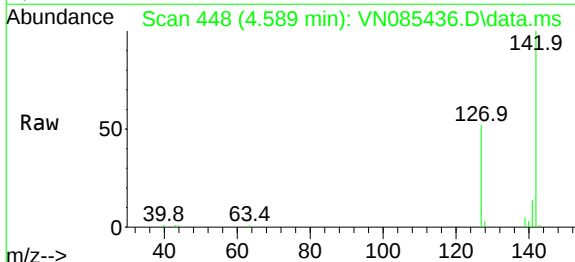
Manual Integrations
APPROVED

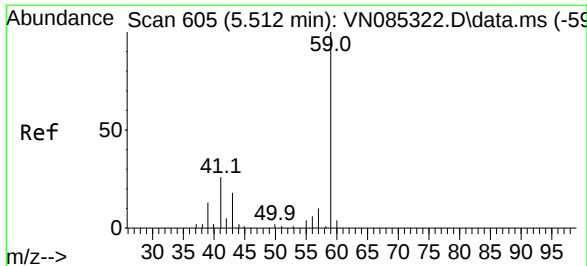
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#10
Methyl Iodide
Concen: 53.085 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:142 Resp: 131545
Ion Ratio Lower Upper
142 100
127 51.5 35.3 52.9
141 13.9 11.5 17.3





#11

Tert butyl alcohol

Concen: 327.237 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 104080

Ion Ratio Lower Upper

59 100

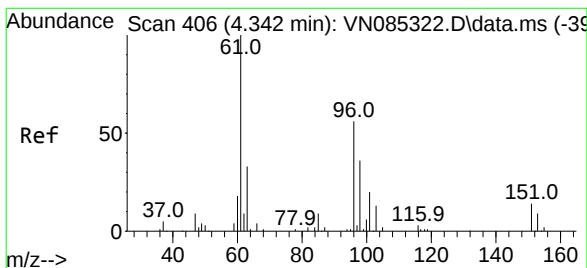
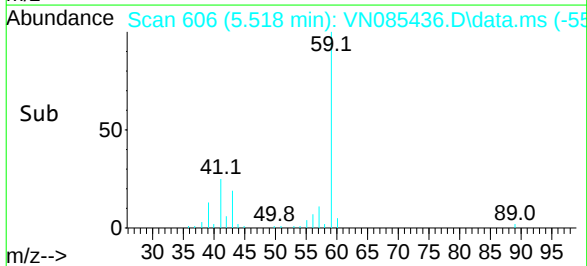
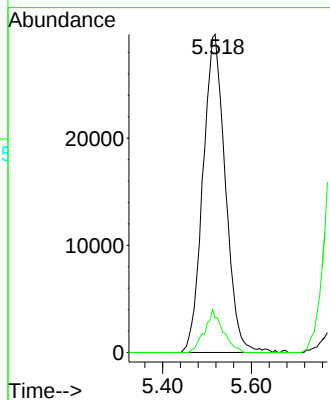
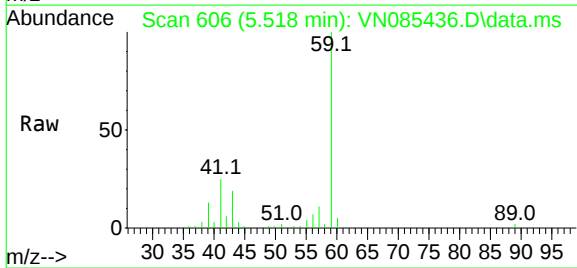
57 11.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#12

1,1-Dichloroethene

Concen: 51.042 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

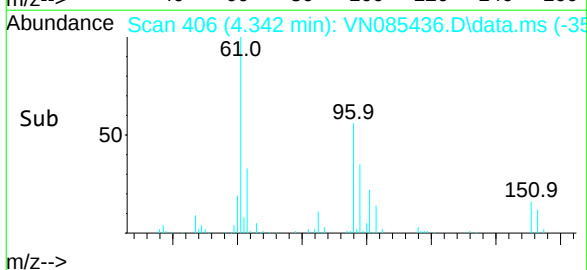
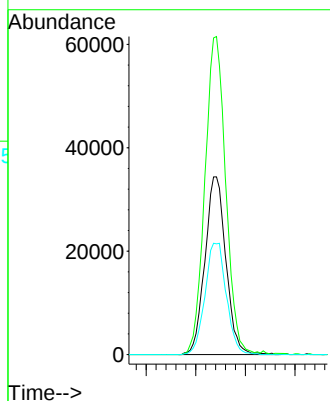
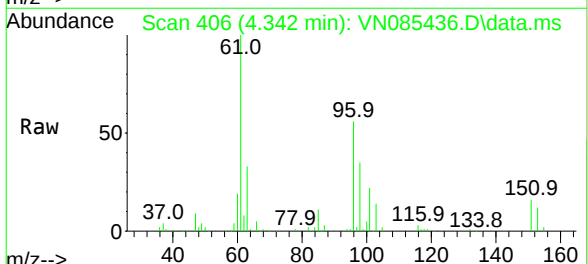
Tgt Ion: 96 Resp: 101009

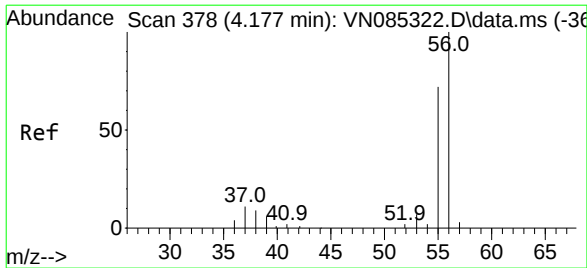
Ion Ratio Lower Upper

96 100

61 179.0 142.4 213.6

98 62.3 51.5 77.3





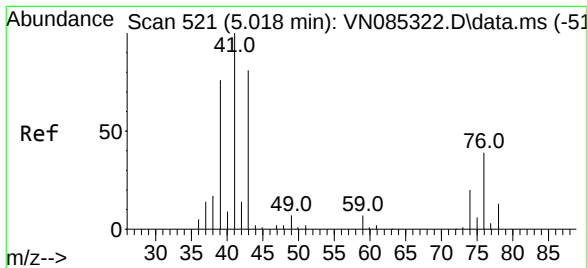
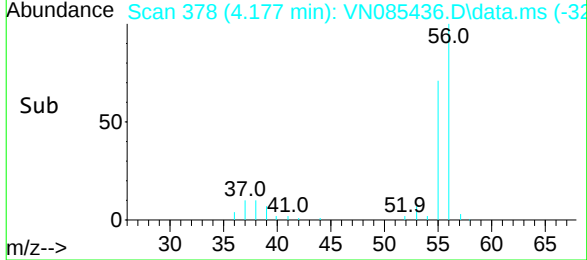
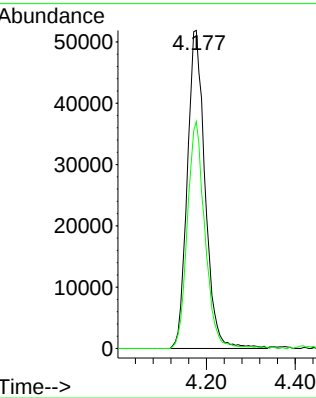
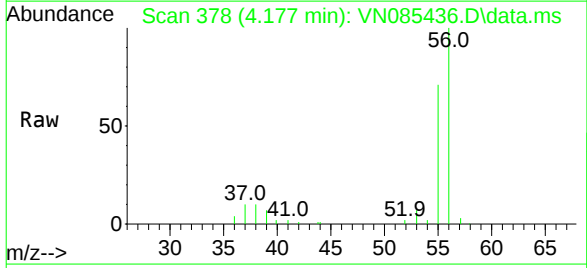
#13
Acrolein
Concen: 290.807 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 144203
Ion Ratio Lower Upper
56 100
55 70.1 57.5 86.3

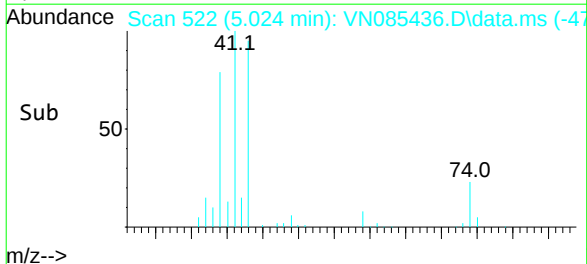
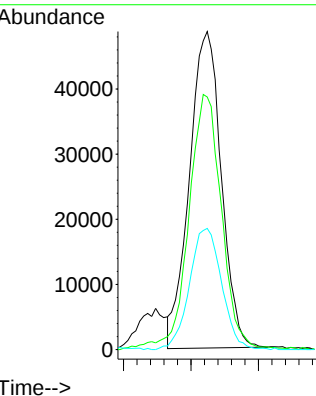
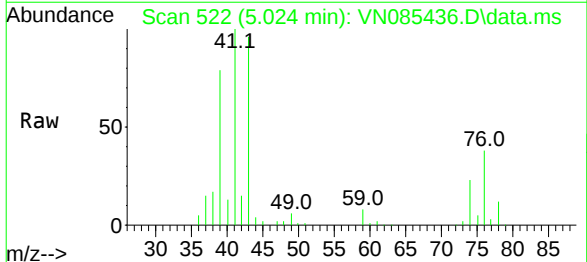
Manual Integrations
APPROVED

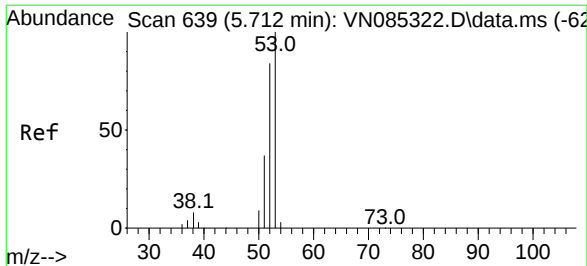
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#14
Allyl chloride
Concen: 50.408 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

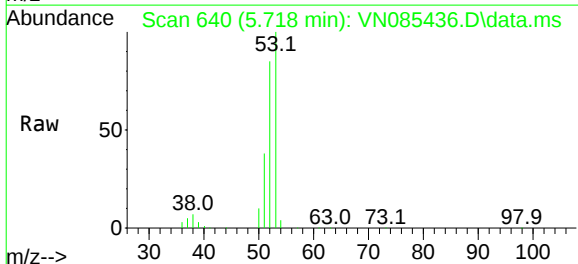
Tgt Ion: 41 Resp: 159654
Ion Ratio Lower Upper
41 100
39 82.9 64.4 96.6
76 38.6 31.5 47.3





#15
Acrylonitrile
Concen: 285.635 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

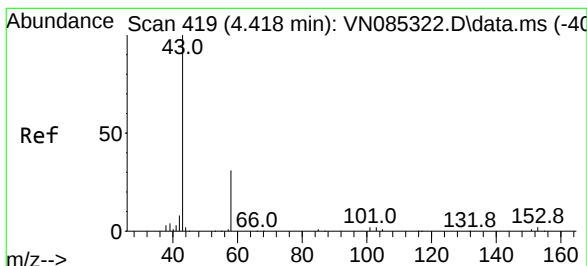
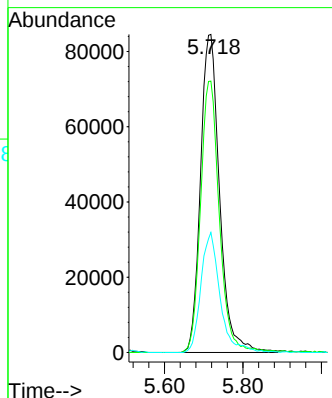
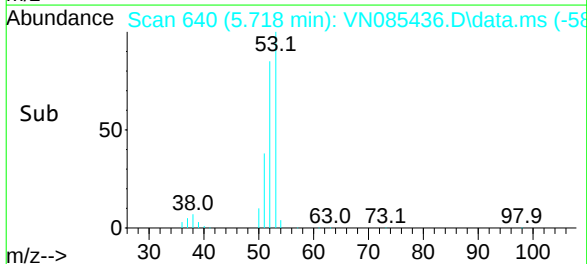
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



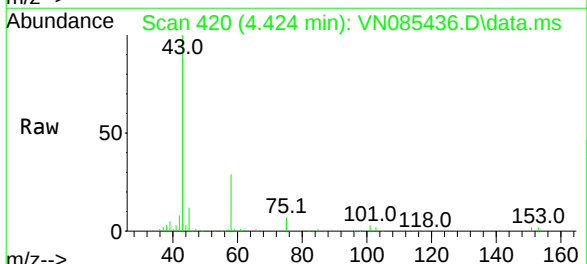
Tgt Ion: 53 Resp: 285933
Ion Ratio Lower Upper
53 100
52 83.8 66.6 100.0
51 37.7 29.6 44.4

Manual Integrations
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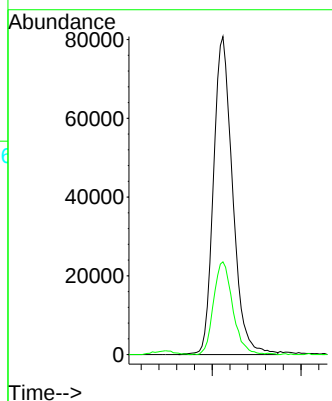
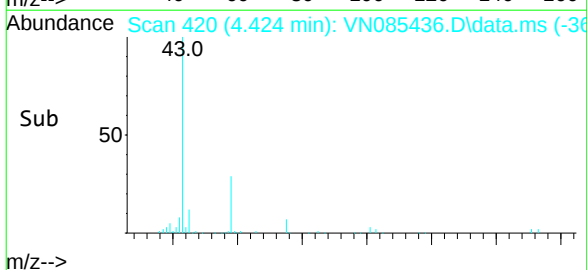
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

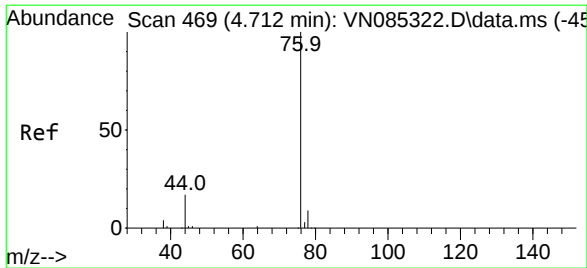


#16
Acetone
Concen: 289.093 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30



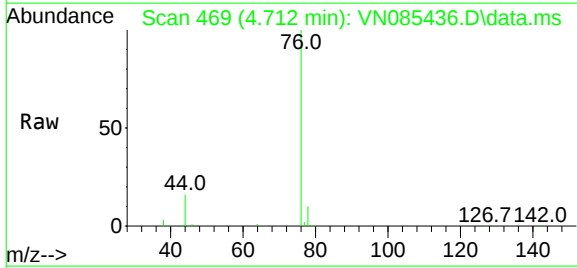
Tgt Ion: 43 Resp: 241454
Ion Ratio Lower Upper
43 100
58 29.2 24.5 36.7





#17
Carbon Disulfide
Concen: 47.952 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

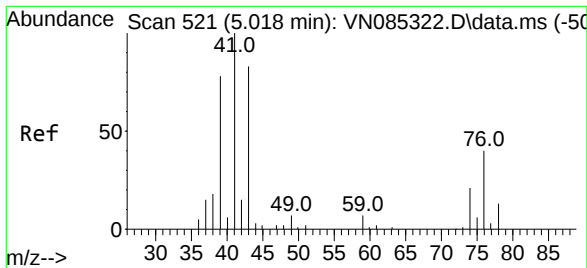
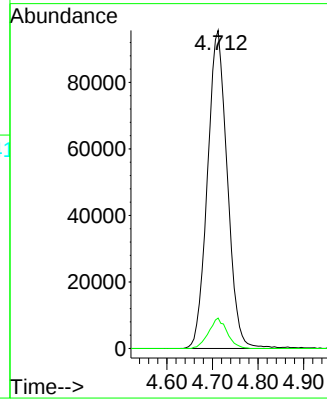
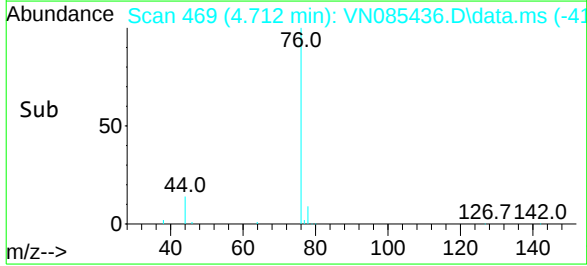
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 288686
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

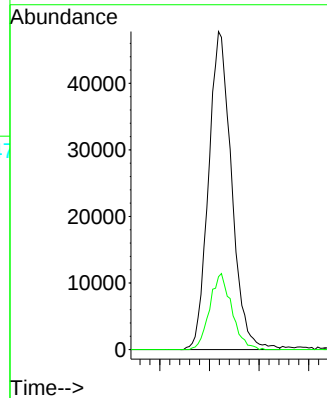
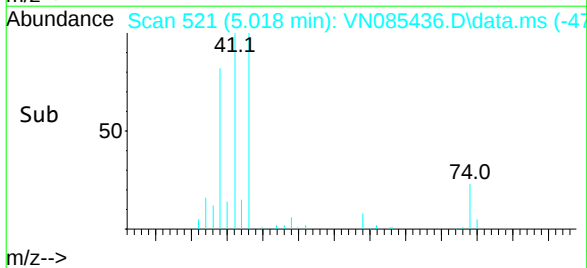
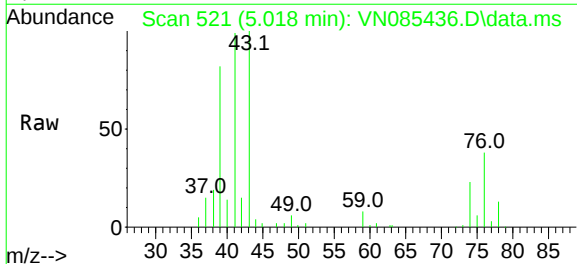
Manual Integrations
APPROVED

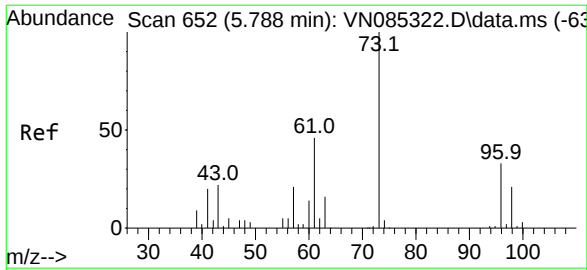
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#18
Methyl Acetate
Concen: 60.165 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 43 Resp: 153846
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.6





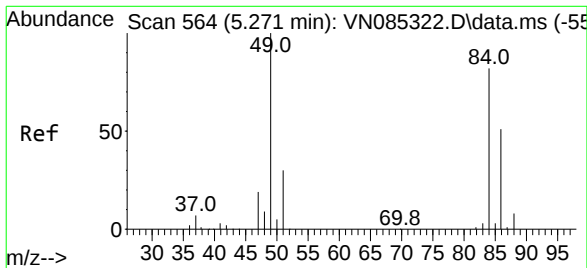
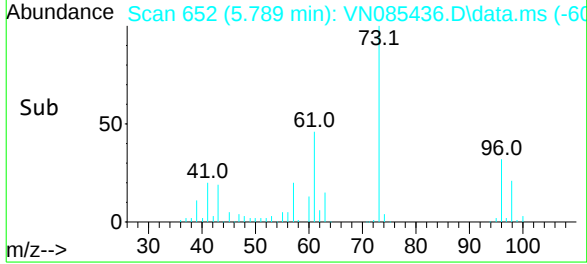
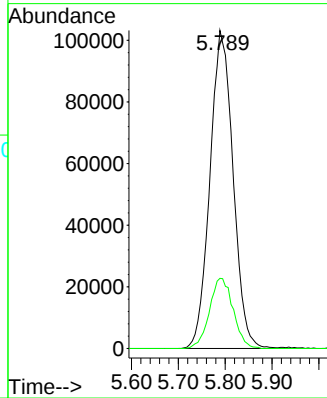
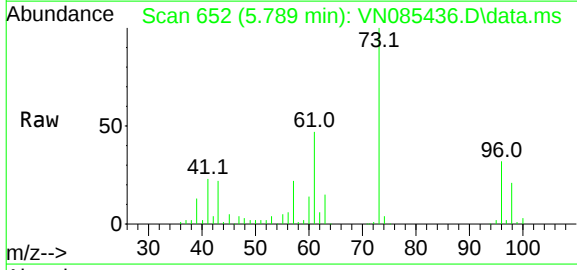
#19
Methyl tert-butyl Ether
Concen: 55.017 ug/l
RT: 5.789 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 353885
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

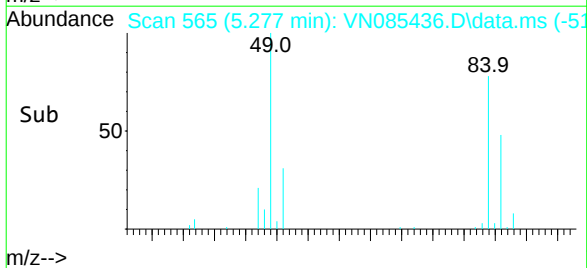
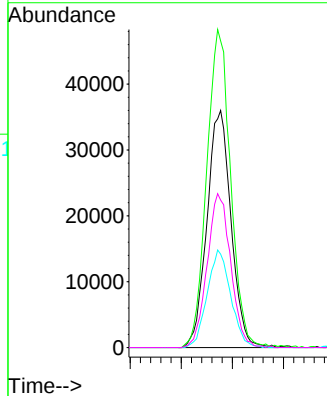
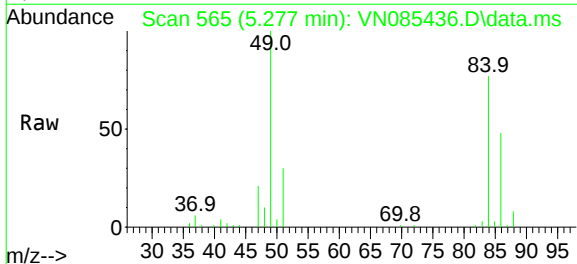
Manual Integrations
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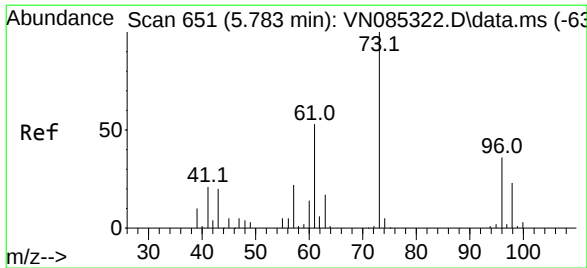
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#20
Methylene Chloride
Concen: 52.450 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 84 Resp: 117831
Ion Ratio Lower Upper
84 100
49 129.3 97.6 146.4
51 39.4 29.1 43.7
86 62.2 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 50.939 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 105304

