

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085574.D
 Acq On : 29 Jan 2025 21:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 30 00:44:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	168481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147944	54.399	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.800%
35) Dibromofluoromethane	8.165	113	106875	50.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	10.565	98	388284	51.636	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.847	95	139501	54.232	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96276	42.205	ug/l	97
3) Chloromethane	2.359	50	107558	43.547	ug/l	100
4) Vinyl Chloride	2.512	62	111029	44.723	ug/l	98
5) Bromomethane	2.942	94	67644	45.108	ug/l	97
6) Chloroethane	3.112	64	77235	49.071	ug/l	95
7) Trichlorofluoromethane	3.495	101	178592	49.579	ug/l	100
8) Diethyl Ether	3.959	74	61751	49.622	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	98541	48.569	ug/l	98
10) Methyl Iodide	4.589	142	120921	52.044	ug/l	99
11) Tert butyl alcohol	5.512	59	99716	320.202	ug/l	100
12) 1,1-Dichloroethene	4.336	96	90406	49.998	ug/l	99
13) Acrolein	4.177	56	118336	278.365	ug/l	99
14) Allyl chloride	5.024	41	145612	49.627	ug/l	98
15) Acrylonitrile	5.718	53	298545	301.818	ug/l	99
16) Acetone	4.424	43	264094	300.538	ug/l	98
17) Carbon Disulfide	4.712	76	225591	40.520	ug/l	100
18) Methyl Acetate	5.024	43	172320	64.489	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	343752	58.547	ug/l	98
20) Methylene Chloride	5.271	84	111789	51.388	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	96747	50.065	ug/l	97
22) Diisopropyl ether	6.671	45	372683	57.226	ug/l	99
23) Vinyl Acetate	6.600	43	1365846	299.684	ug/l	99
24) 1,1-Dichloroethane	6.565	63	213562	53.780	ug/l	99
25) 2-Butanone	7.483	43	403386	311.943	ug/l	98
26) 2,2-Dichloropropane	7.488	77	149922	46.697	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	121209	53.254	ug/l	98
28) Bromochloromethane	7.812	49	94958	51.399	ug/l	98
29) Tetrahydrofuran	7.835	42	267925	326.795	ug/l	99
30) Chloroform	7.965	83	221039	53.857	ug/l	95
31) Cyclohexane	8.253	56	148891	43.138	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	190835	53.009	ug/l	96
36) 1,1-Dichloropropene	8.371	75	139533	46.975	ug/l	99
37) Ethyl Acetate	7.559	43	164074	54.725	ug/l	98
38) Carbon Tetrachloride	8.359	117	166315	48.908	ug/l	97
39) Methylcyclohexane	9.600	83	123805	44.354	ug/l	98
40) Benzene	8.606	78	447234	50.110	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87028	55.793	ug/l	99
42) 1,2-Dichloroethane	8.671	62	172479	51.311	ug/l	99
43) Isopropyl Acetate	8.688	43	319404m	66.485	ug/l	
44) Trichloroethene	9.347	130	97582	46.970	ug/l	99
45) 1,2-Dichloropropane	9.618	63	117596	51.584	ug/l	96
46) Dibromomethane	9.706	93	84062	51.103	ug/l	98
47) Bromodichloromethane	9.882	83	180385	53.826	ug/l	98
48) Methyl methacrylate	9.682	41	129780	60.029	ug/l	99
49) 1,4-Dioxane	9.694	88	45020	1236.570	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	872839	313.096	ug/l	99
52) Toluene	10.629	92	271965	52.591	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	168202	53.111	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	176598	52.203	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	110823	54.151	ug/l	98
56) Ethyl methacrylate	10.871	69	174510	50.595	ug/l	98
57) 1,3-Dichloropropane	11.159	76	191144	53.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	354379	272.866	ug/l	99
59) 2-Hexanone	11.194	43	642961	327.781	ug/l	99
60) Dibromochloromethane	11.359	129	132278	53.537	ug/l	98
61) 1,2-Dibromoethane	11.465	107	106771	52.412	ug/l	99
64) Tetrachloroethene	11.100	164	81190	43.891	ug/l	99
65) Chlorobenzene	11.888	112	297704	50.084	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	114516	52.491	ug/l	97
67) Ethyl Benzene	11.959	91	517417	53.444	ug/l	99
68) m/p-Xylenes	12.070	106	398409	111.347	ug/l	100
69) o-Xylene	12.394	106	186944	54.670	ug/l	98
70) Styrene	12.412	104	330000	58.313	ug/l	100
71) Bromoform	12.576	173	89706	57.468	ug/l #	100
73) Isopropylbenzene	12.694	105	476133	51.652	ug/l	99
74) N-amyl acetate	12.494	43	237742	57.379	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	172051	52.838	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	139755m	50.343	ug/l	
77) Bromobenzene	12.976	156	119987	49.821	ug/l	99
78) n-propylbenzene	13.035	91	569615	52.197	ug/l	100
79) 2-Chlorotoluene	13.123	91	357347	50.597	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	408977	53.712	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	54701	53.312	ug/l	90
82) 4-Chlorotoluene	13.217	91	359485	51.120	ug/l	99
83) tert-Butylbenzene	13.435	119	333380	52.138	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	418062	55.088	ug/l	99
85) sec-Butylbenzene	13.612	105	471264	53.177	ug/l	100
86) p-Isopropyltoluene	13.729	119	388549	48.830	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	222505	50.167	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218940	47.624	ug/l	98
89) n-Butylbenzene	14.053	91	315429	49.613	ug/l	100
90) Hexachloroethane	14.329	117	83429	49.451	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	216362	48.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33473	56.294	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	98063	47.691	ug/l	99
94) Hexachlorobutadiene	15.500	225	46467	42.566	ug/l	98
95) Naphthalene	15.641	128	322943	52.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101205	48.643	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

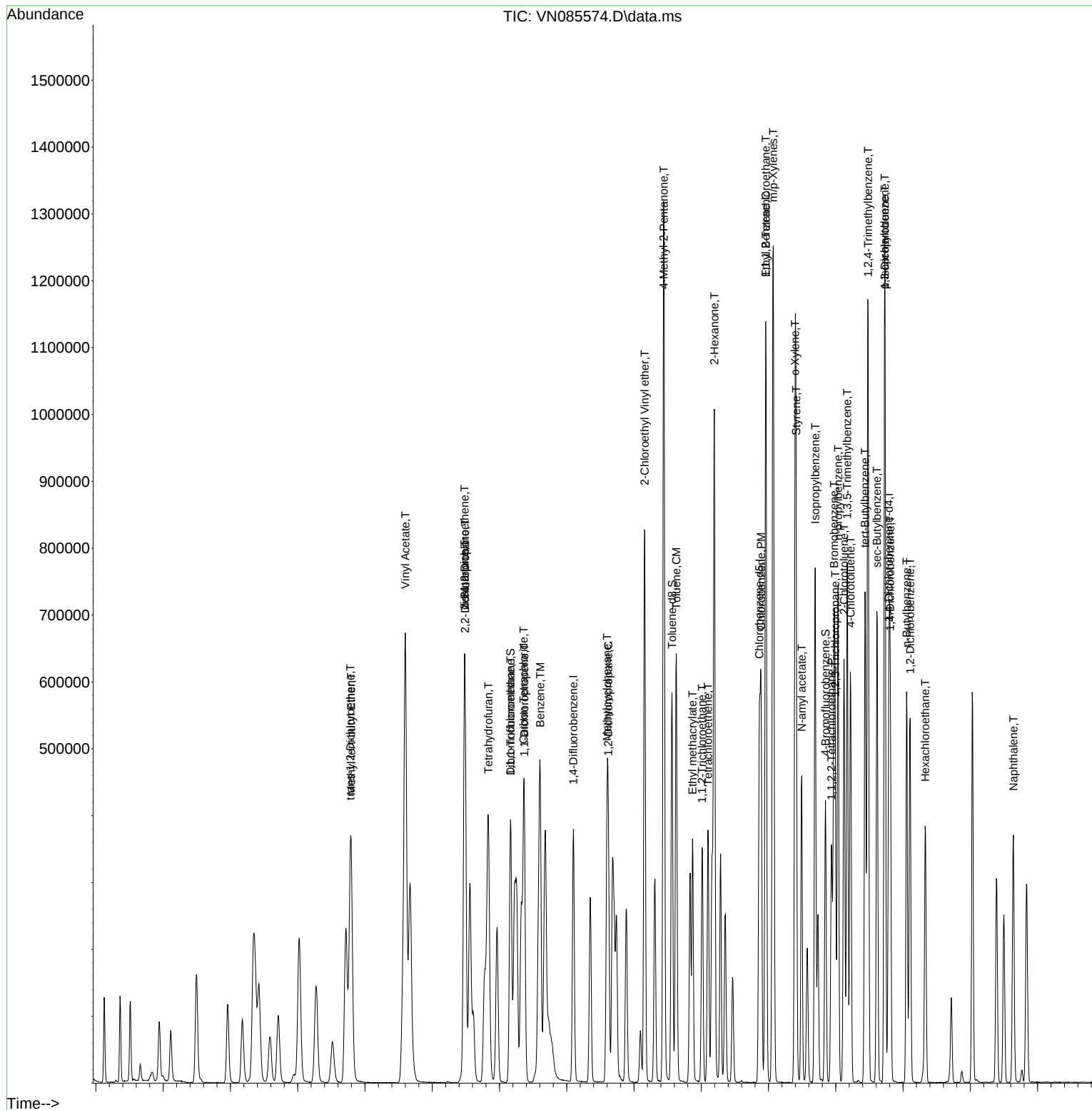
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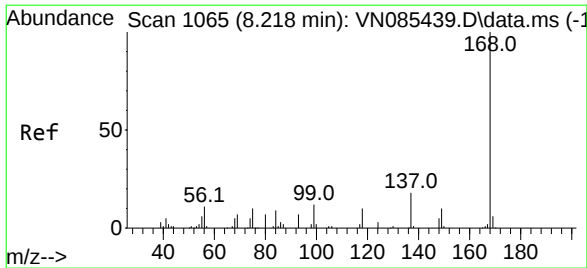
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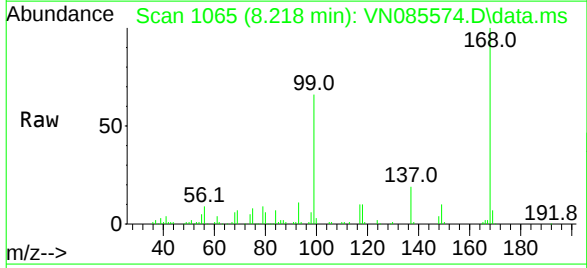
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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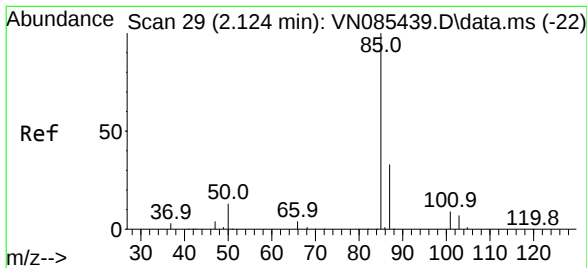
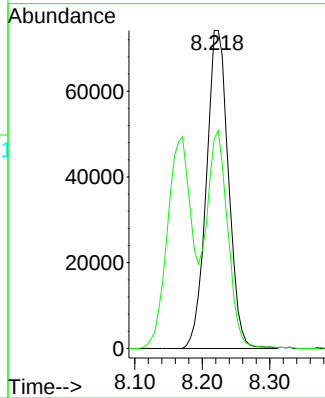
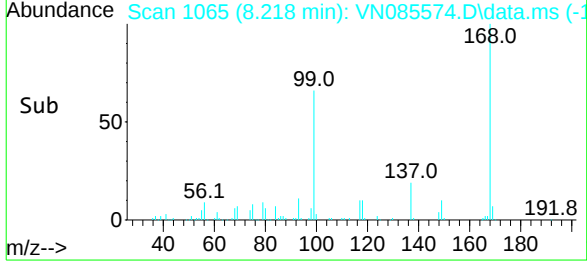
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 168481
Ion Ratio Lower Upper
168 100
99 65.7 53.6 80.4