Ion Ratio Lower Upper

96 100

61 157.0 118.0 177.0

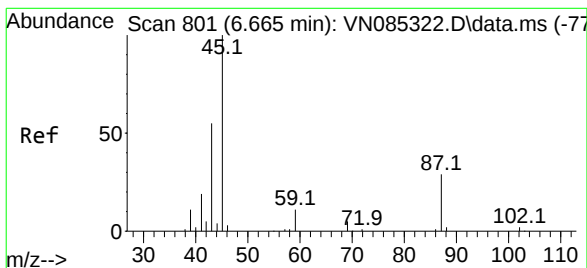
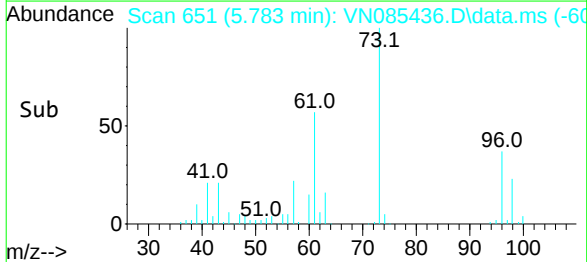
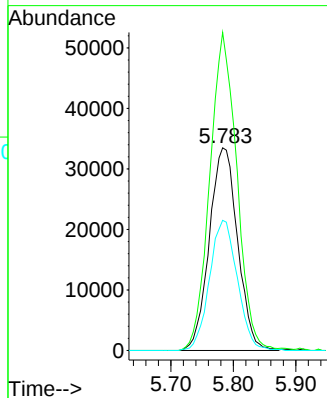
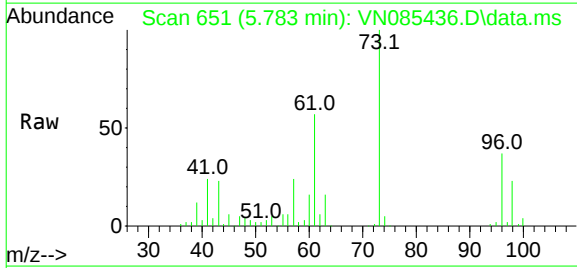
98 64.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#22

Diisopropyl ether

Concen: 55.518 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Tgt Ion: 45 Resp: 378916

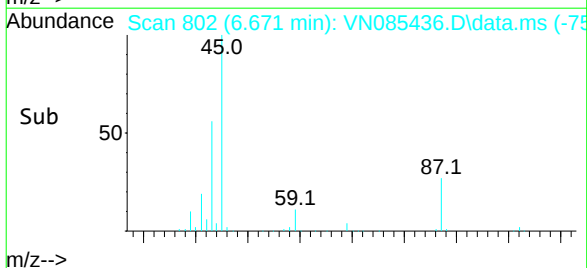
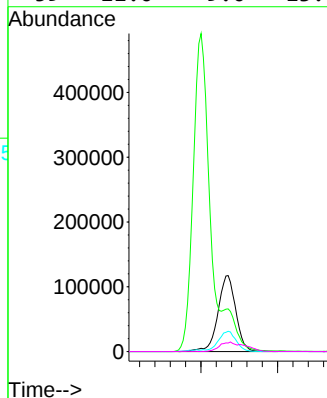
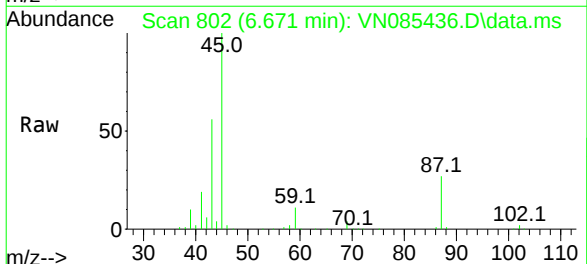
Ion Ratio Lower Upper

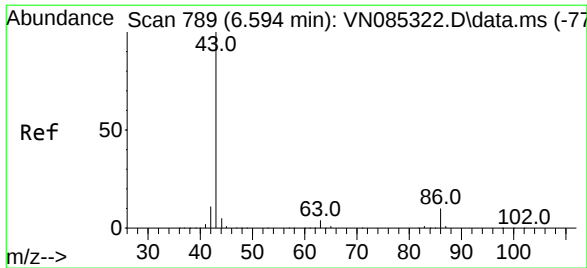
45 100

43 55.5 44.1 66.1

87 26.7 23.2 34.8

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 285.284 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1408577

Ion Ratio Lower Upper

43 100

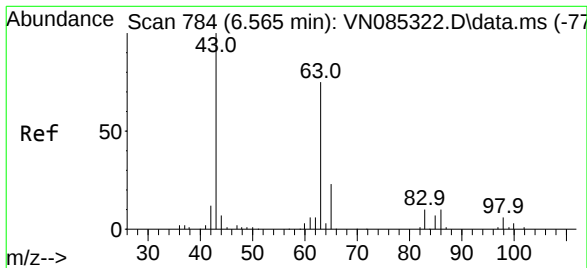
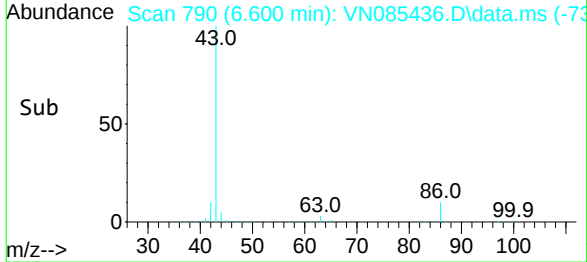
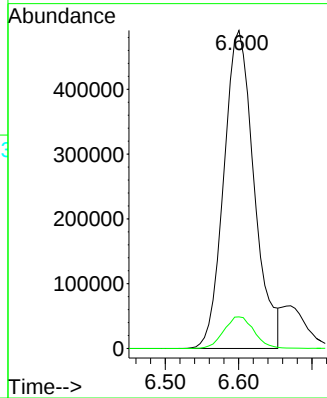
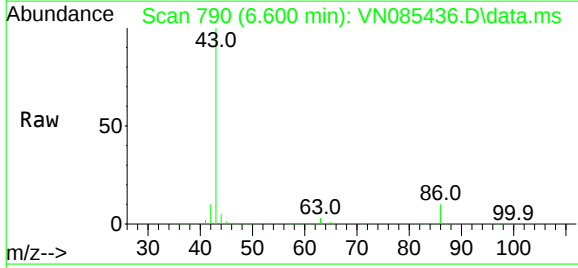
86 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#24

1,1-Dichloroethane

Concen: 52.638 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

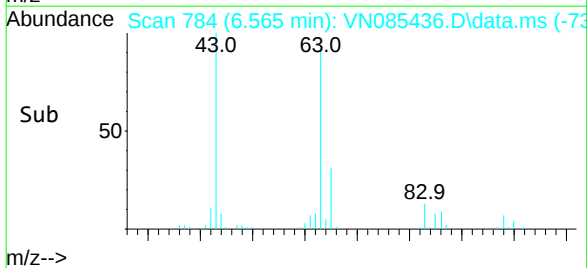
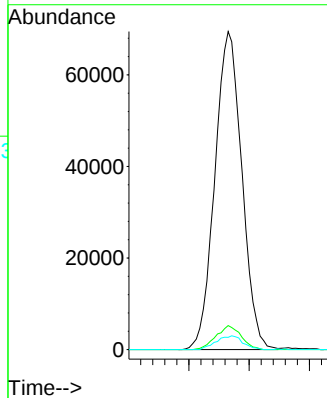
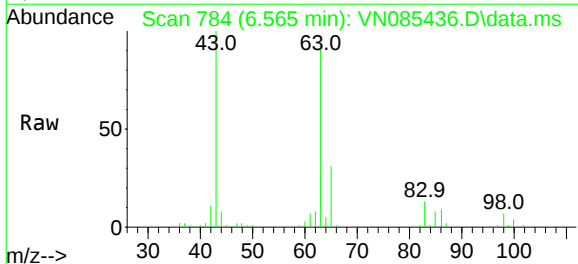
Tgt Ion: 63 Resp: 216416

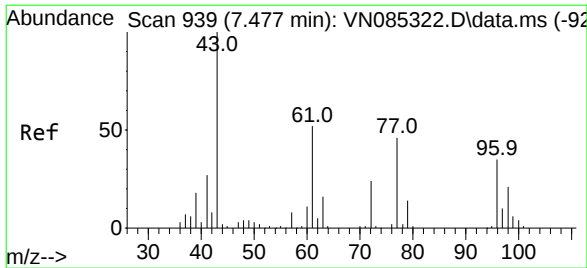
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 3.9 2.3 6.8





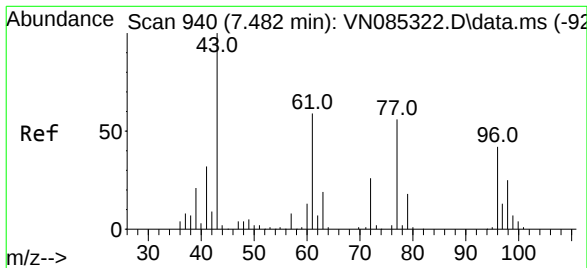
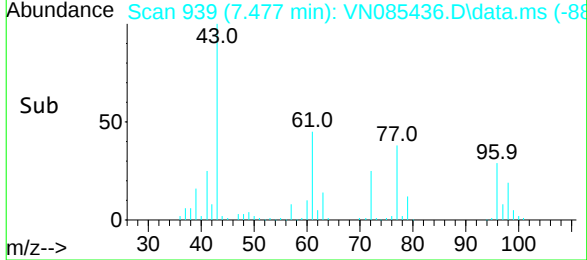
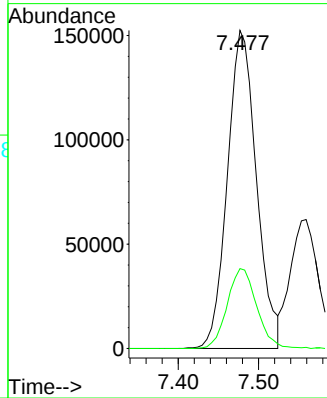
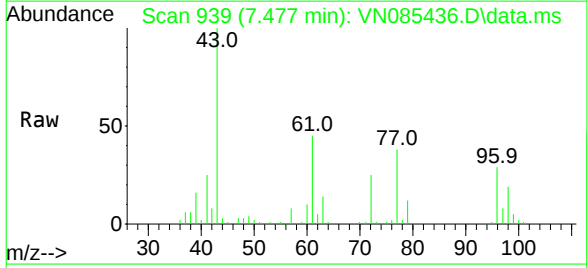
#25
2-Butanone
Concen: 295.735 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 383197
Ion Ratio Lower Upper
43 100
72 25.1 19.6 29.4

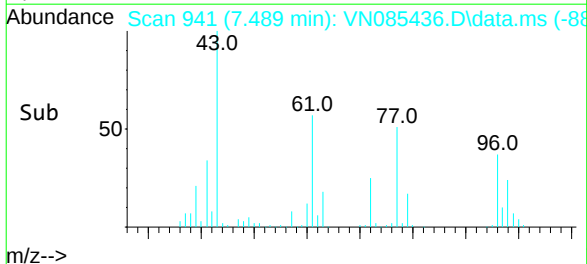
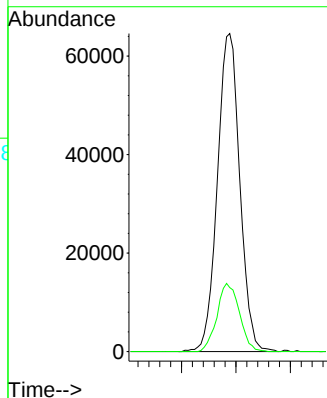
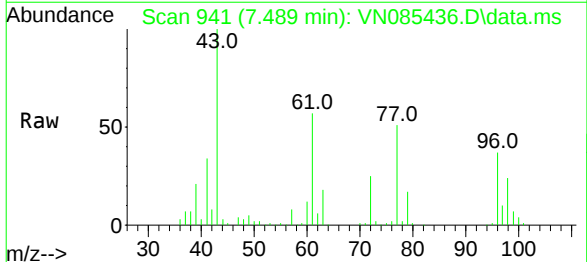
Manual Integrations
APPROVED

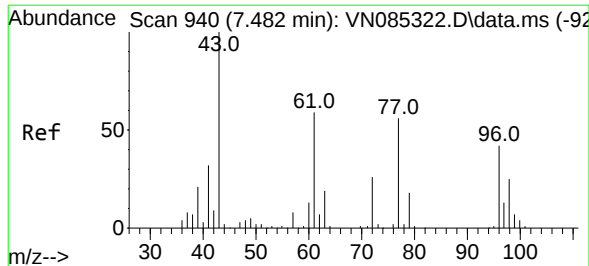
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#26
2,2-Dichloropropane
Concen: 51.255 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

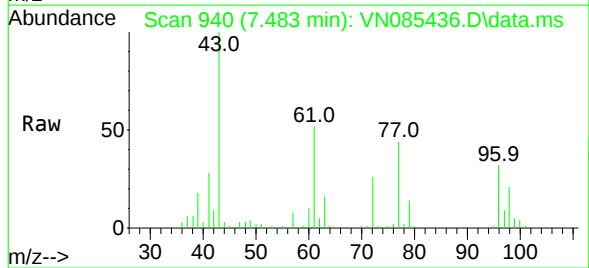
Tgt Ion: 77 Resp: 184620
Ion Ratio Lower Upper
77 100
97 21.5 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.542 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085436.D
 Acq: 13 Jan 2025 19:30

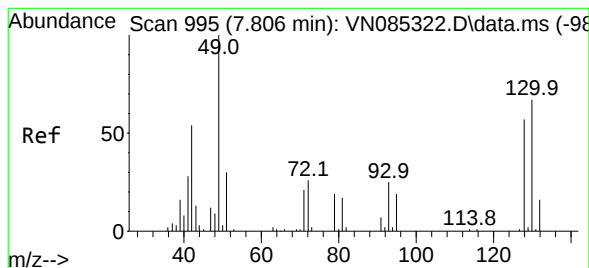
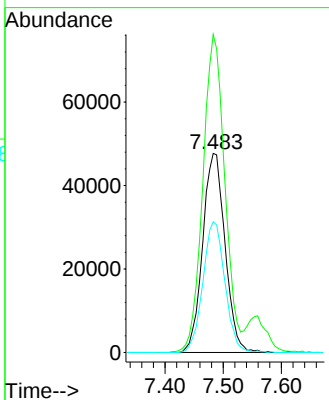
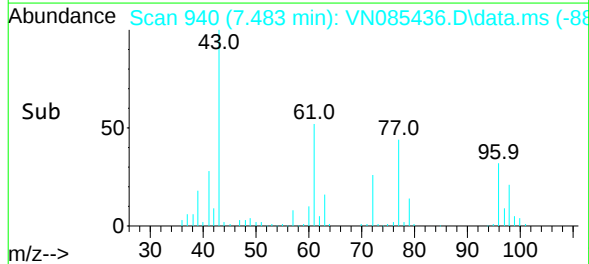
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



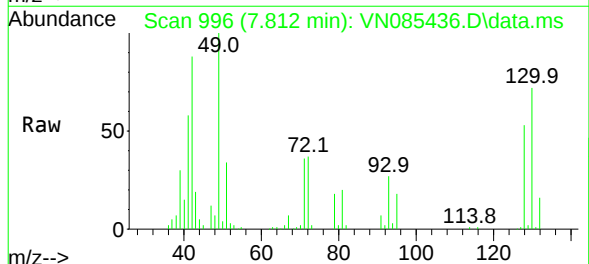
Tgt Ion: 96 Resp: 127486
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 296.4
 98 64.4 0.0 124.2

Manual Integrations
 APPROVED

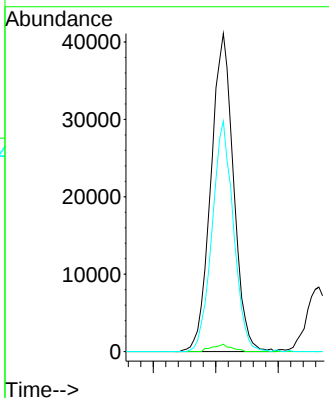
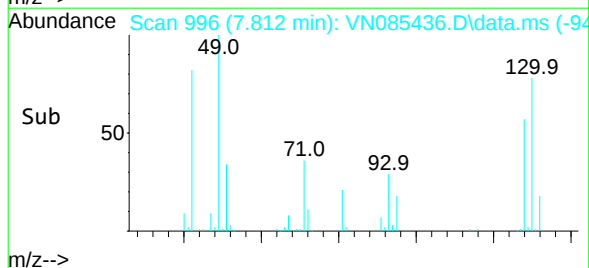
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025

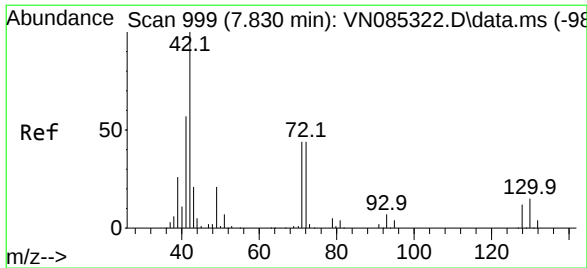


#28
 Bromochloromethane
 Concen: 54.036 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085436.D
 Acq: 13 Jan 2025 19:30



Tgt Ion: 49 Resp: 103243
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.0
 130 68.5 0.0 0.0#





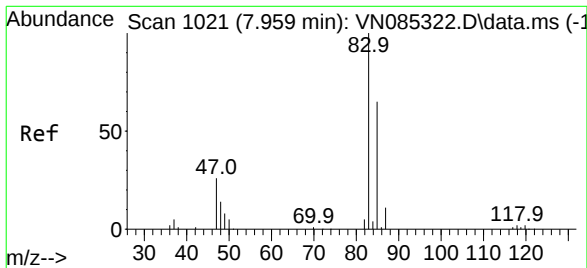
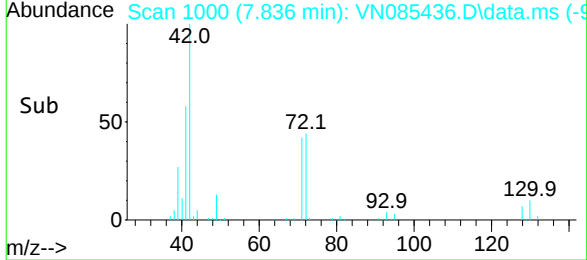
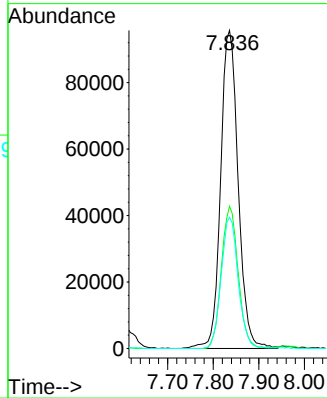
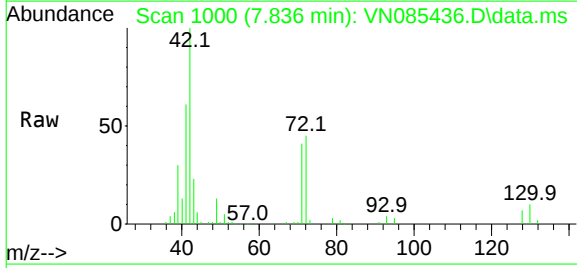
#29
Tetrahydrofuran
Concen: 306.036 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 255434
Ion Ratio Lower Upper
42 100
72 42.8 35.1 52.7
71 40.0 33.4 50.0

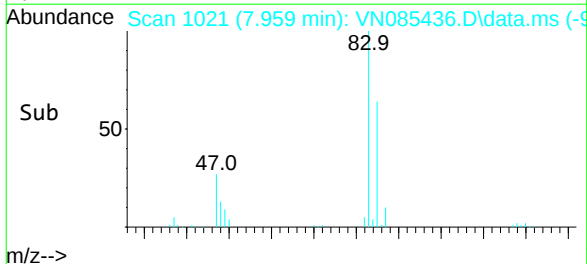
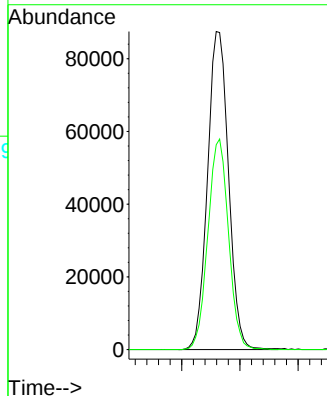
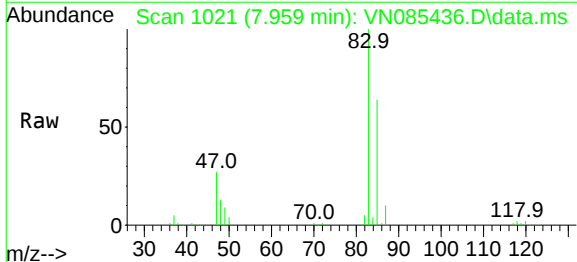
Manual Integrations
APPROVED

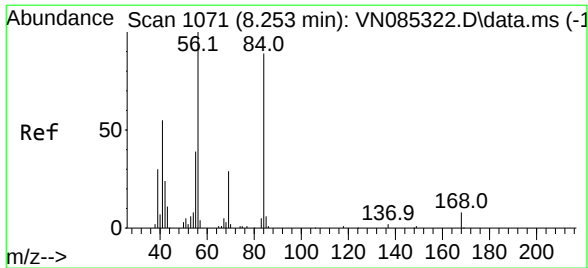
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#30
Chloroform
Concen: 52.236 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

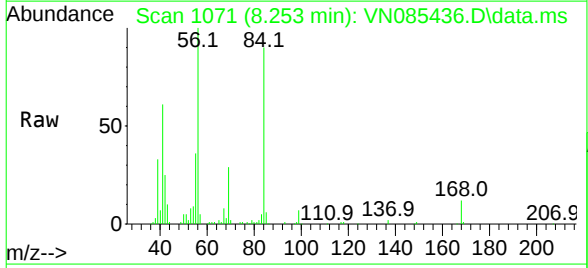
Tgt Ion: 83 Resp: 219711
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0





#31
Cyclohexane
Concen: 47.950 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

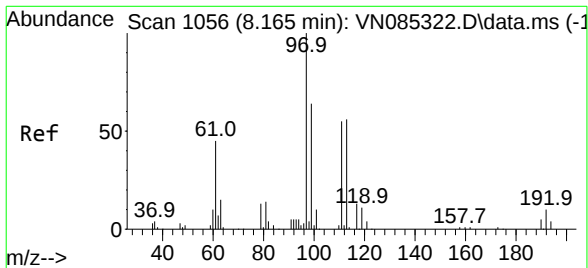
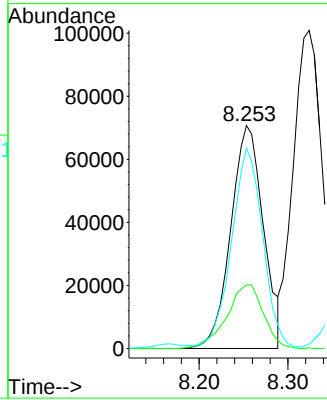
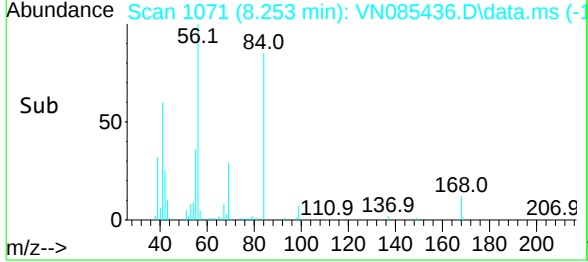
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 180017
Ion Ratio Lower Upper
56 100
69 28.5 23.4 35.0
84 88.4 71.0 106.6