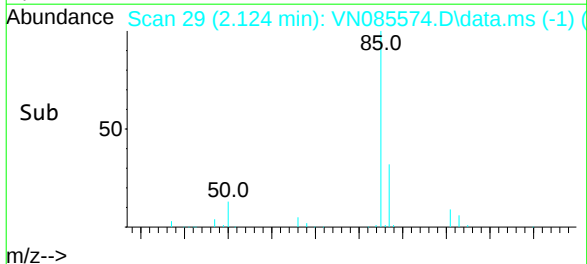
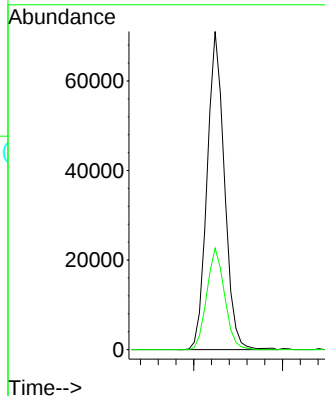
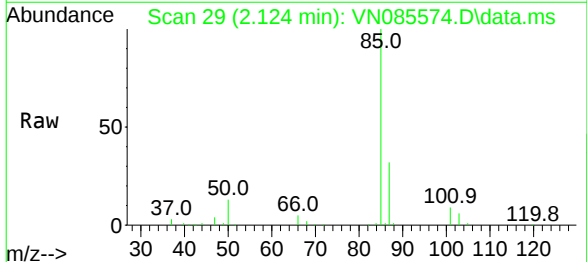
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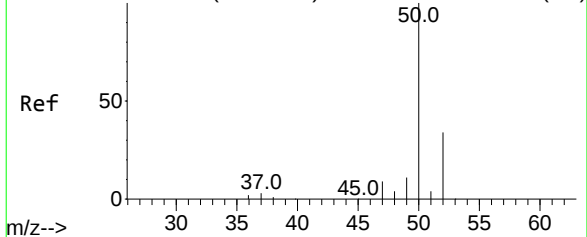


#2
Dichlorodifluoromethane
Concen: 42.205 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085574.D
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Tgt Ion: 85 Resp: 96276
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1



Abundance Scan 69 (2.359 min): VN085439.D\data.ms (-62)



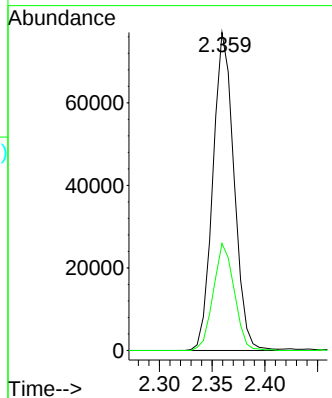
#3
Chloromethane
Concen: 43.547 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
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ClientSampleId :
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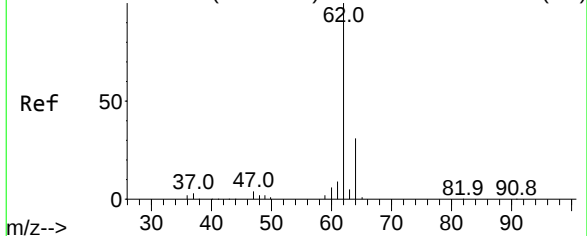
Tgt Ion: 50 Resp: 107558
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.6

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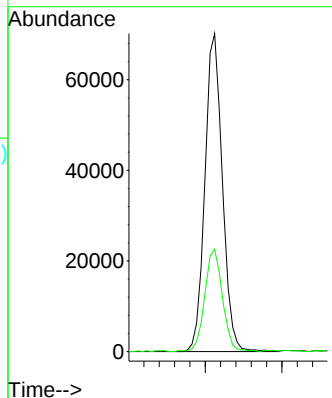


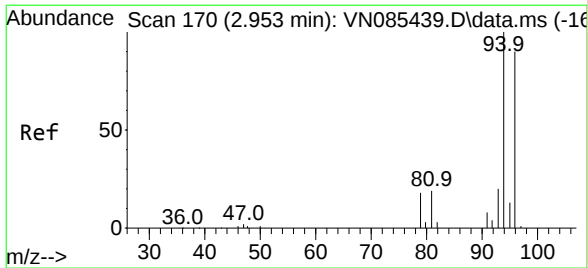
Abundance Scan 95 (2.512 min): VN085439.D\data.ms (-87)



#4
Vinyl Chloride
Concen: 44.723 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 62 Resp: 111029
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2





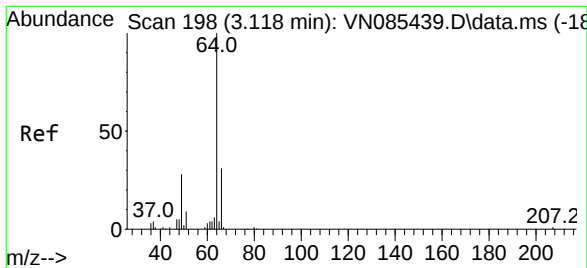
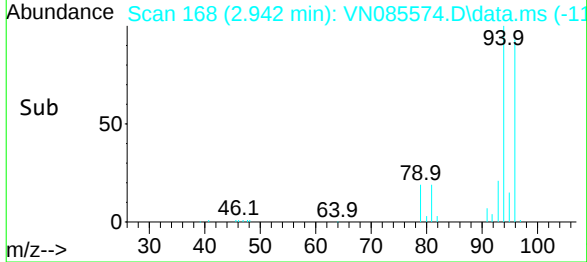
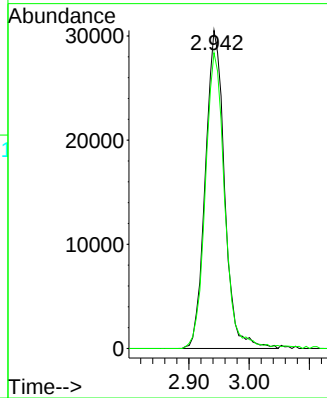
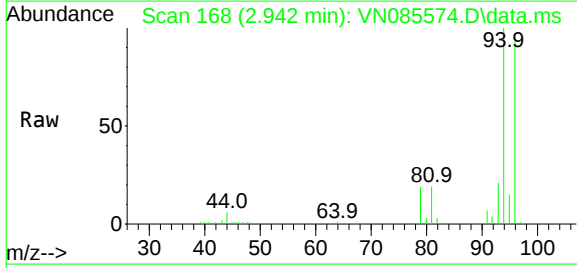
#5
Bromomethane
Concen: 45.108 ug/l
RT: 2.942 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN085574.D
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Tgt Ion: 94 Resp: 67644
Ion Ratio Lower Upper
94 100
96 93.0 71.8 107.6