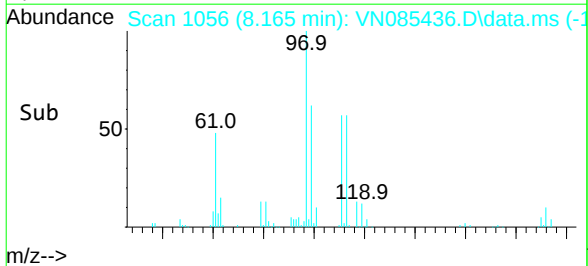
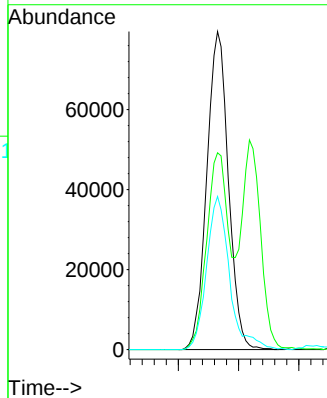
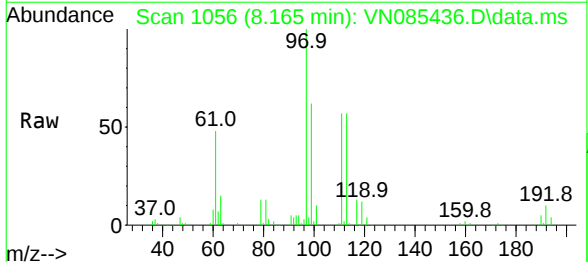
Manual Integrations
APPROVED

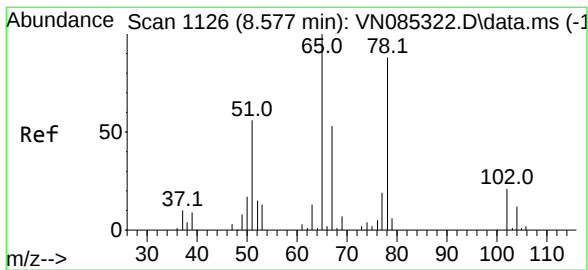
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#32
1,1,1-Trichloroethane
Concen: 52.768 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

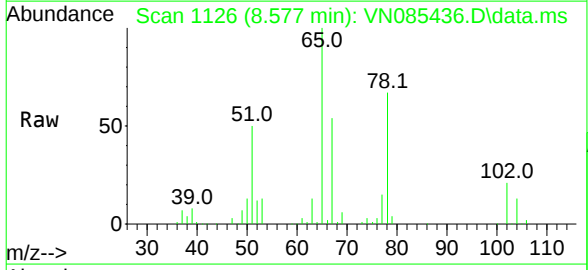
Tgt Ion: 97 Resp: 198220
Ion Ratio Lower Upper
97 100
99 64.7 53.3 79.9
61 51.1 39.6 59.4





#33
1,2-Dichloroethane-d4
Concen: 58.612 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

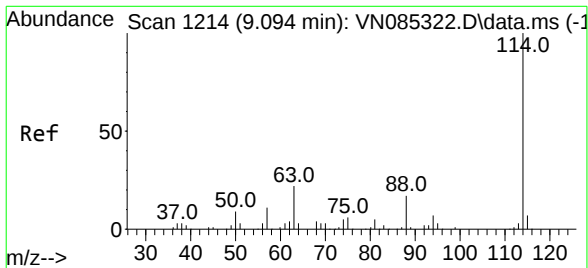
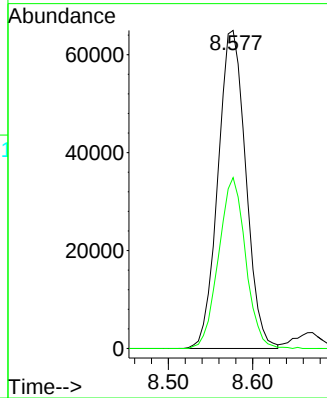
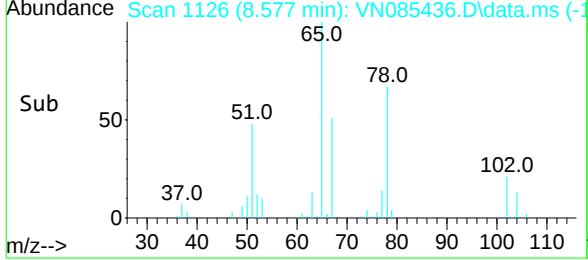
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



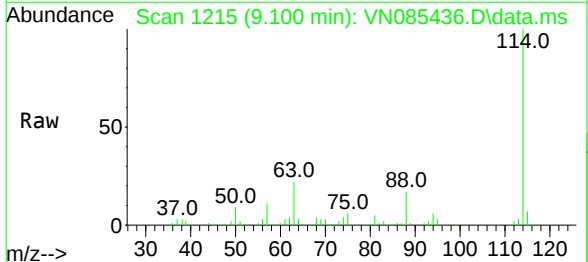
Tgt Ion: 65 Resp: 148874
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

Manual Integrations
APPROVED

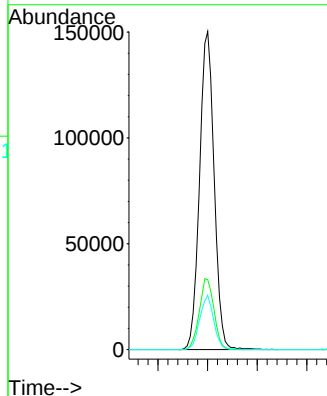
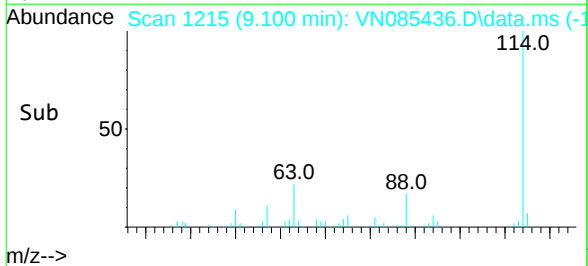
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

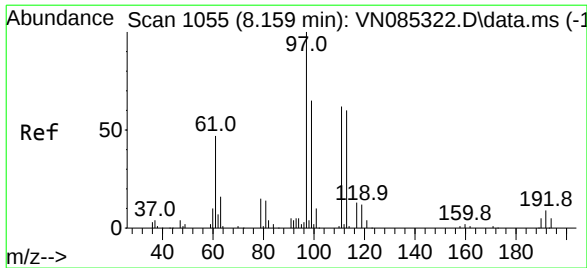


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30



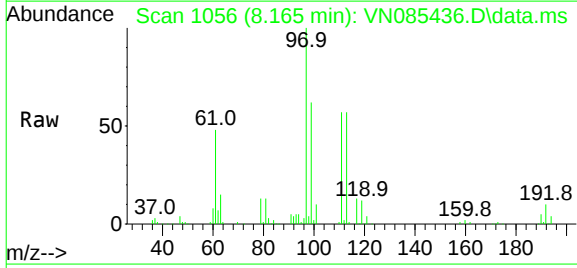
Tgt Ion:114 Resp: 306126
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 17.1 0.0 33.6





#35
Dibromofluoromethane
Concen: 56.348 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

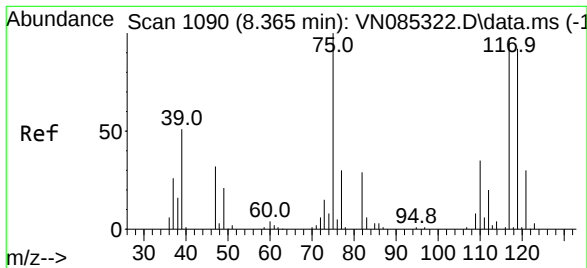
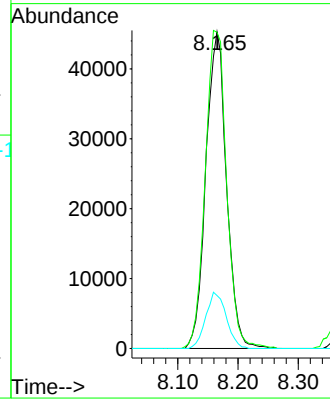
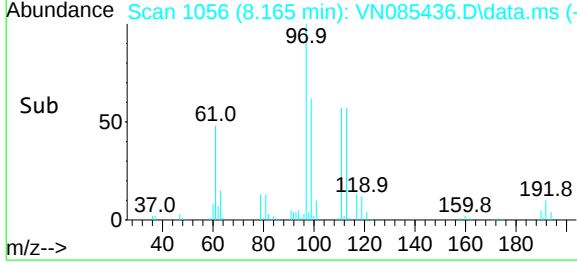
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



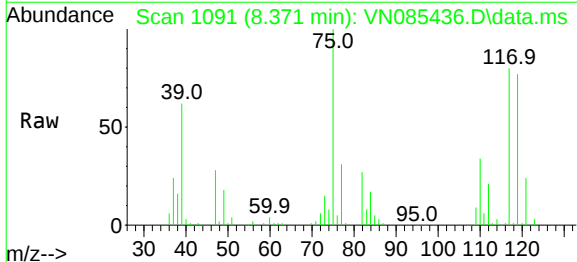
Tgt Ion:113 Resp: 107612
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 17.6 12.9 19.3

Manual Integrations
APPROVED

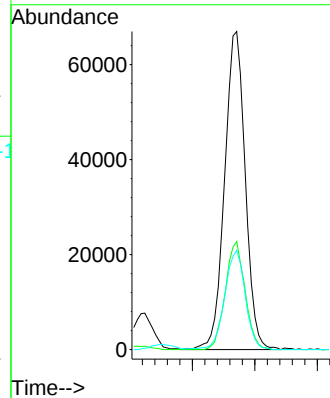
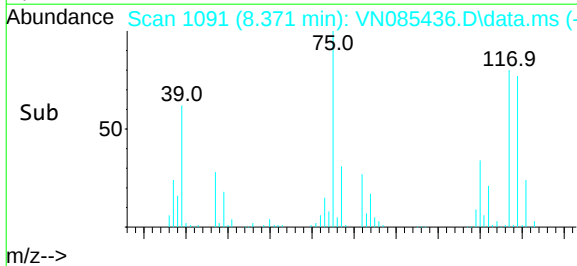
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

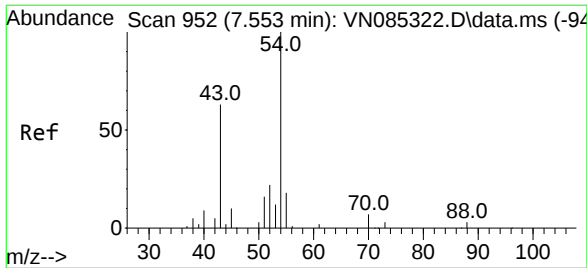


#36
1,1-Dichloropropene
Concen: 54.982 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30



Tgt Ion: 75 Resp: 153742
Ion Ratio Lower Upper
75 100
110 32.5 16.6 49.8
77 31.0 24.3 36.5





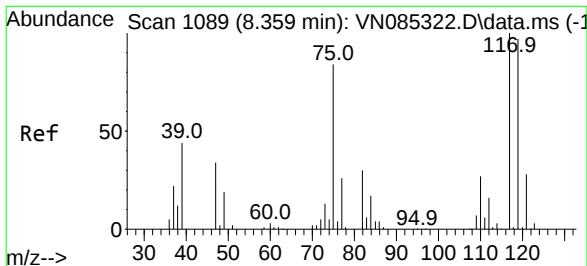
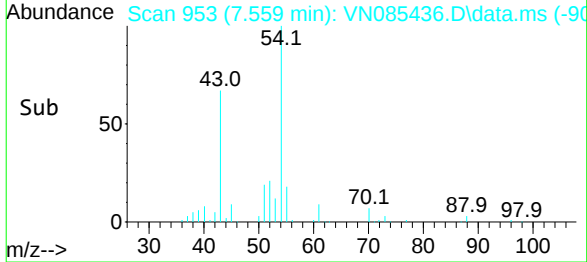
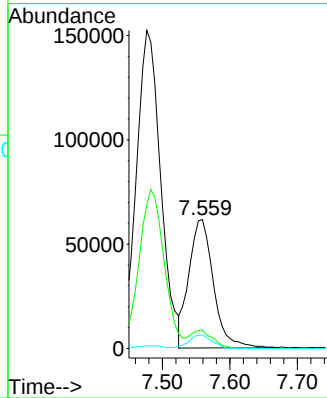
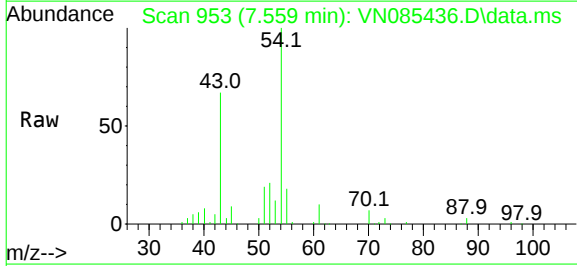
#37
Ethyl Acetate
Concen: 55.839 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	155194
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.9	8.2	12.2

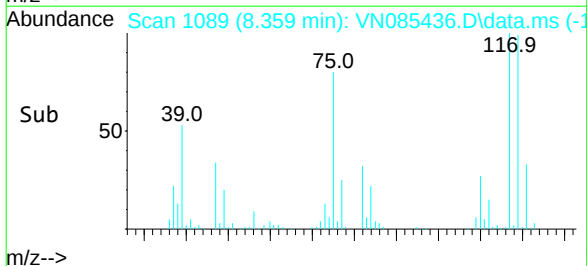
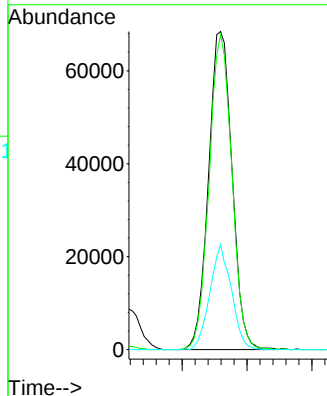
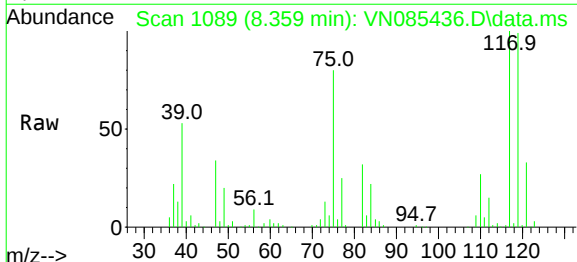
Manual Integrations
APPROVED

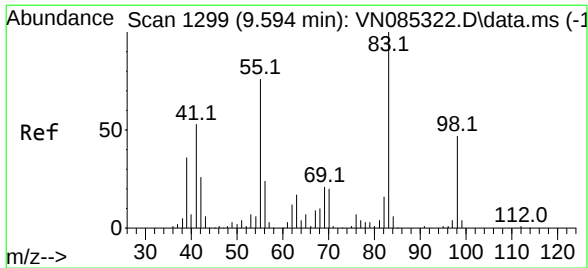
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#38
Carbon Tetrachloride
Concen: 56.613 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

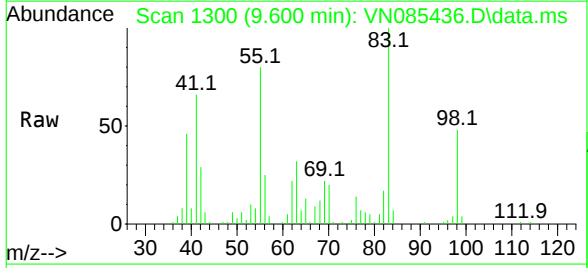
Tgt Ion:	117	Resp:	172549
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.8	116.6
121	33.0	22.5	33.7





#39
Methylcyclohexane
Concen: 53.190 ug/l
RT: 9.600 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

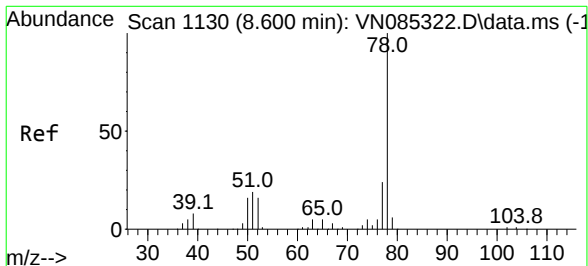
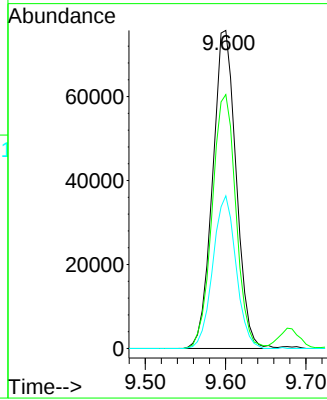
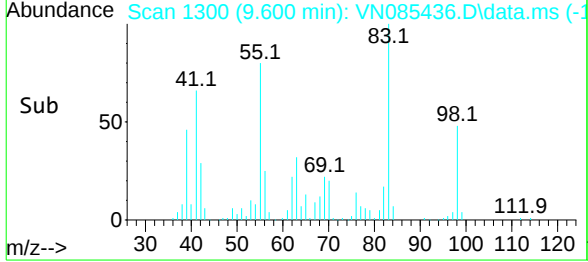
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 154314
Ion Ratio Lower Upper
83 100
55 79.8 60.7 91.1
98 48.0 37.7 56.5

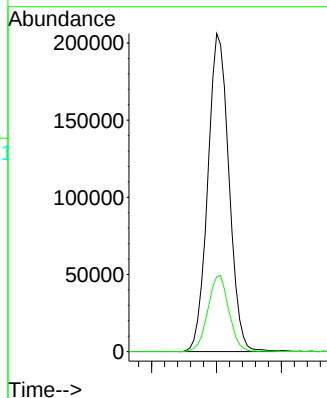
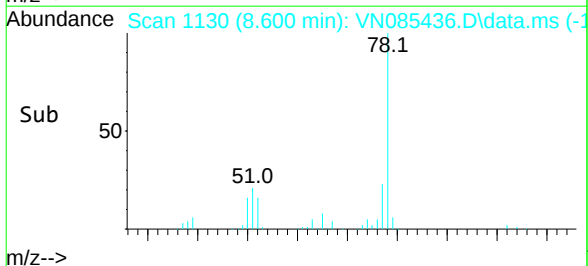
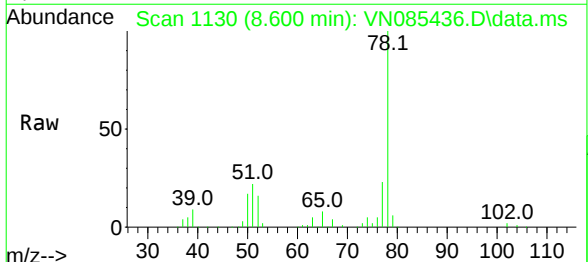
Manual Integrations
APPROVED

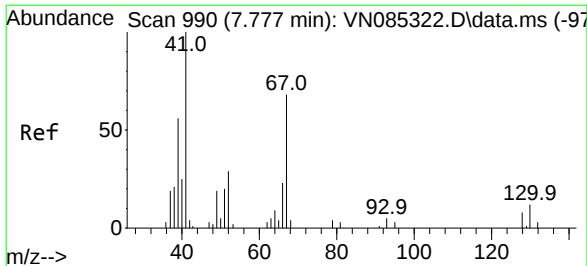
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#40
Benzene
Concen: 55.235 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 78 Resp: 466971
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





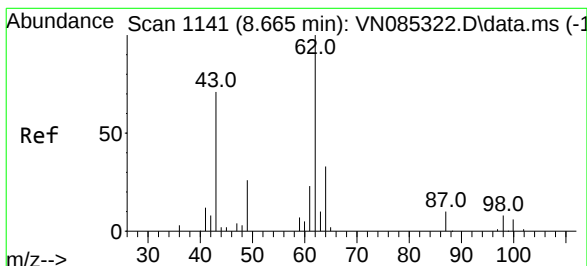
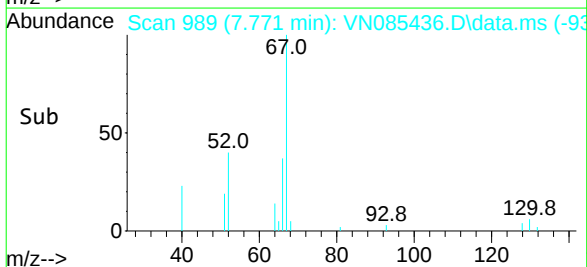
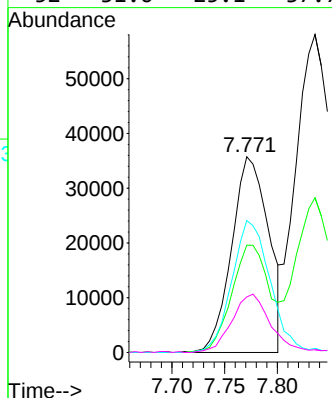
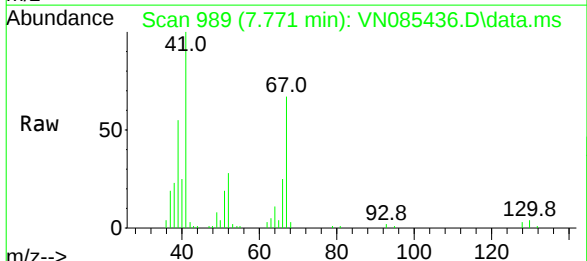
#41
Methacrylonitrile
Concen: 61.215 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	87133
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.8
67	70.4	57.1	85.7
52	31.6	25.1	37.7

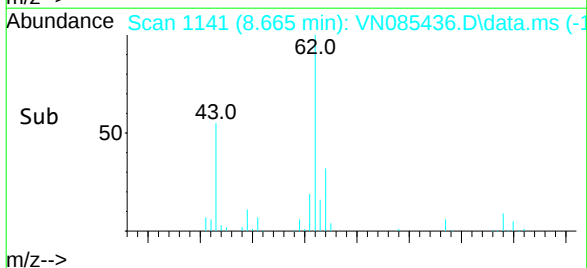
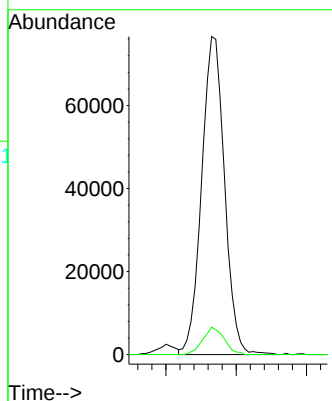
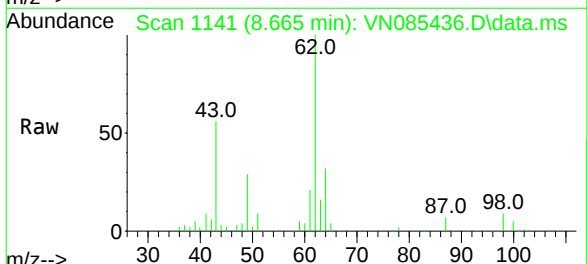
Manual Integrations
APPROVED