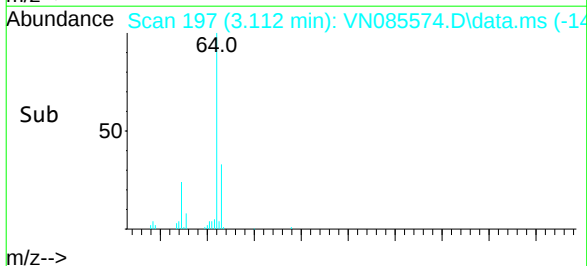
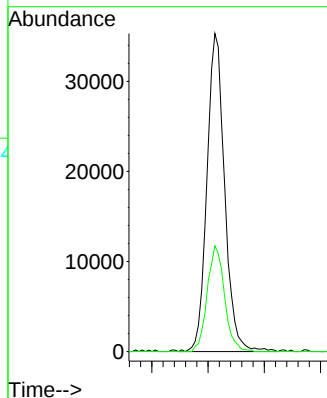
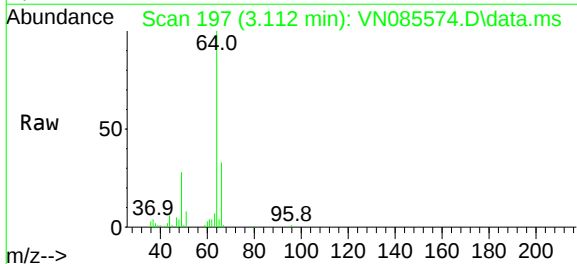
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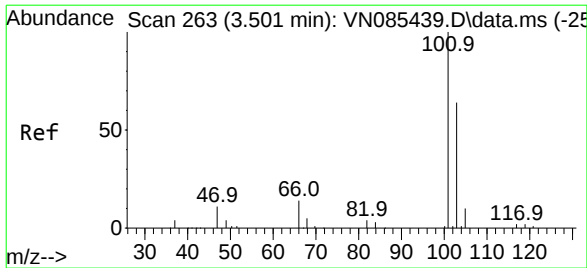
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#6
Chloroethane
Concen: 49.071 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085574.D
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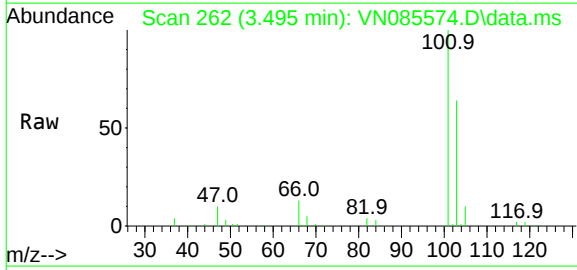
Tgt Ion: 64 Resp: 77235
Ion Ratio Lower Upper
64 100
66 33.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 49.579 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085574.D
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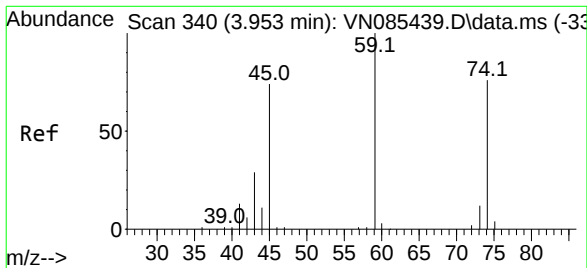
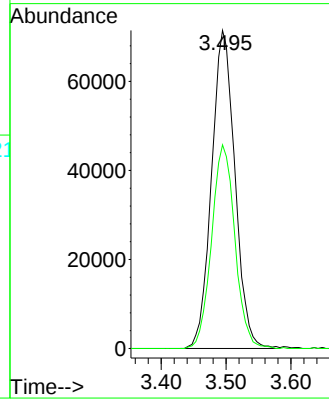
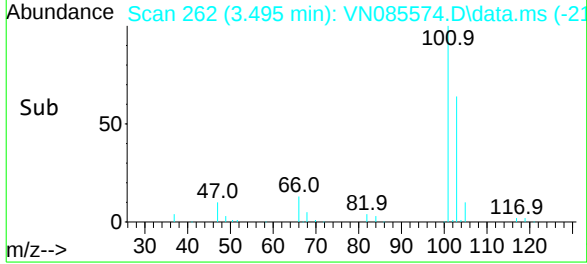
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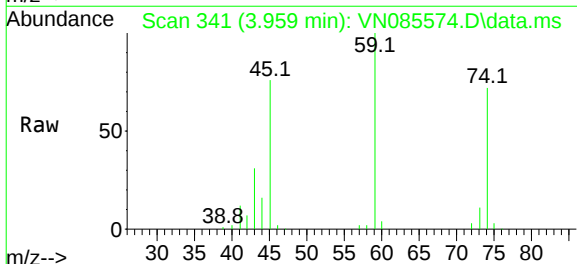
Tgt Ion:101 Resp: 178592
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2

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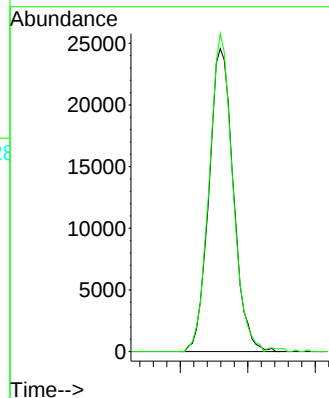
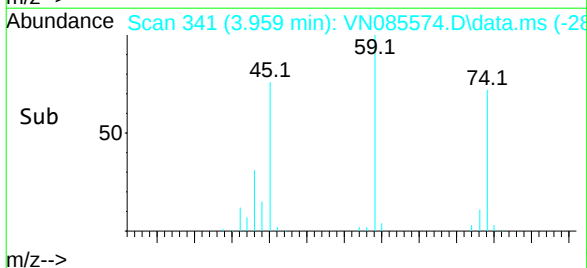
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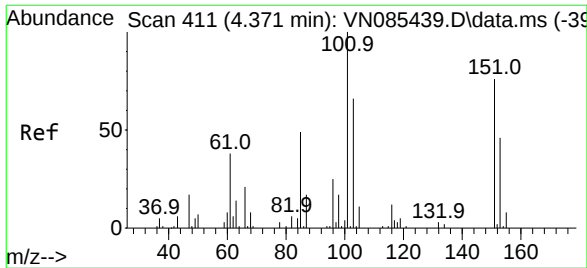


#8
 Diethyl Ether
 Concen: 49.622 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085574.D
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Tgt Ion: 74 Resp: 61751
 Ion Ratio Lower Upper
 74 100
 45 101.2 49.7 149.1





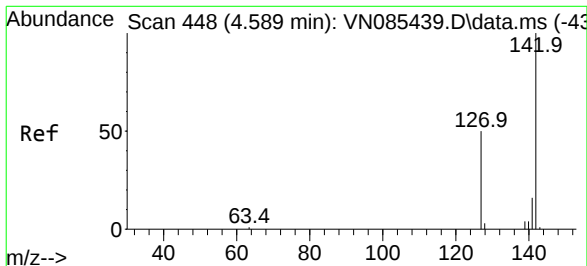
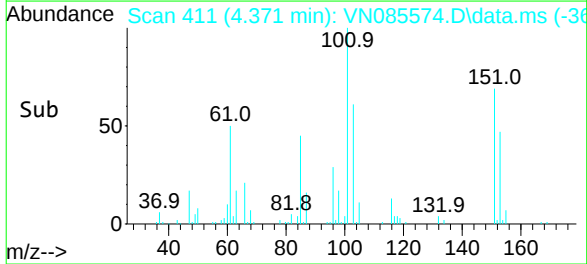
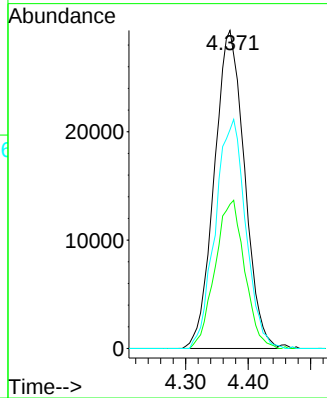
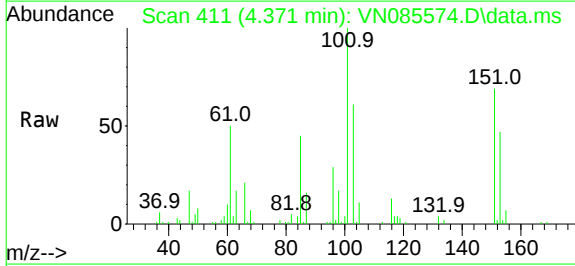
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.569 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	101	Resp:	98541
Ion Ratio	Lower	Upper	
101	100		
85	45.5	37.8	56.8
151	72.5	58.8	88.2