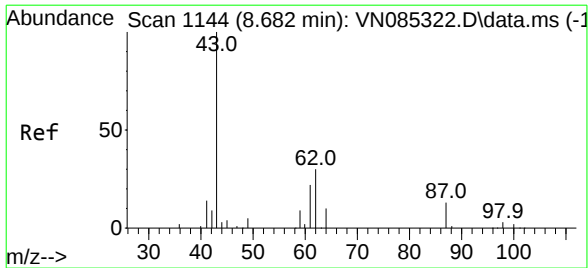
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#42
1,2-Dichloroethane
Concen: 57.159 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:	62	Resp:	173255
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.6





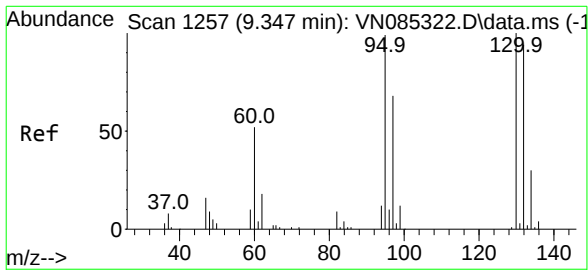
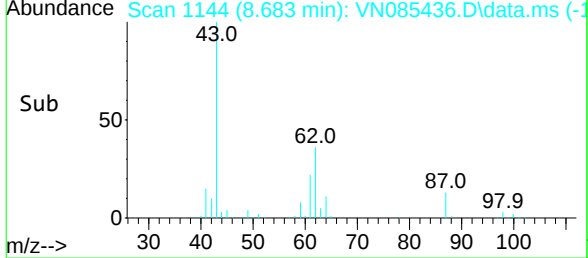
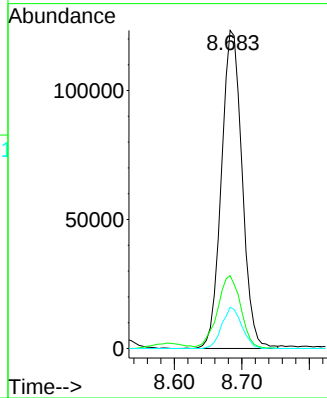
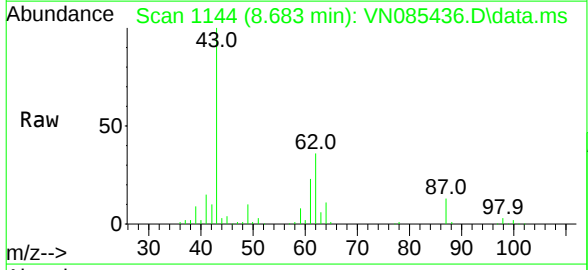
#43
Isopropyl Acetate
Concen: 57.488 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 263086
Ion Ratio Lower Upper
43 100
61 25.9 20.8 31.2
87 12.5 10.2 15.4

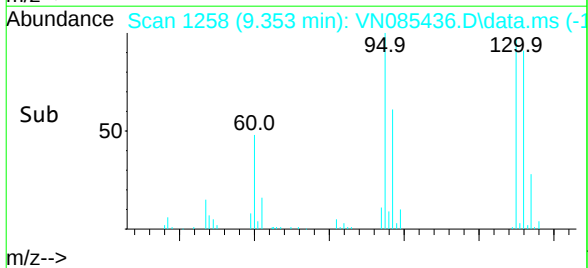
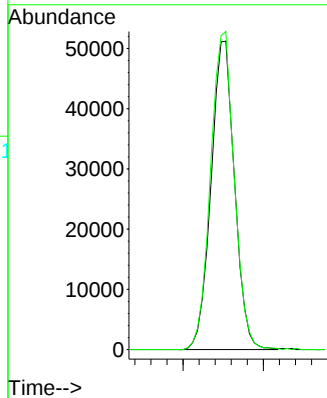
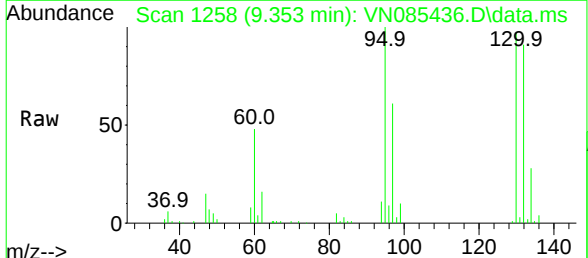
Manual Integrations
APPROVED

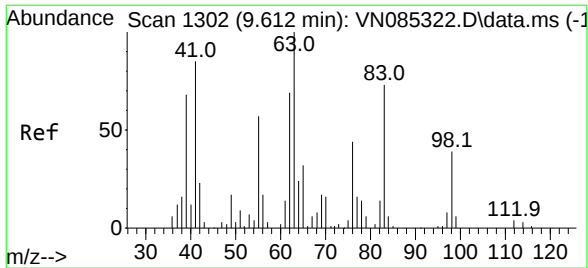
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#44
Trichloroethene
Concen: 52.066 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:130 Resp: 104214
Ion Ratio Lower Upper
130 100
95 103.1 0.0 197.8





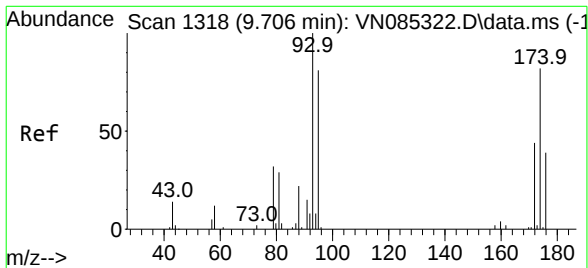
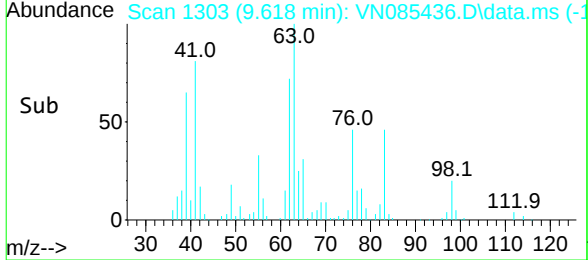
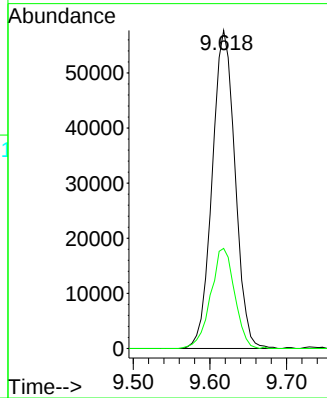
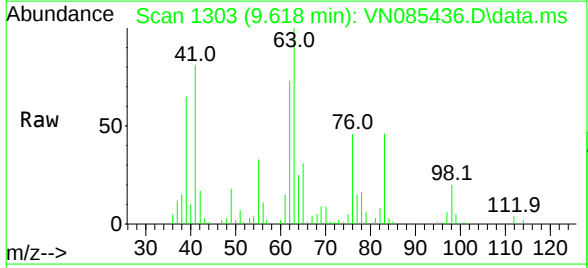
#45
1,2-Dichloropropane
Concen: 55.668 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 119473
Ion Ratio Lower Upper
63 100
65 31.5 25.5 38.3

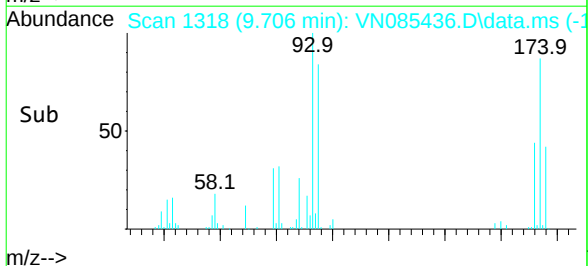
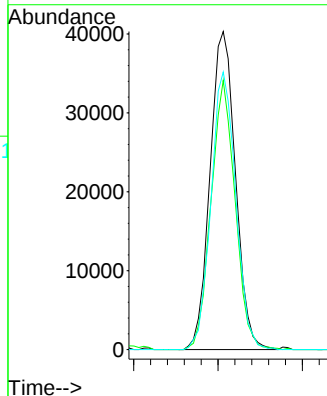
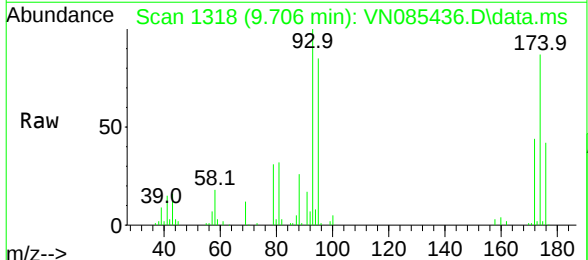
Manual Integrations
APPROVED

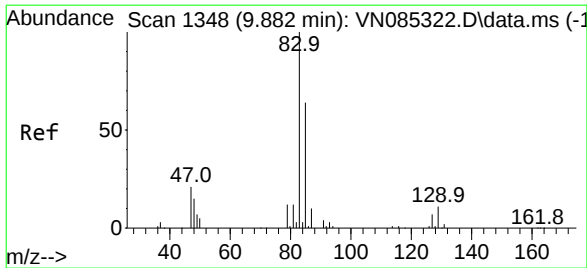
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#46
Dibromomethane
Concen: 56.579 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 93 Resp: 84448
Ion Ratio Lower Upper
93 100
95 80.2 65.3 97.9
174 85.0 66.4 99.6





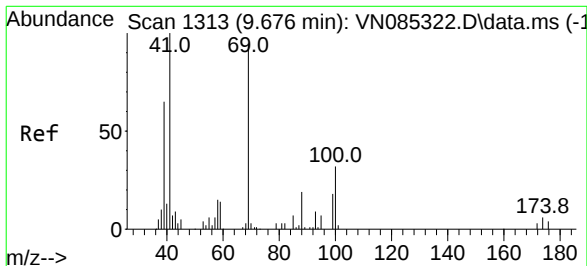
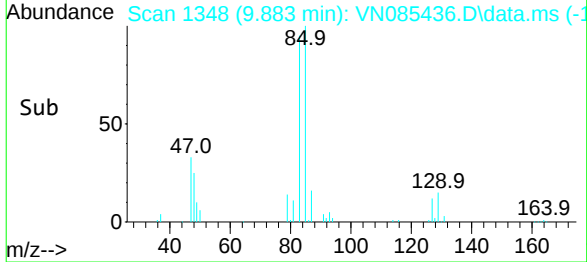
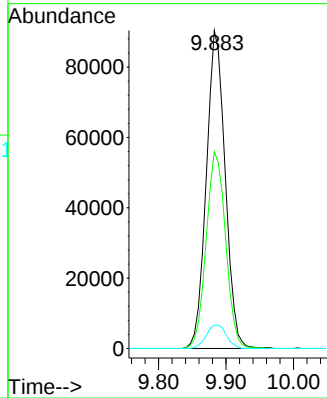
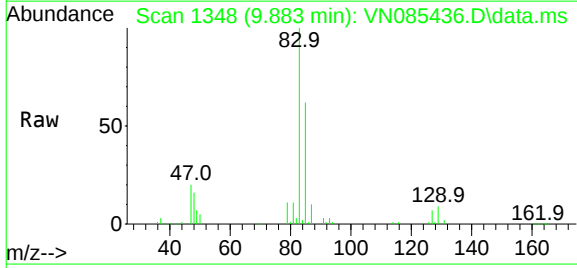
#47
Bromodichloromethane
Concen: 56.546 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 175418
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.4
127 7.3 5.8 8.6

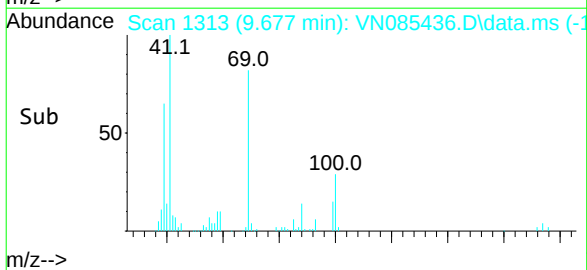
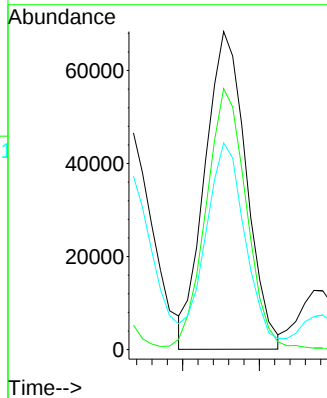
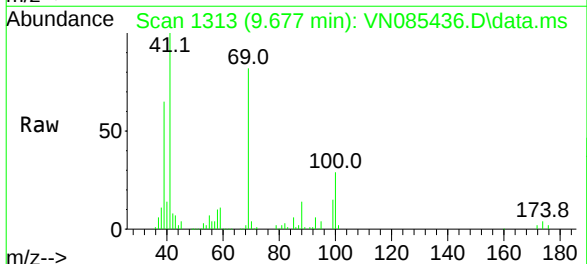
Manual Integrations
APPROVED

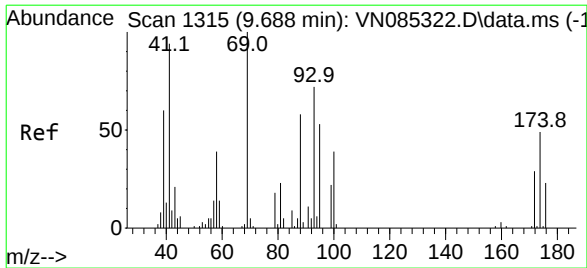
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#48
Methyl methacrylate
Concen: 64.321 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

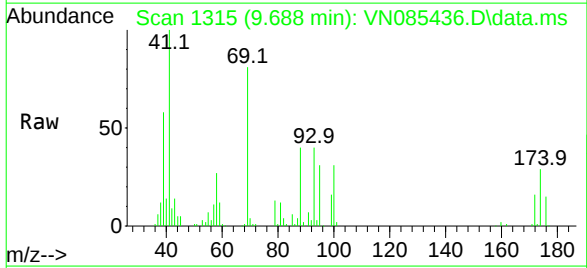
Tgt Ion: 41 Resp: 127726
Ion Ratio Lower Upper
41 100
69 81.1 67.7 101.5
39 63.3 51.2 76.8





#49
1,4-Dioxane
Concen: 1310.415 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

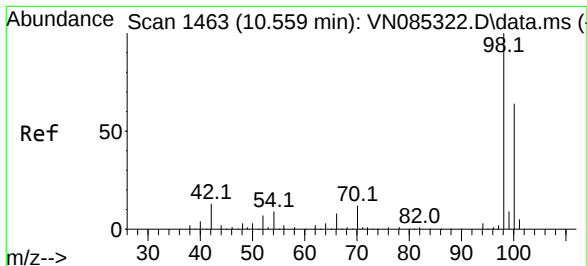
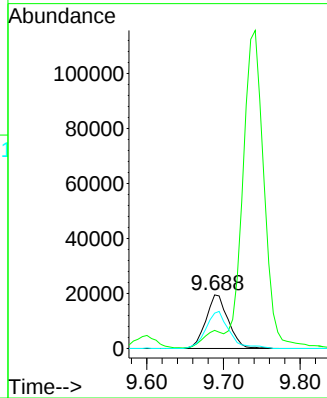
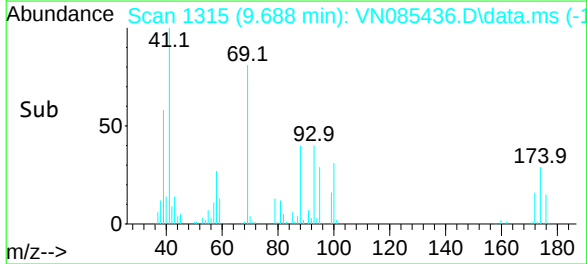
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



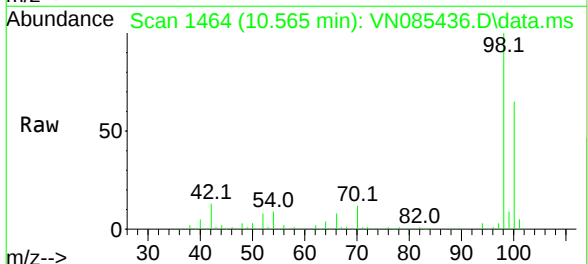
Tgt Ion: 88 Resp: 39261
Ion Ratio Lower Upper
88 100
43 29.3 22.1 33.1
58 72.3 56.7 85.1

Manual Integrations
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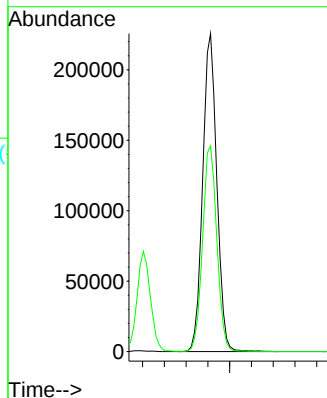
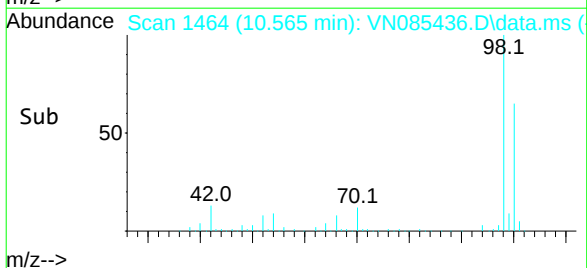
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

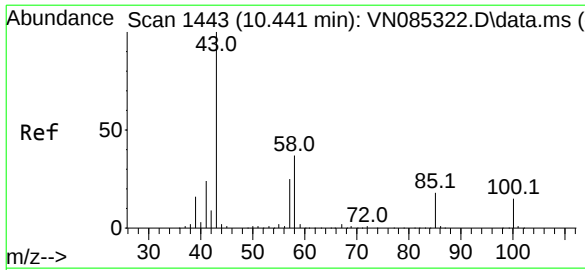


#50
Toluene-d8
Concen: 57.939 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30



Tgt Ion: 98 Resp: 406042
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3





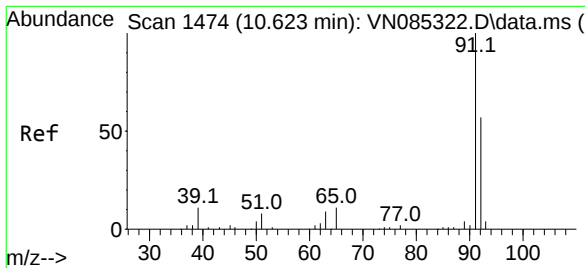
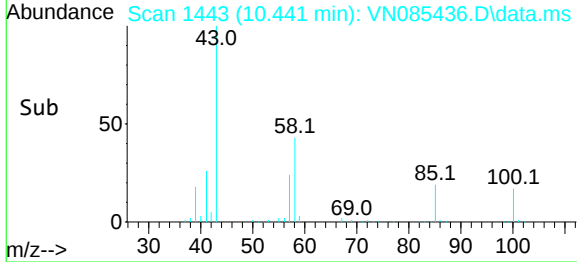
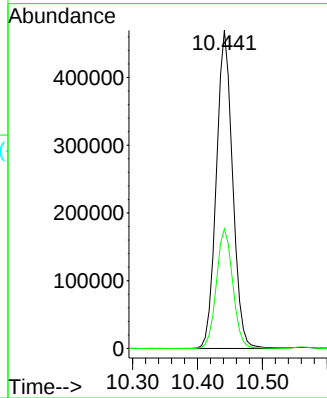
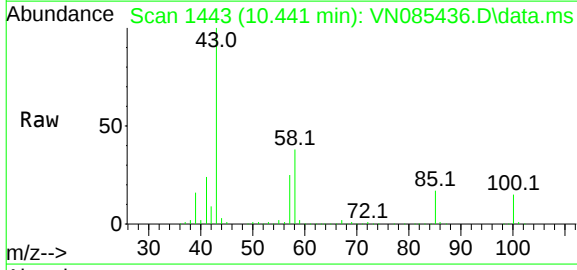
#51
4-Methyl-2-Pentanone
Concen: 317.351 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 816152
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

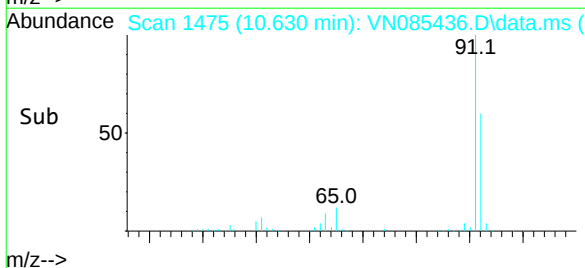
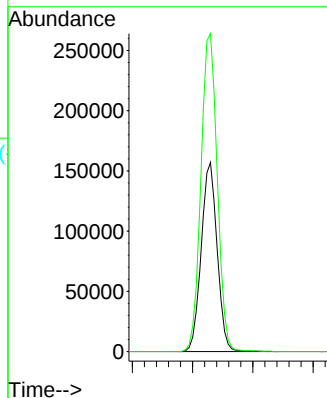
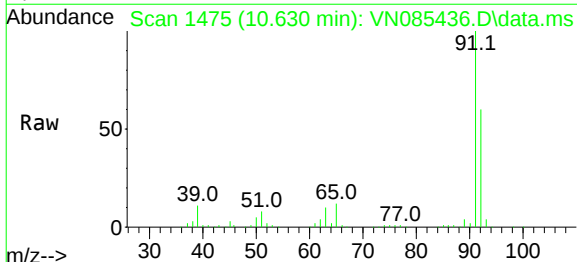
Manual Integrations
APPROVED

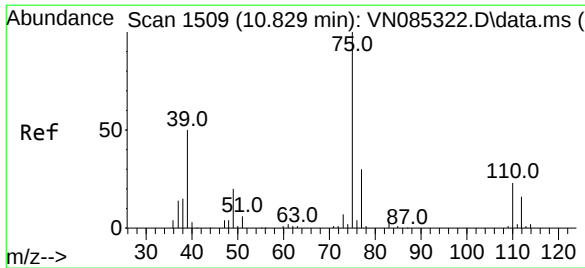
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#52
Toluene
Concen: 57.123 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

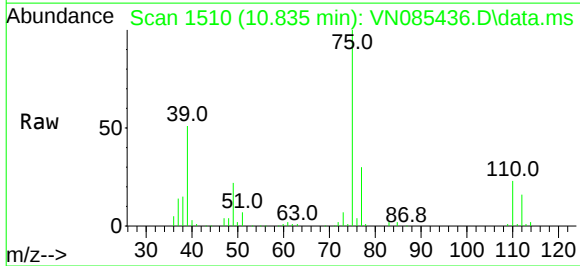
Tgt Ion: 92 Resp: 287552
Ion Ratio Lower Upper
92 100
91 172.7 140.2 210.4





#53
 t-1,3-Dichloropropene
 Concen: 58.151 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN085436.D
 Acq: 13 Jan 2025 19:30

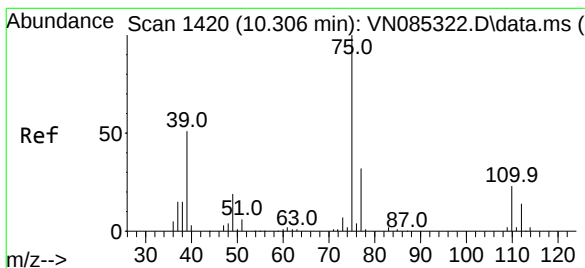
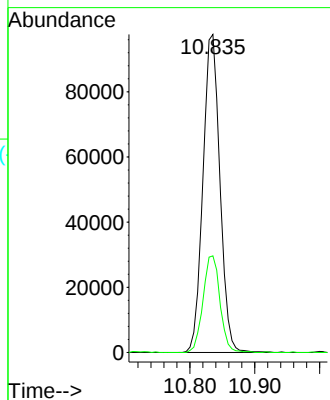
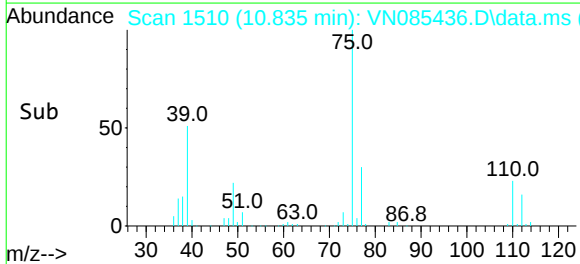
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 177407
 Ion Ratio Lower Upper
 75 100
 77 30.4 23.8 35.6

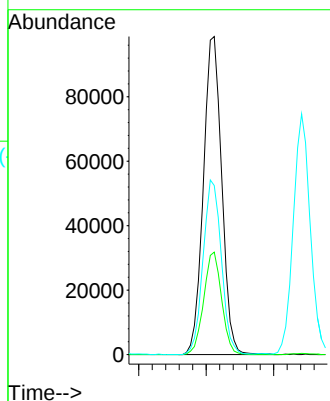
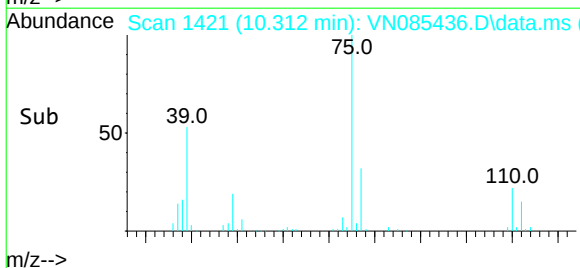
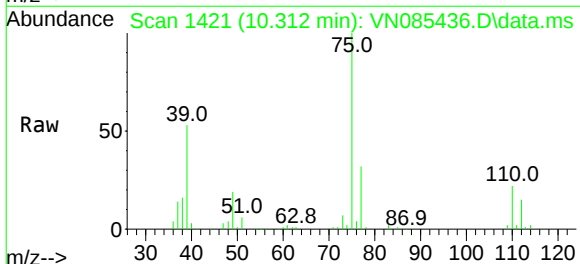
Manual Integrations
 APPROVED

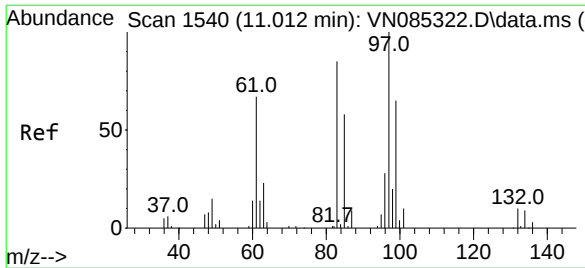
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025



#54
 cis-1,3-Dichloropropene
 Concen: 56.630 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085436.D
 Acq: 13 Jan 2025 19:30

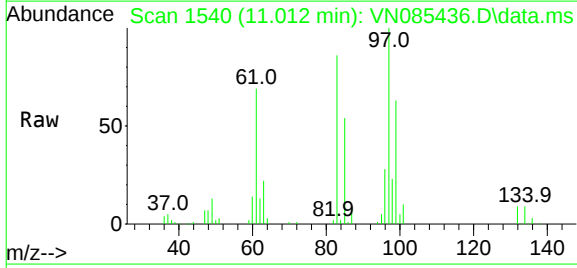
Tgt Ion: 75 Resp: 186818
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 53.1 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 57.253 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

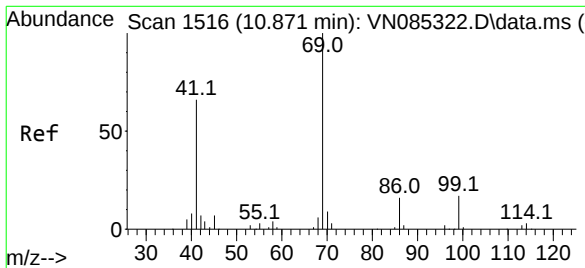
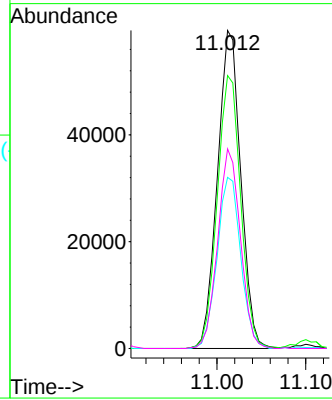
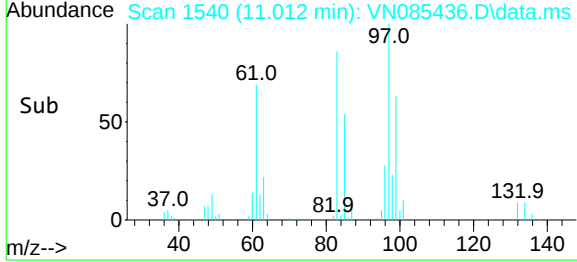
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



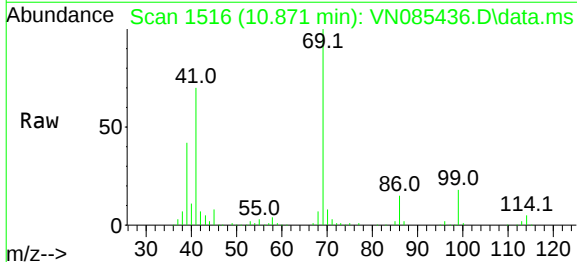
Tgt Ion:	97	Resp:	108812
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.7	101.5
85	53.8	46.2	69.4
99	62.8	51.8	77.6

Manual Integrations
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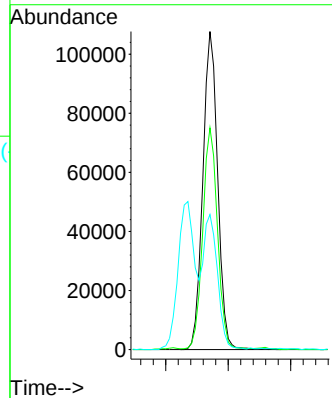
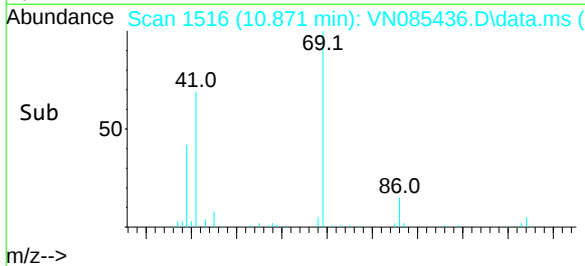
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

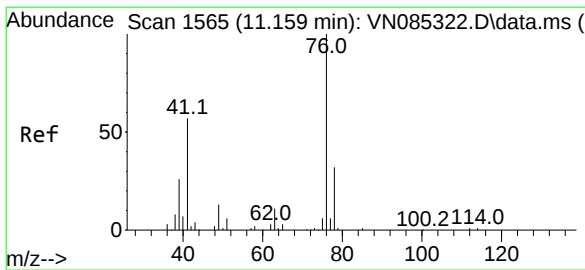


#56
Ethyl methacrylate
Concen: 64.194 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30



Tgt Ion:	69	Resp:	177687
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.3	81.5
39	40.6	32.0	48.0





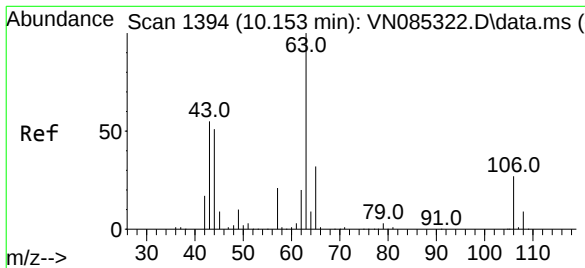
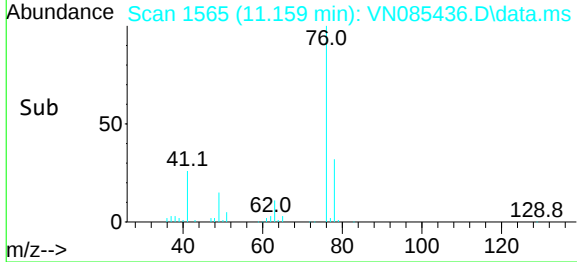
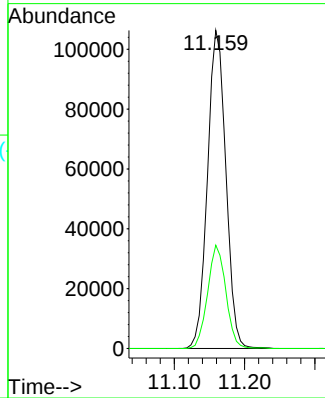
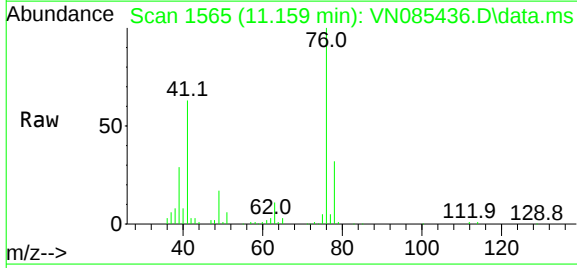
#57
1,3-Dichloropropane
Concen: 58.030 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 193571
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3

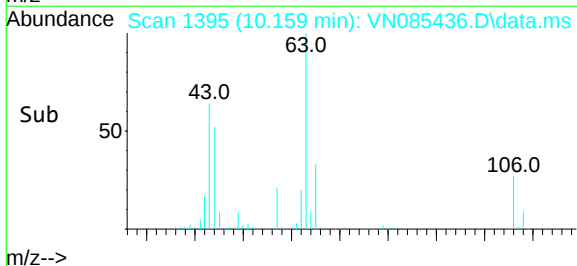
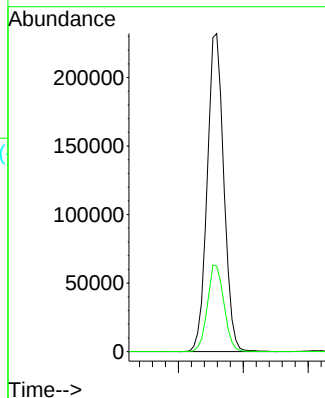
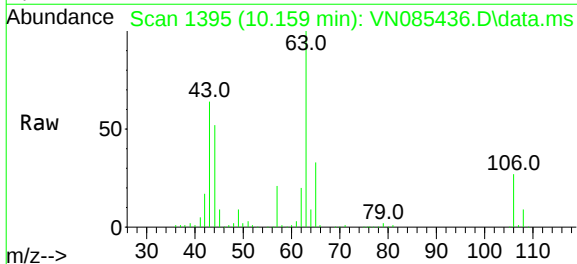
Manual Integrations
APPROVED

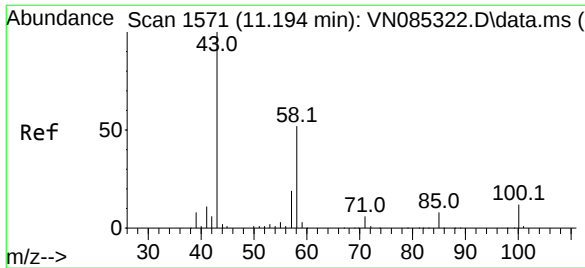
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 307.920 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 63 Resp: 412364
Ion Ratio Lower Upper
63 100
106 27.1 22.1 33.1





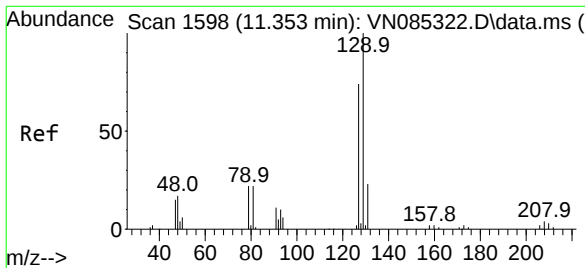
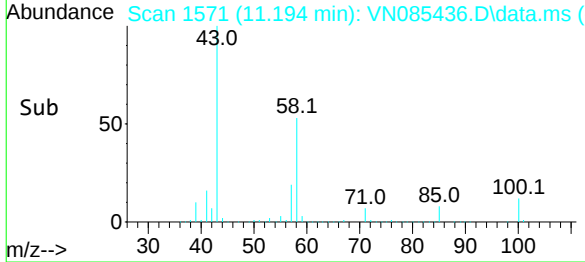
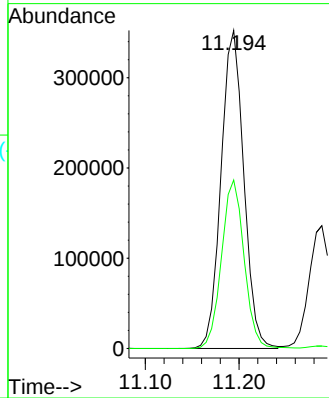
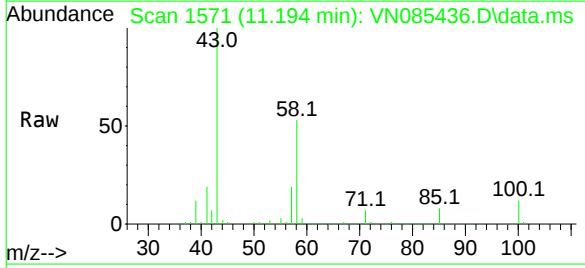
#59
2-Hexanone
Concen: 332.698 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 593634
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.5

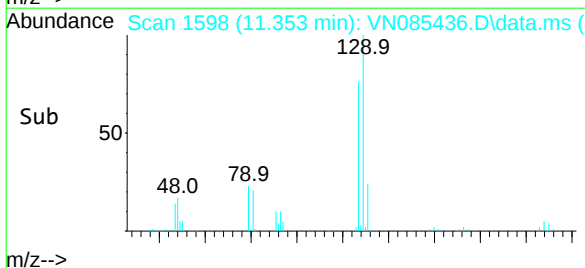
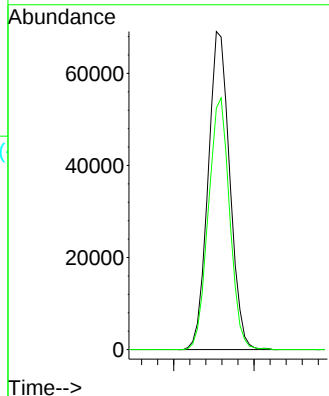
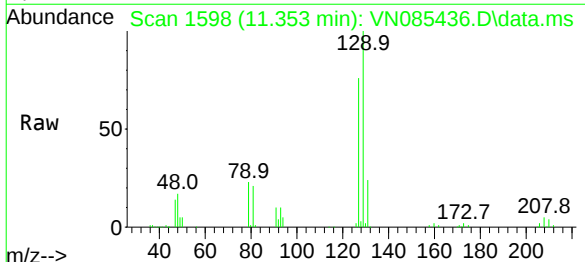
Manual Integrations
APPROVED

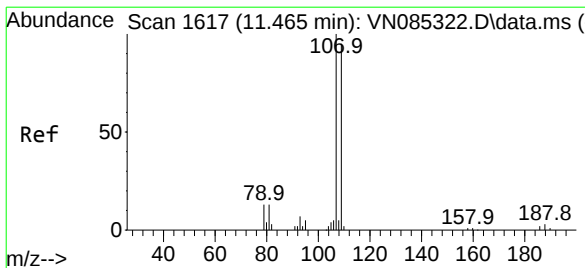
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#60
Dibromochloromethane
Concen: 60.567 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

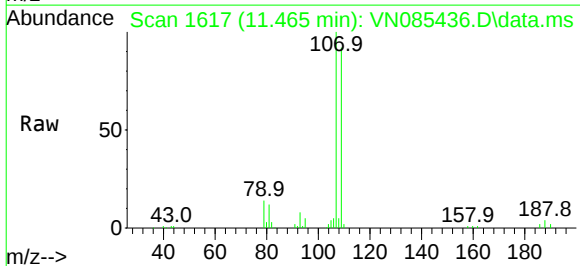
Tgt Ion:129 Resp: 129653
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 57.725 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

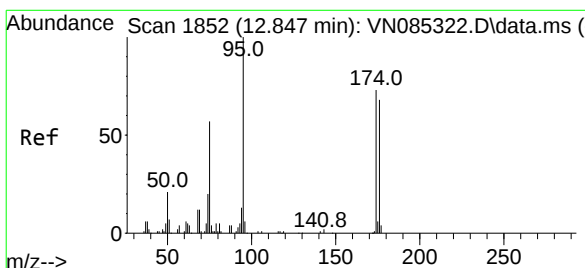
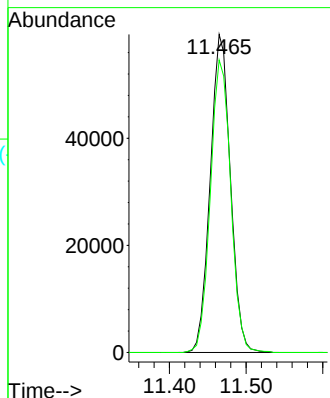
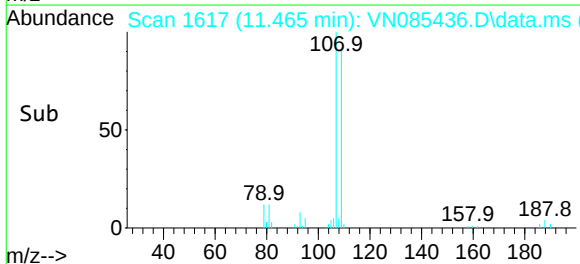
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 108540
Ion Ratio Lower Upper
107 100
109 92.6 74.9 112.3

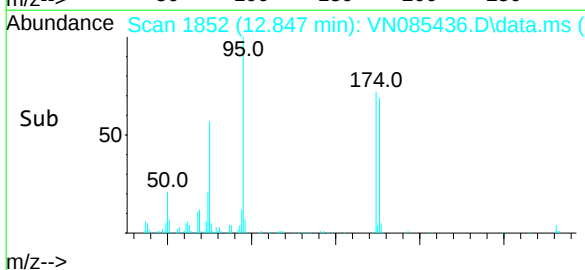
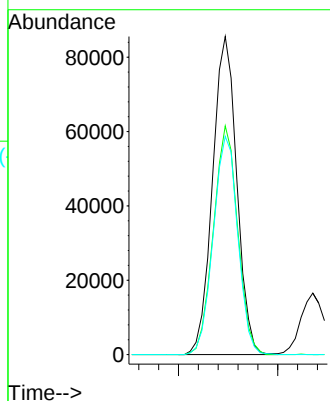
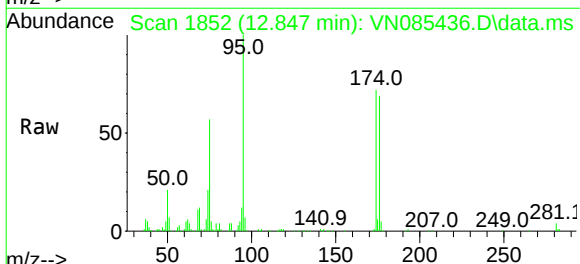
Manual Integrations
APPROVED

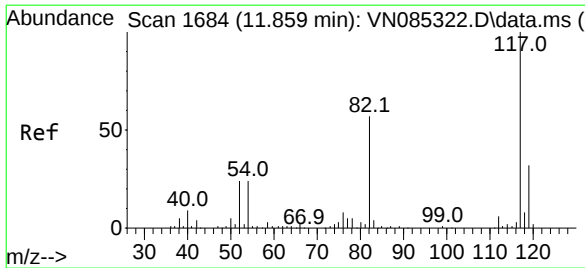
Reviewed By : John Carlone 01/14/2025
Supervised By : Mahesh Dadoda 01/14/2025



#62
4-Bromofluorobenzene
Concen: 62.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

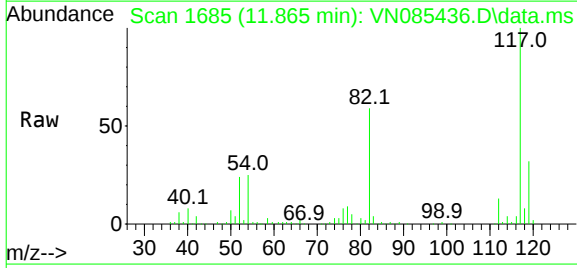
Tgt Ion: 95 Resp: 145176
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.2
176 69.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

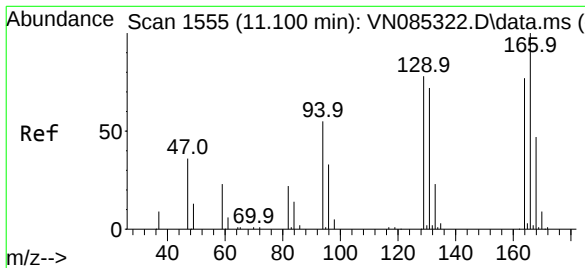
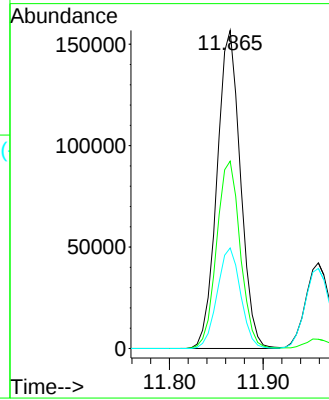
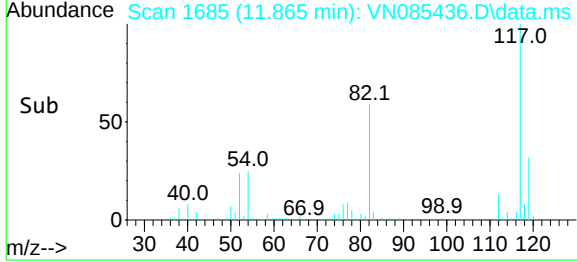
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