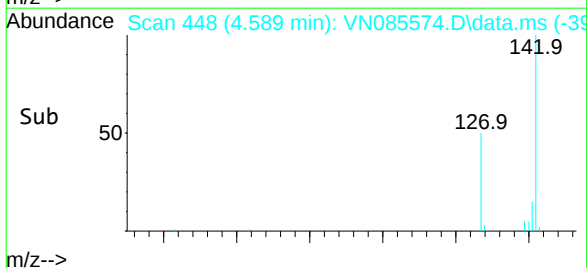
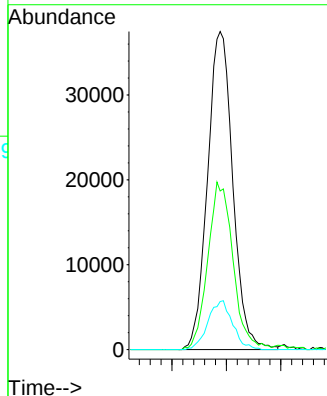
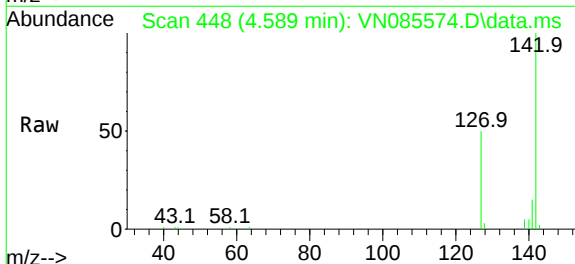
Manual Integrations
APPROVED

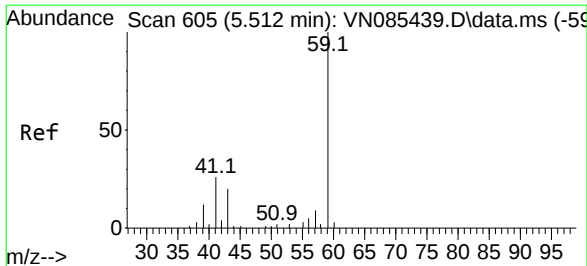
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#10
Methyl Iodide
Concen: 52.044 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion:	142	Resp:	120921
Ion Ratio	Lower	Upper	
142	100		
127	49.9	40.3	60.5
141	15.1	12.8	19.2





#11

Tert butyl alcohol

Concen: 320.202 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.000 min

Lab File: VN085574.D

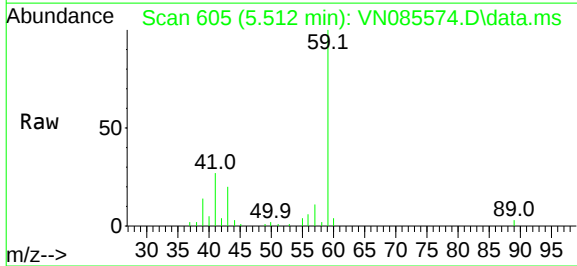
Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 99716

Ion Ratio Lower Upper

59 100

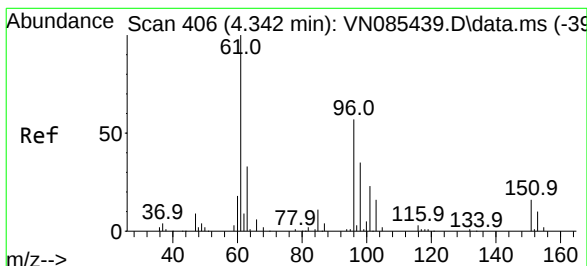
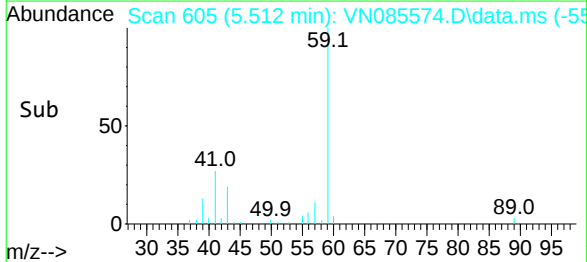
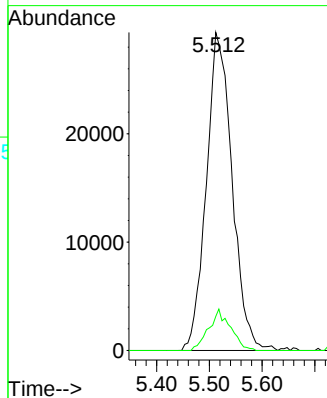
57 11.0 8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#12