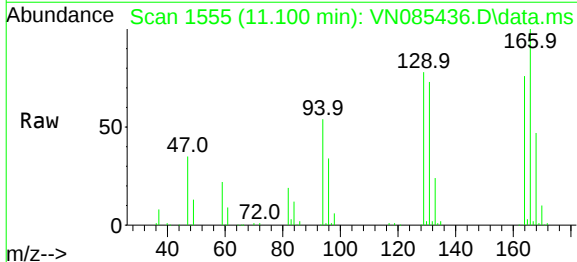
Tgt Ion:117 Resp: 272533
Ion Ratio Lower Upper
117 100
82 58.9 45.7 68.5
119 31.6 25.8 38.8

Manual Integrations
APPROVED

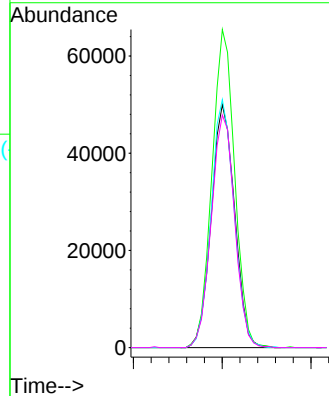
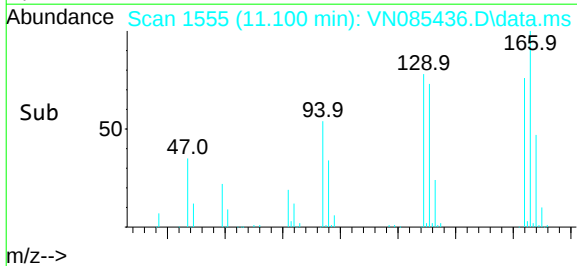
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

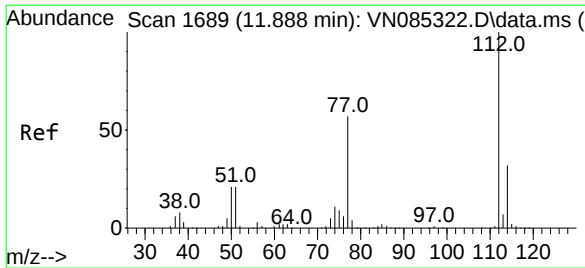


#64
Tetrachloroethene
Concen: 52.843 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30



Tgt Ion:164 Resp: 91254
Ion Ratio Lower Upper
164 100
166 131.0 104.0 156.0
129 102.1 81.3 121.9
131 95.7 75.0 112.6





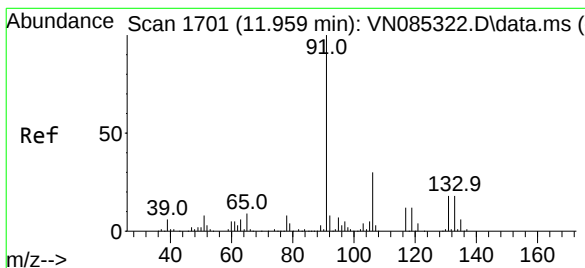
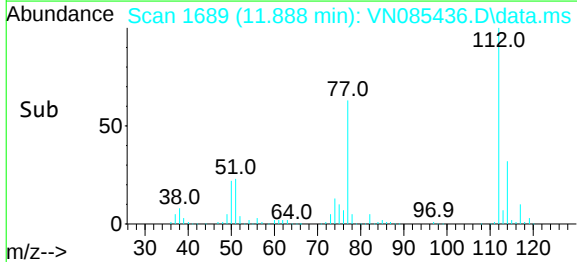
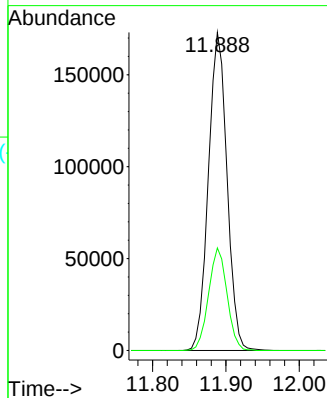
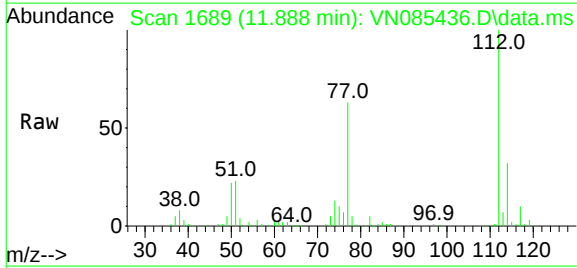
#65
Chlorobenzene
Concen: 51.720 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 304600
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8

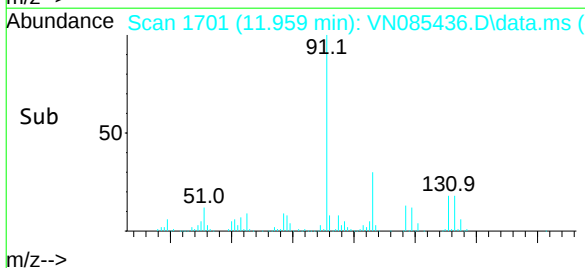
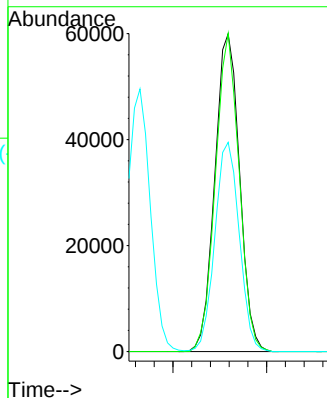
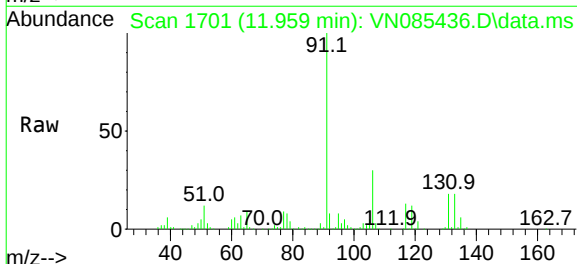
Manual Integrations
APPROVED

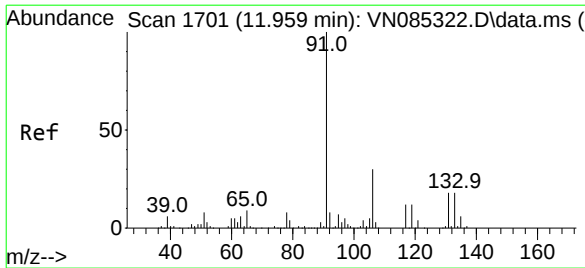
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.658 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:131 Resp: 110014
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.9
119 65.1 33.4 100.1





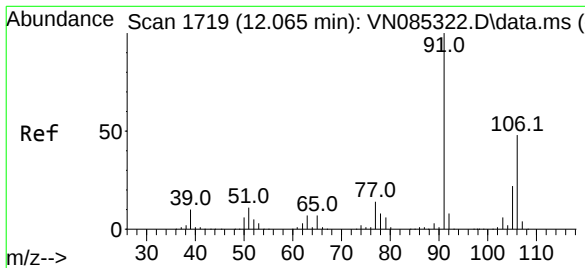
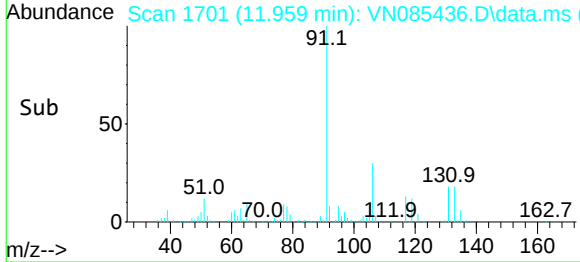
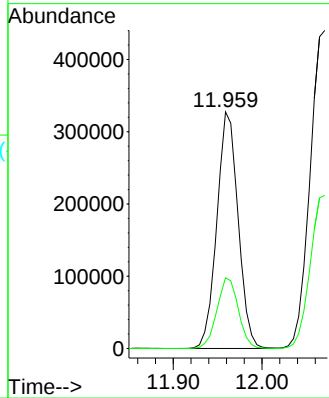
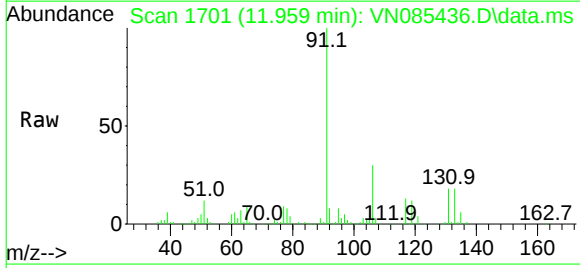
#67
Ethyl Benzene
Concen: 55.643 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 544983
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0

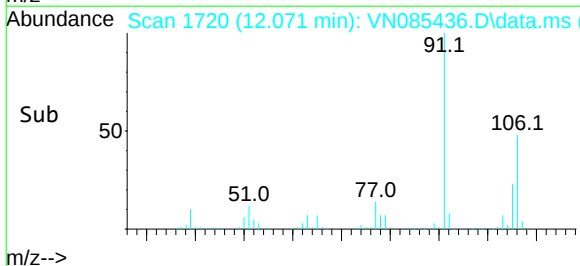
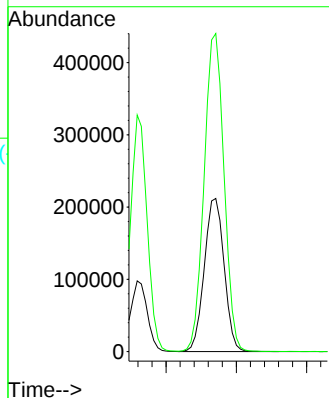
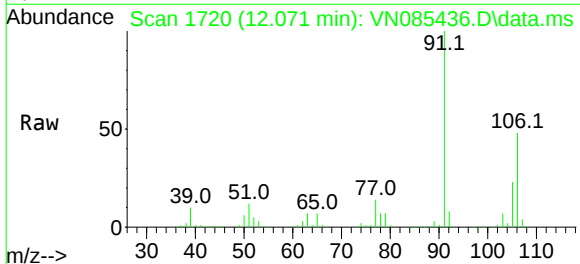
Manual Integrations
APPROVED

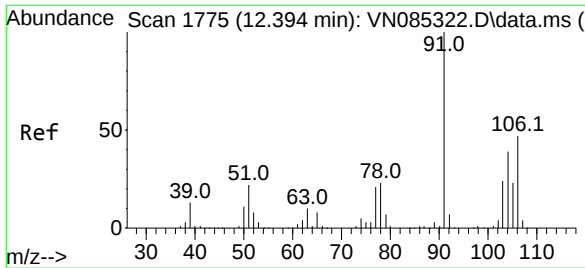
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#68
m/p-Xylenes
Concen: 115.782 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:106 Resp: 414998
Ion Ratio Lower Upper
106 100
91 207.9 165.2 247.8





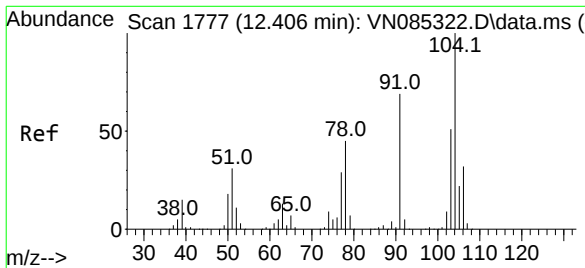
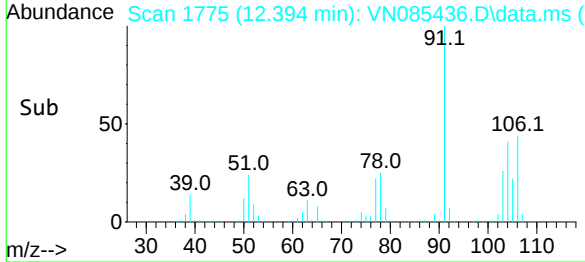
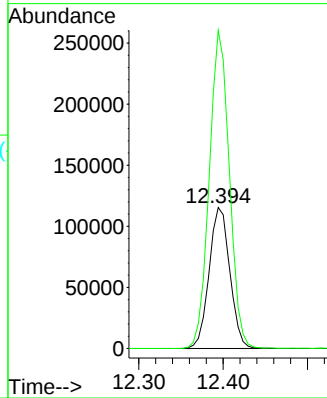
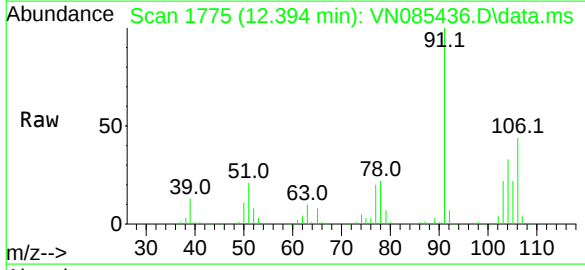
#69
o-Xylene
Concen: 56.856 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 197141
Ion Ratio Lower Upper
106 100
91 218.8 107.3 321.8

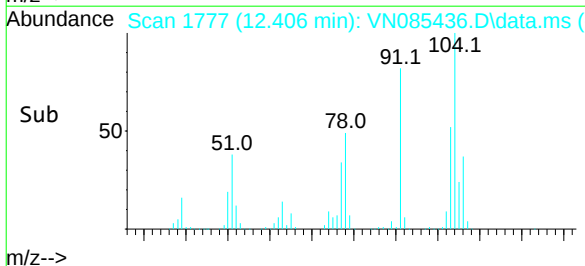
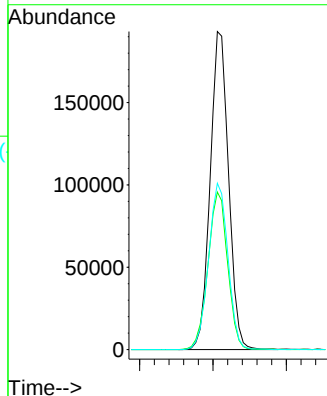
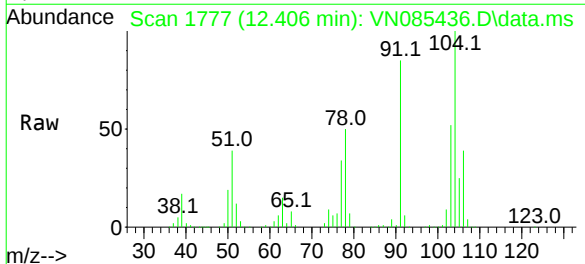
Manual Integrations
APPROVED

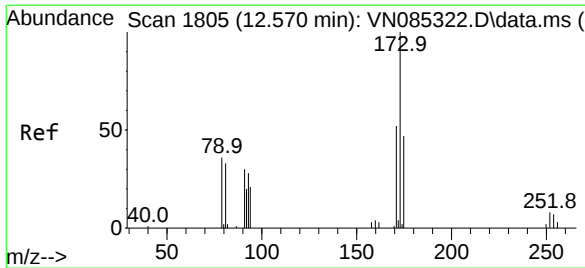
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#70
Styrene
Concen: 59.804 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:104 Resp: 336075
Ion Ratio Lower Upper
104 100
78 52.8 40.7 61.1
103 55.3 44.1 66.1





#71

Bromoform

Concen: 60.788 ug/l

RT: 12.577 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

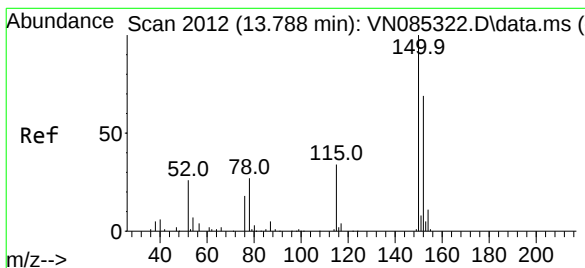
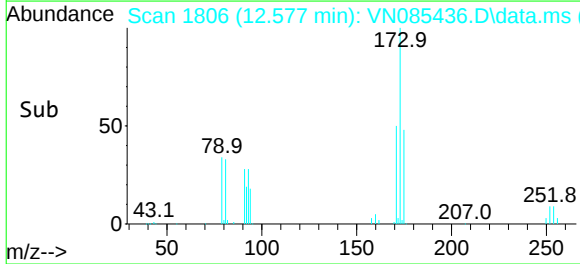
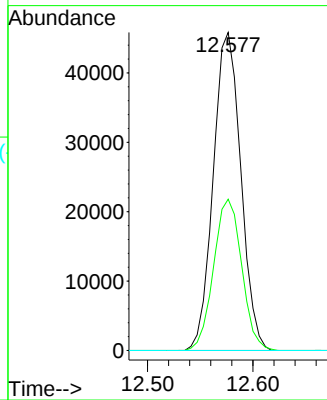
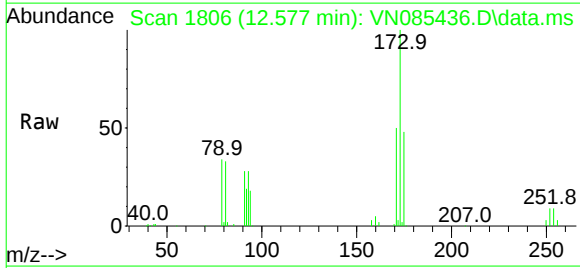
Tgt Ion:	173	Resp:	83221
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

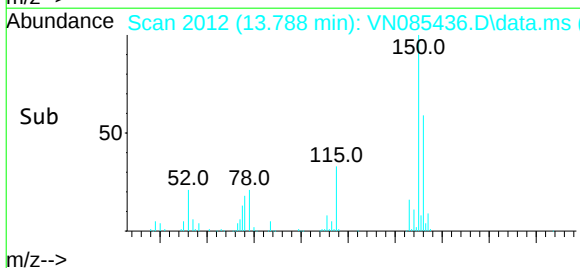
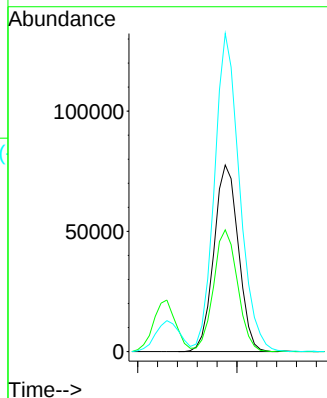
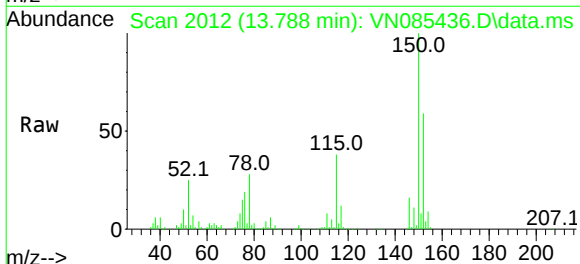
RT: 13.788 min Scan# 2012

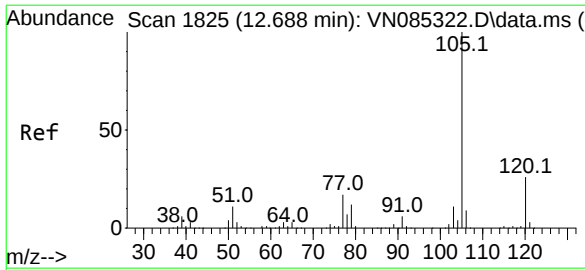
Delta R.T. 0.000 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Tgt Ion:	152	Resp:	132771
Ion Ratio	Lower	Upper	
152	100		
115	64.3	30.4	91.3
150	175.1	0.0	345.0





#73

Isopropylbenzene

Concen: 52.845 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 504546

Ion Ratio Lower Upper

105 100

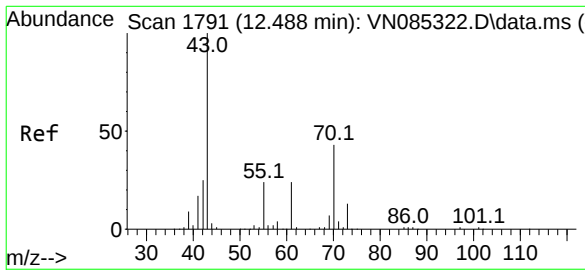
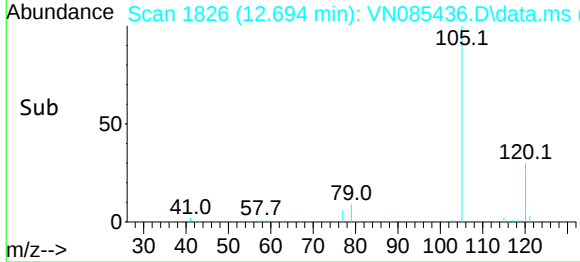
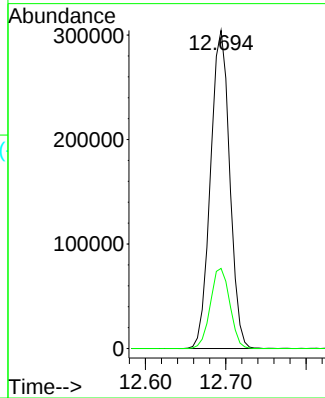
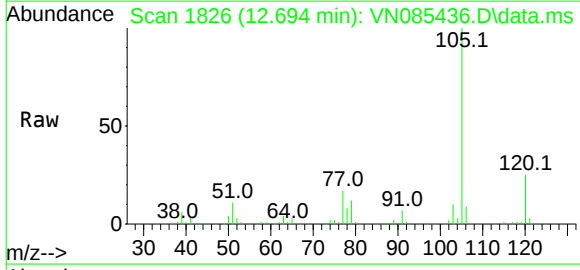
120 25.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#74

N-ethyl acetate

Concen: 55.969 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Tgt Ion: 43 Resp: 228734

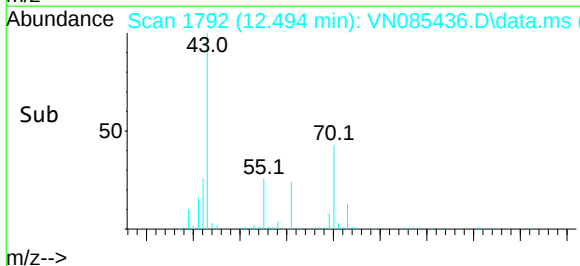
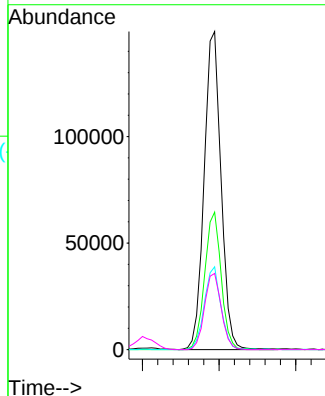
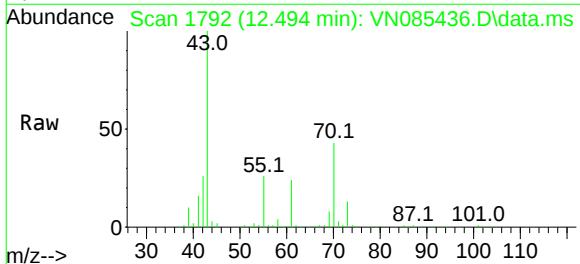
Ion Ratio Lower Upper

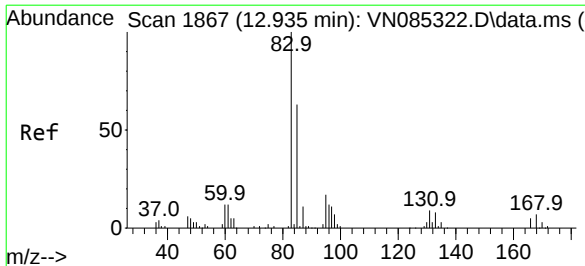
43 100

70 41.9 33.4 50.0

55 25.6 19.2 28.8

61 23.7 18.6 28.0





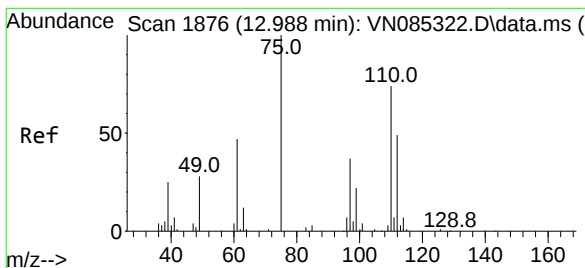
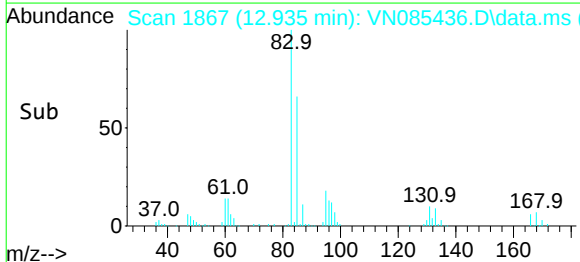
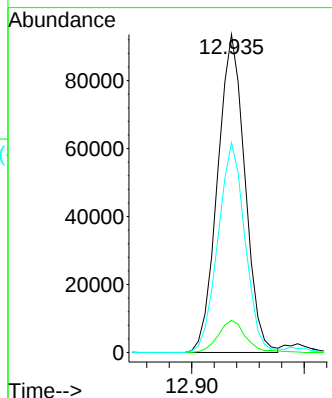
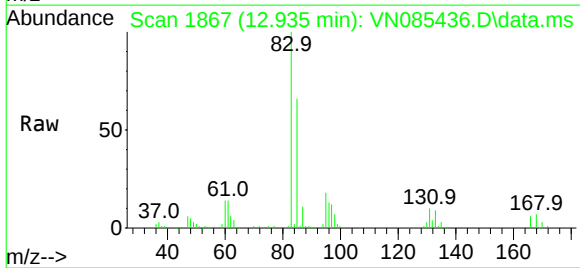
#75
1,1,2,2-Tetrachloroethane
Concen: 51.917 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 157872
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 65.1 32.6 98.0

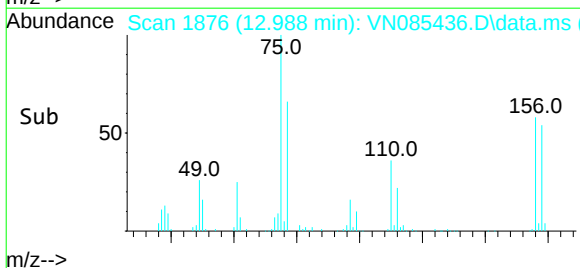
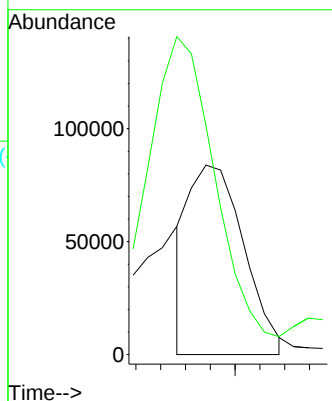
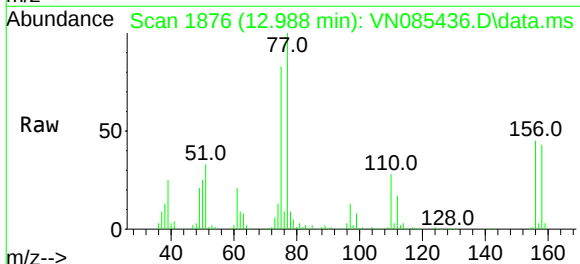
Manual Integrations
APPROVED

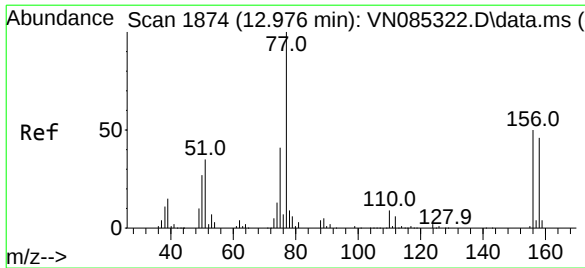
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#76
1,2,3-Trichloropropane
Concen: 52.270 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

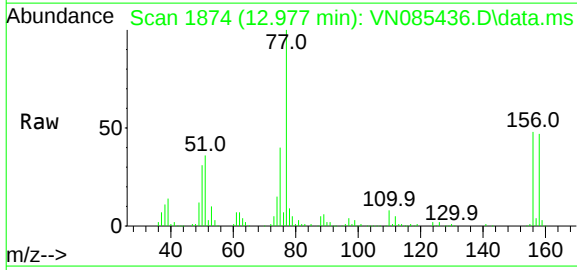
Tgt Ion: 75 Resp: 129596
Ion Ratio Lower Upper
75 100
77 215.5 98.1 294.3





#77
Bromobenzene
Concen: 50.570 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

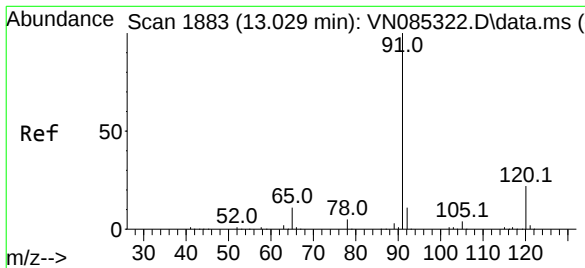
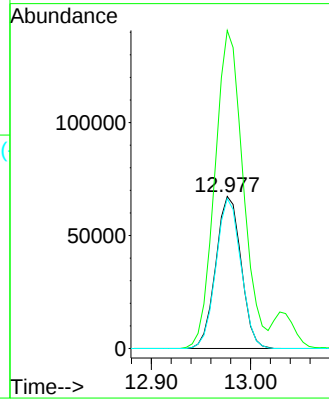
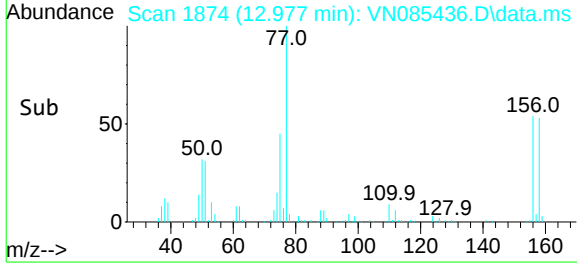
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 119623
Ion Ratio Lower Upper
156 100
77 233.4 114.0 342.0
158 96.9 47.6 142.8

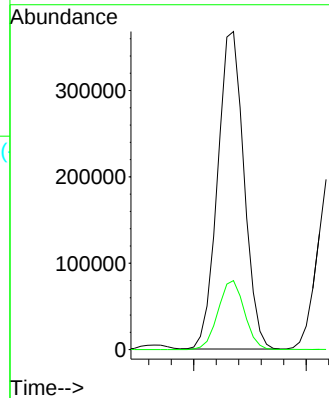
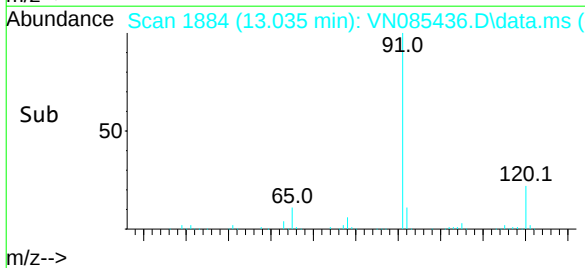
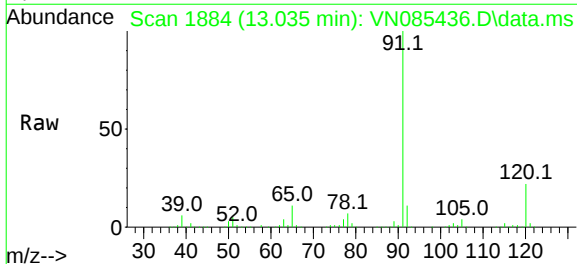
Manual Integrations
APPROVED

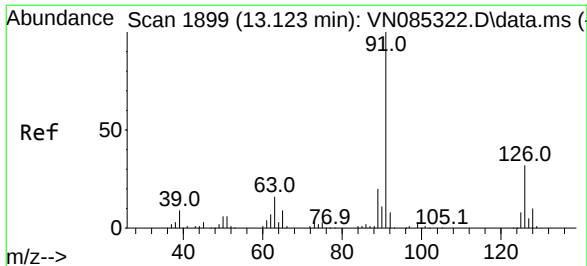
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#78
n-propylbenzene
Concen: 53.959 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 91 Resp: 600521
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.575 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085436.D

Acq: 13 Jan 2025 19:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 368254

Ion Ratio Lower Upper

91 100

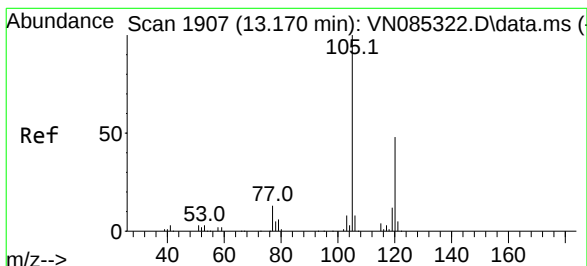
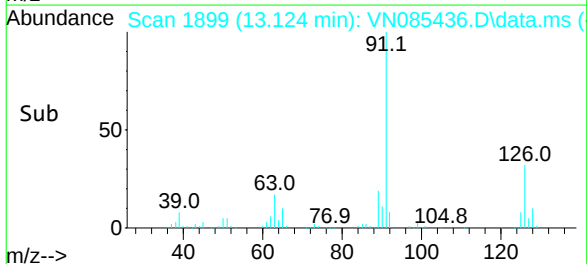
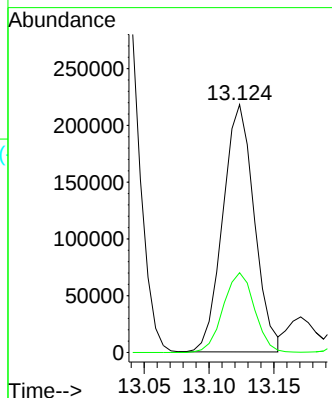
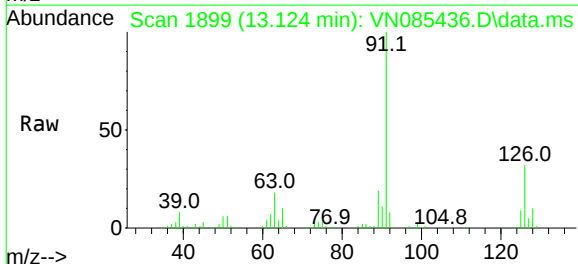
126 32.0 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#80

1,3,5-Trimethylbenzene

Concen: 55.816 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085436.D

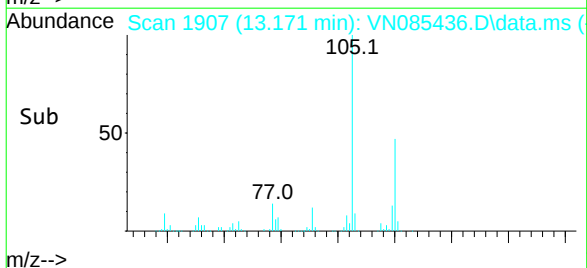
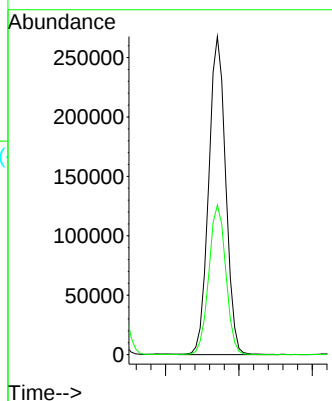
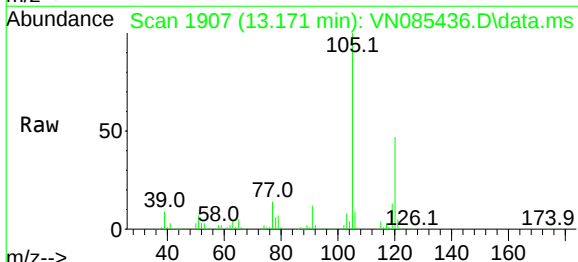
Acq: 13 Jan 2025 19:30

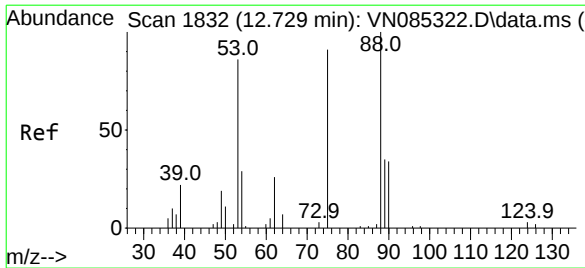
Tgt Ion:105 Resp: 431056

Ion Ratio Lower Upper

105 100

120 46.9 24.0 72.0





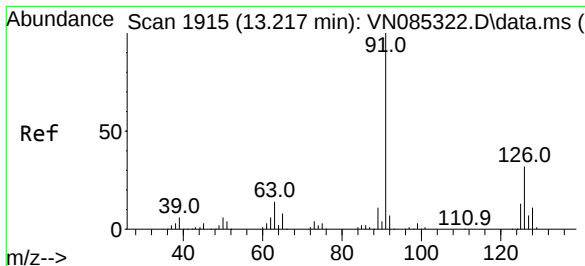
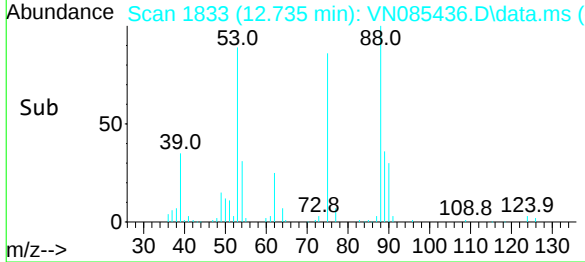
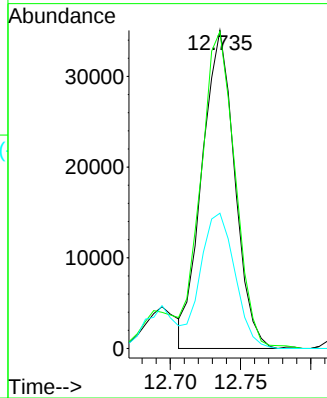
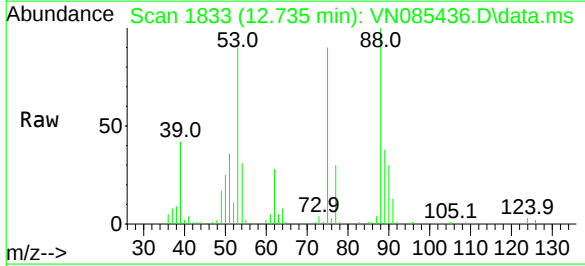
#81
trans-1,4-Dichloro-2-butene
Concen: 54.625 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 56552
Ion Ratio Lower Upper
75 100
53 104.2 80.0 120.0
89 45.5 35.8 53.8

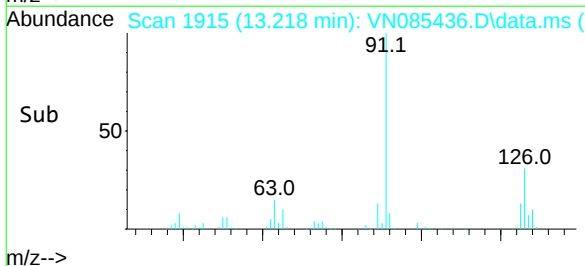
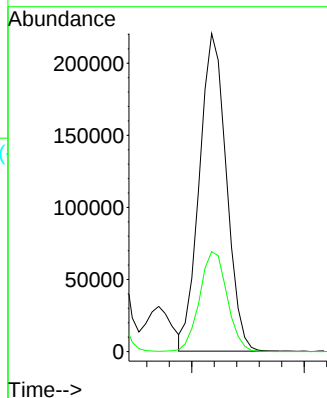
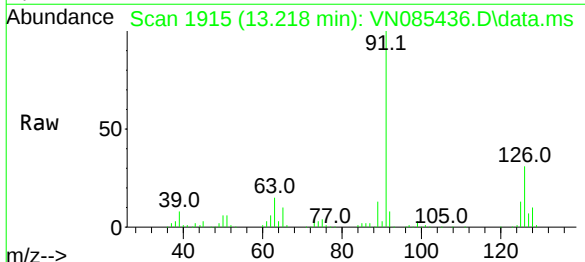
Manual Integrations
APPROVED

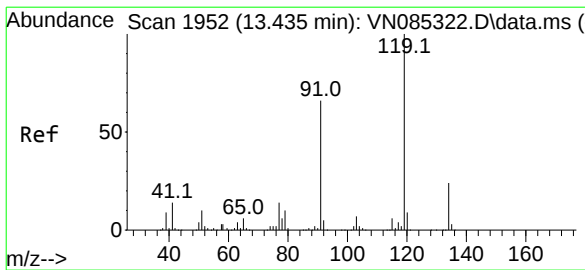
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#82
4-Chlorotoluene
Concen: 51.925 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion: 91 Resp: 366293
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4





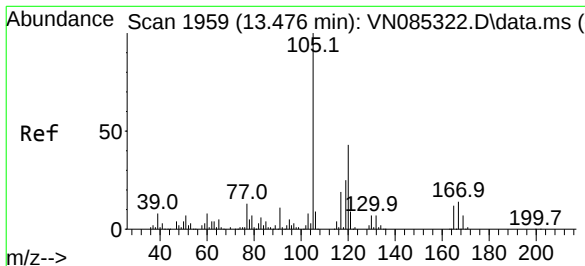
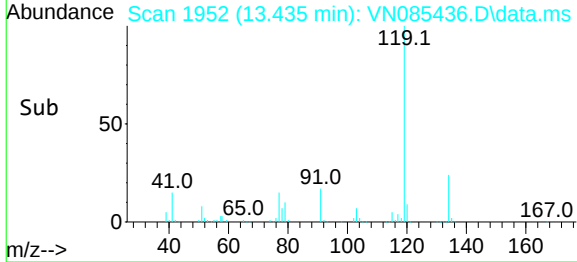
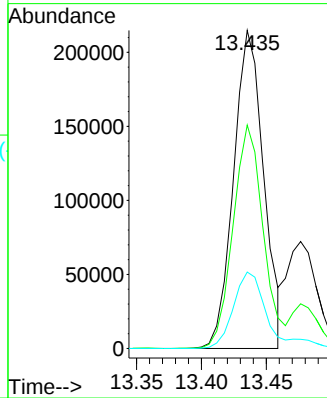
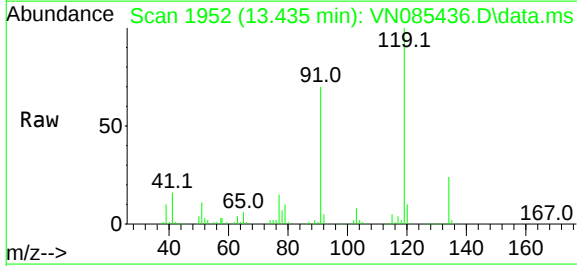
#83
tert-Butylbenzene
Concen: 51.843 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 346818
Ion Ratio Lower Upper
119 100
91 70.7 33.6 100.8
134 27.2 13.3 39.8

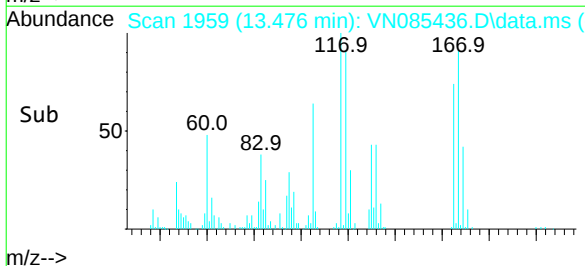
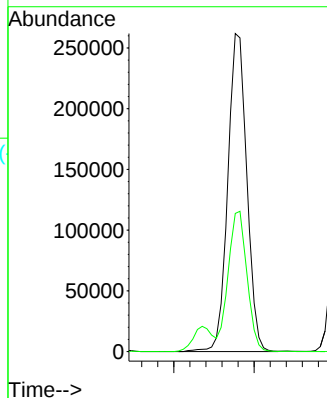
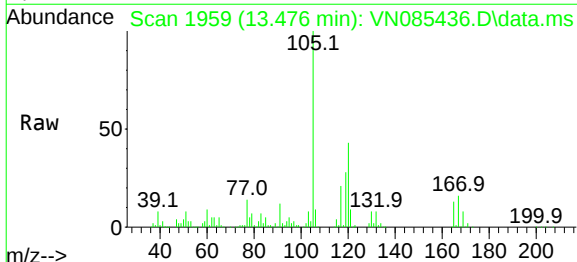
Manual Integrations
APPROVED

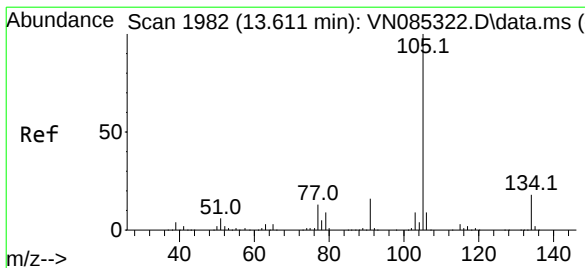
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 56.023 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:105 Resp: 430807
Ion Ratio Lower Upper
105 100
120 43.5 21.7 65.1





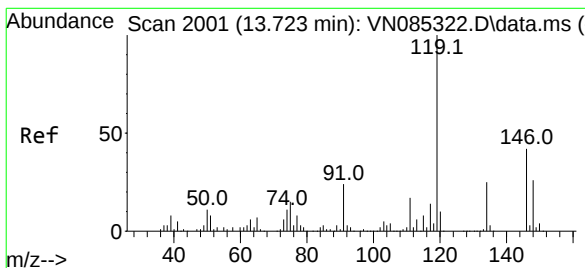
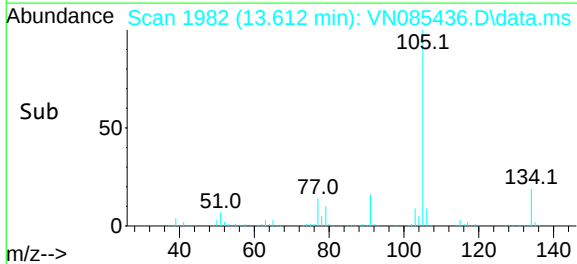
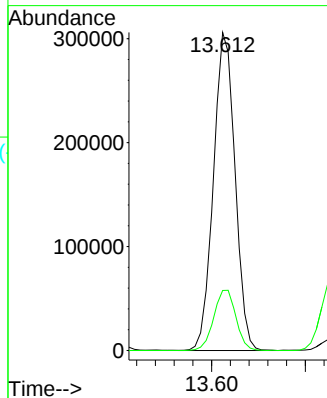
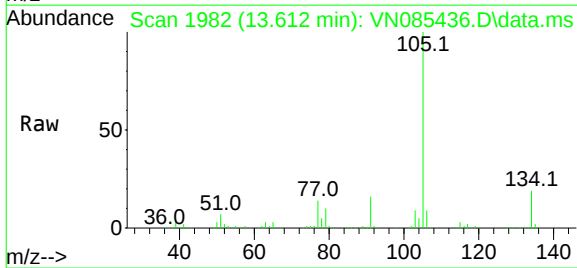
#85
sec-Butylbenzene
Concen: 52.831 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 490587
Ion Ratio Lower Upper
105 100
134 19.5 9.4 28.3

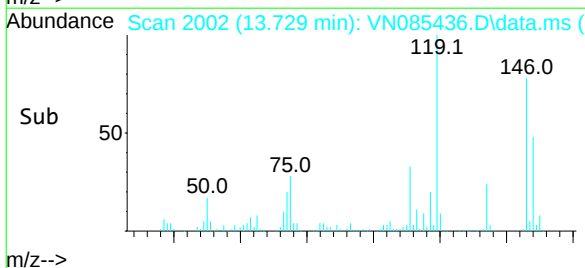
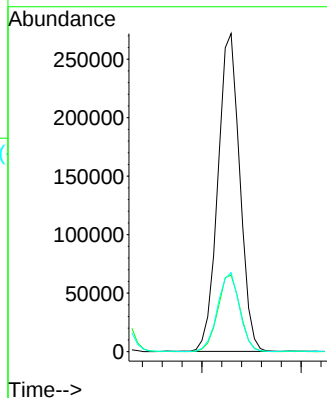
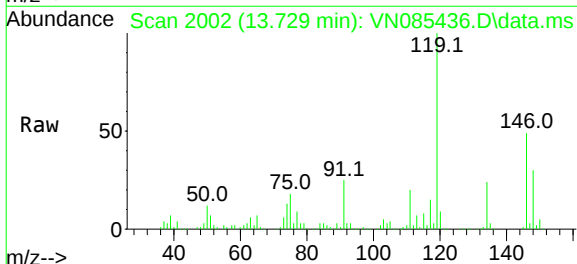
Manual Integrations
APPROVED

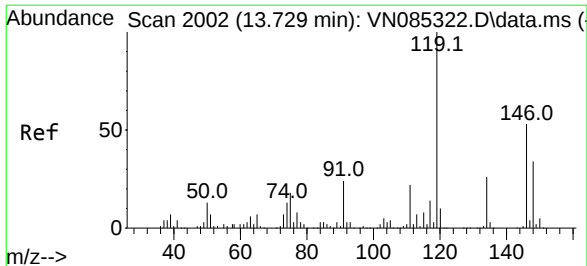
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#86
p-Isopropyltoluene
Concen: 50.088 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

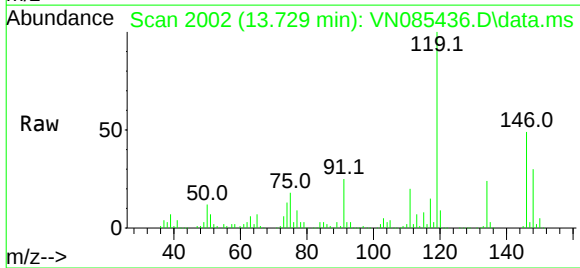
Tgt Ion:119 Resp: 416176
Ion Ratio Lower Upper
119 100
134 24.5 12.5 37.5
91 25.1 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 51.685 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

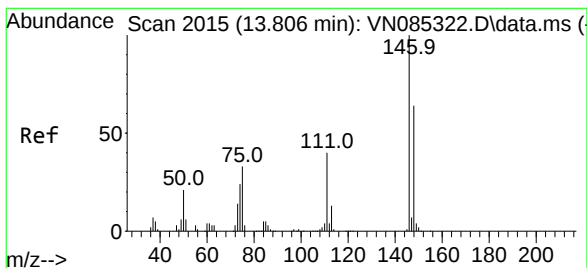
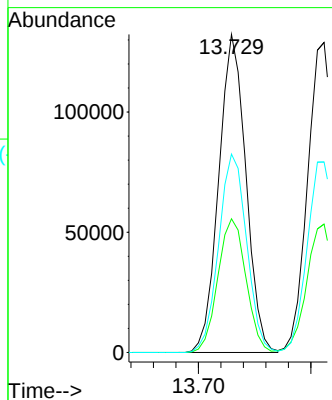
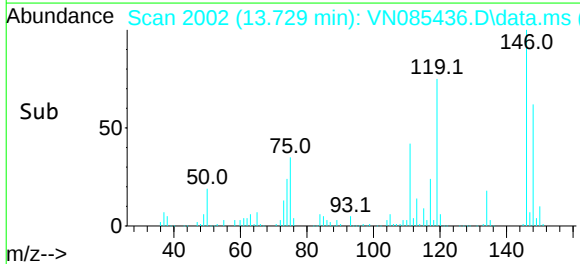
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 221637
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.9
148 64.4 31.5 94.5

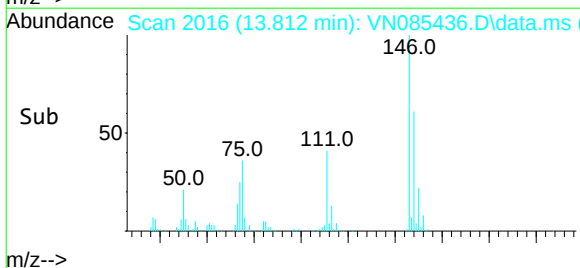
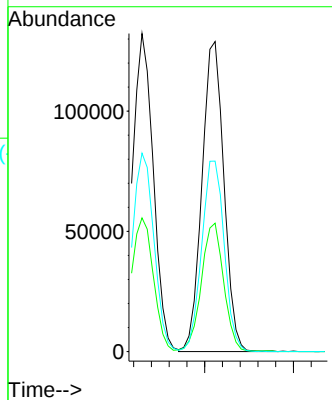
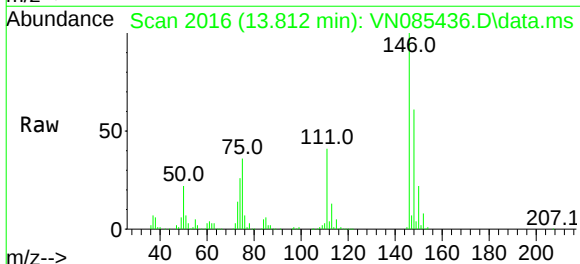
Manual Integrations
APPROVED

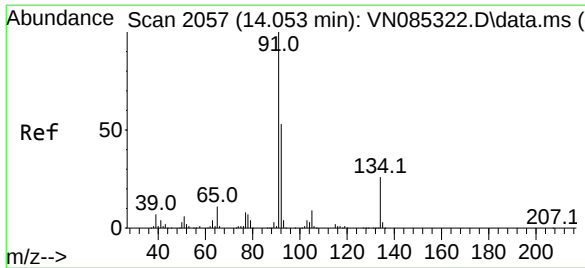
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#88
1,4-Dichlorobenzene
Concen: 50.268 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:146 Resp: 221424
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.5
148 63.3 31.7 95.1





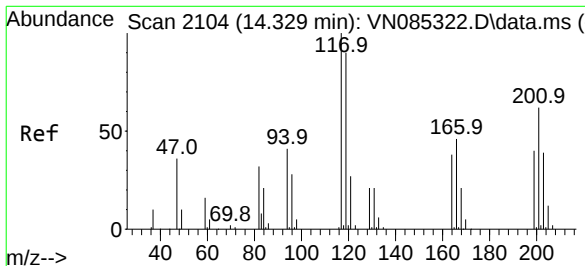
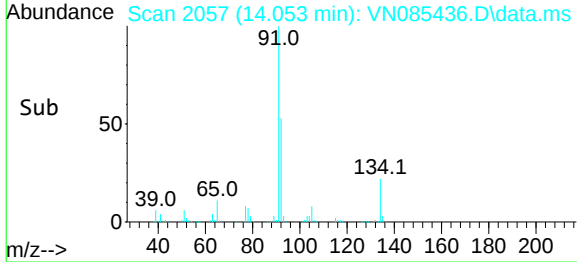
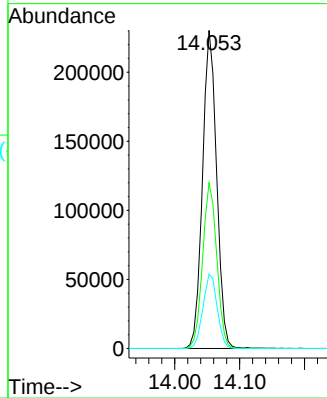
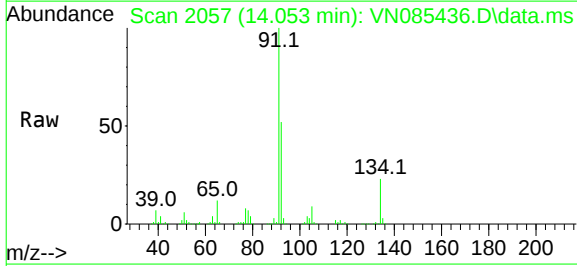
#89
n-Butylbenzene
Concen: 51.219 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 348279
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 23.5 12.1 36.3

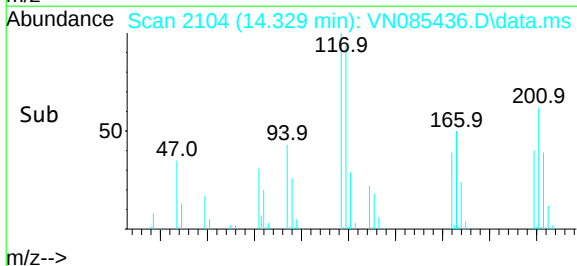
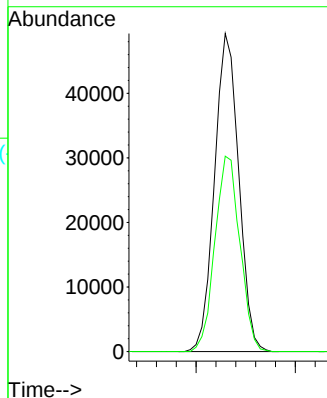
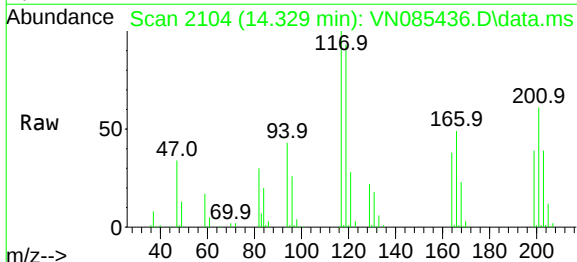
Manual Integrations
APPROVED

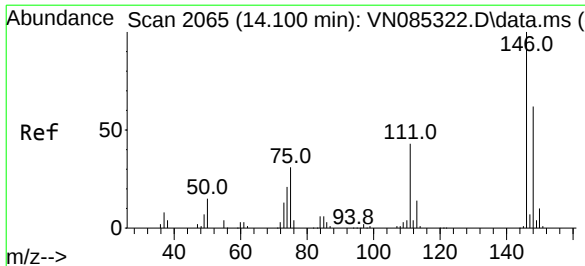
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#90
Hexachloroethane
Concen: 54.933 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

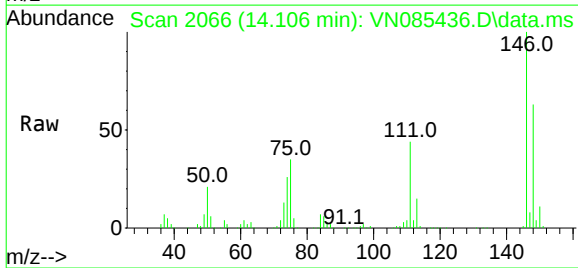
Tgt Ion:117 Resp: 83614
Ion Ratio Lower Upper
117 100
201 63.5 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 52.075 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

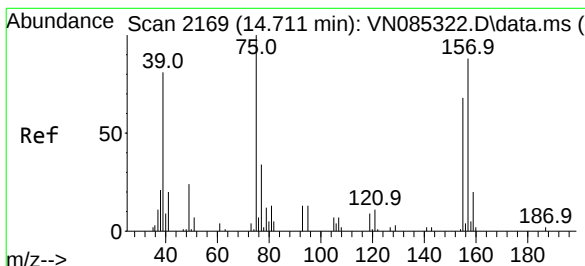
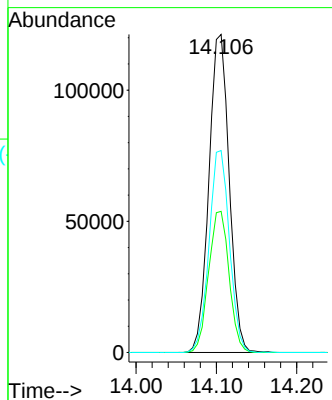
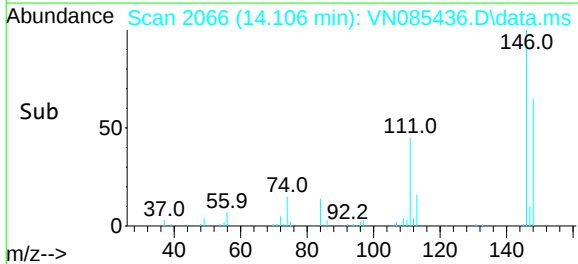
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 212723
Ion Ratio Lower Upper
146 100
111 44.8 21.8 65.3
148 63.8 31.4 94.2

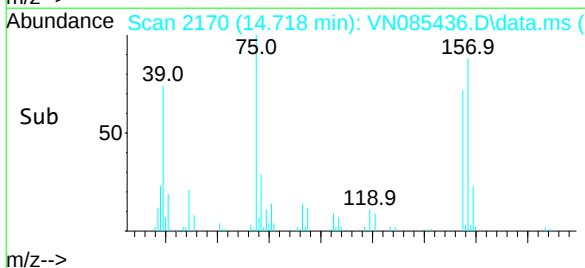
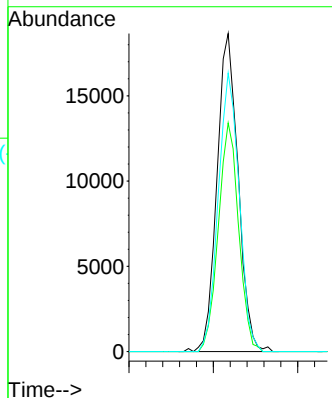
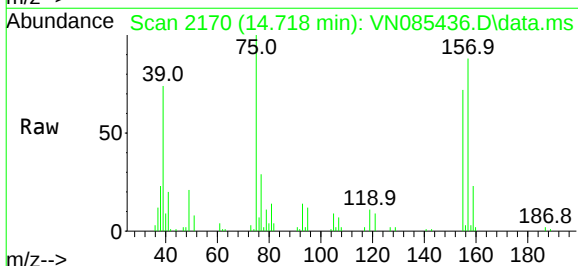
Manual Integrations
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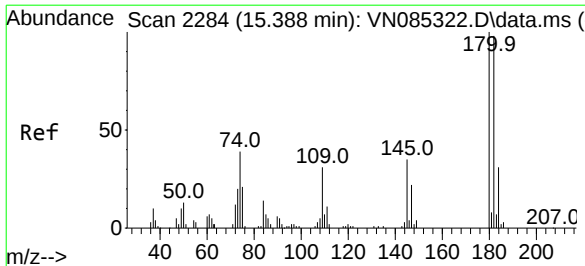
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.008 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

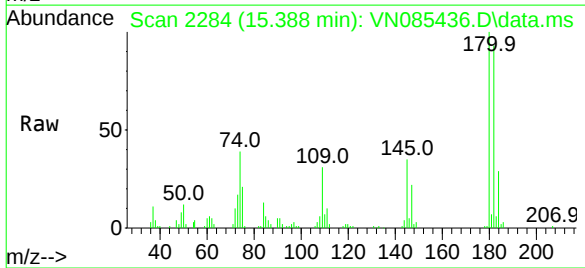
Tgt Ion: 75 Resp: 32476
Ion Ratio Lower Upper
75 100
155 69.0 35.6 106.9
157 86.2 47.0 141.0





#93
1,2,4-Trichlorobenzene
Concen: 50.494 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

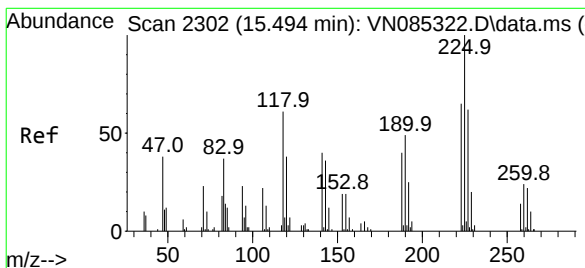
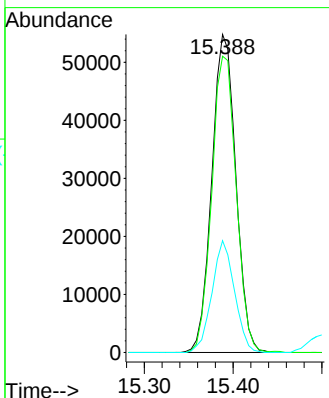
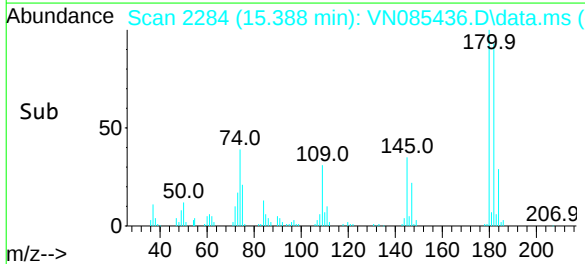
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



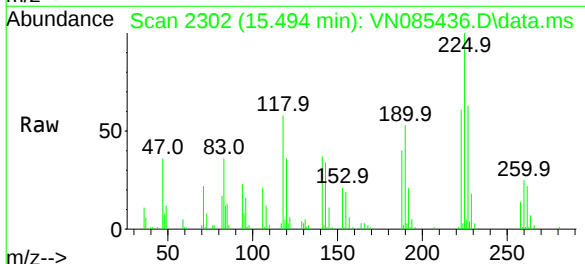
Tgt Ion:180 Resp: 102945
Ion Ratio Lower Upper
180 100
182 94.8 47.2 141.6
145 33.1 16.6 49.8

Manual Integrations
APPROVED

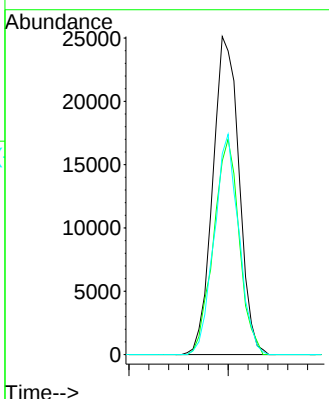
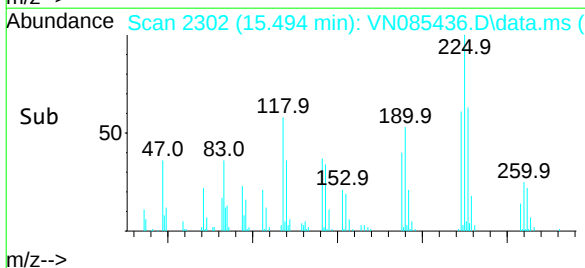
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

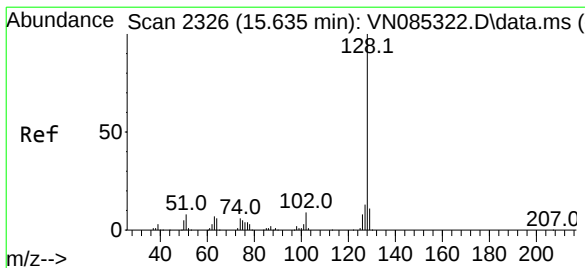


#94
Hexachlorobutadiene
Concen: 45.546 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30



Tgt Ion:225 Resp: 46136
Ion Ratio Lower Upper
225 100
223 66.2 31.6 94.7
227 65.1 30.3 91.0





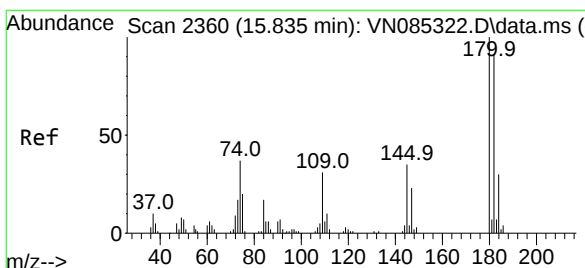
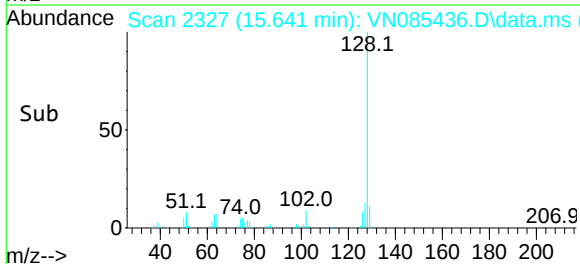
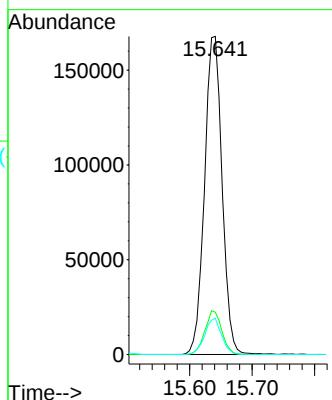
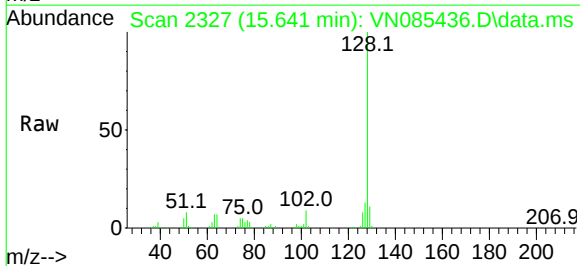
#95
Naphthalene
Concen: 47.373 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 327501
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.404 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085436.D
Acq: 13 Jan 2025 19:30

Tgt Ion:180 Resp: 100636
Ion Ratio Lower Upper
180 100
182 96.2 46.8 140.4
145 33.6 17.2 51.6