1,1-Dichloroethene

Concen: 49.998 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

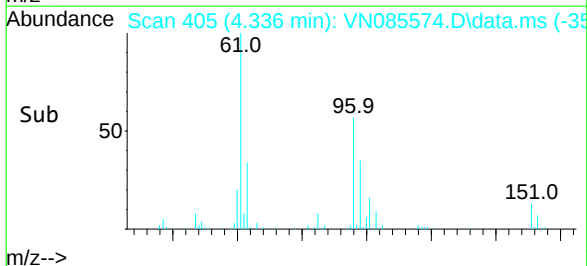
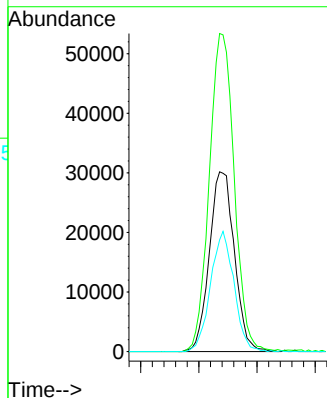
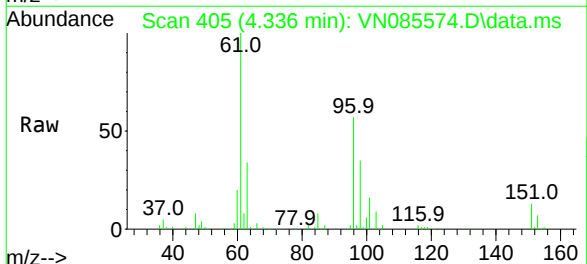
Tgt Ion: 96 Resp: 90406

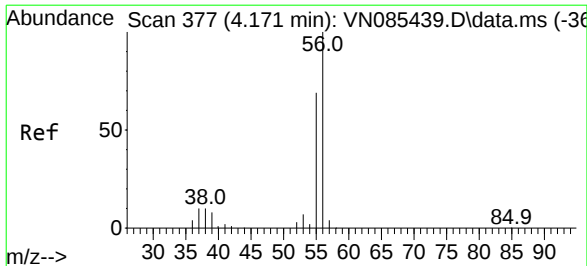
Ion Ratio Lower Upper

96 100

61 176.9 141.0 211.4

98 62.2 49.0 73.6





#13

Acrolein

Concen: 278.365 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 118336

Ion Ratio Lower Upper

56 100

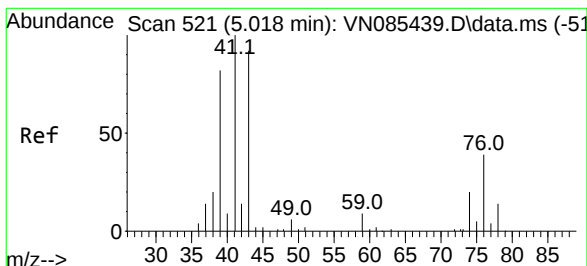
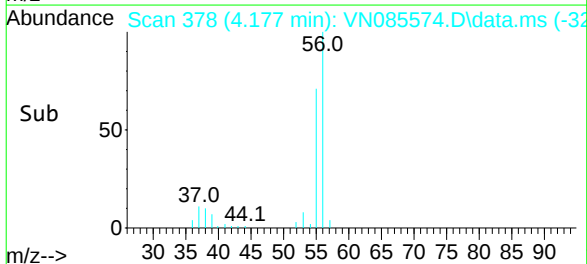
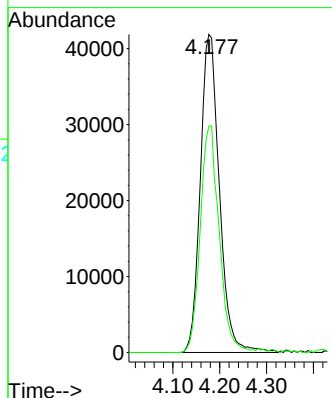
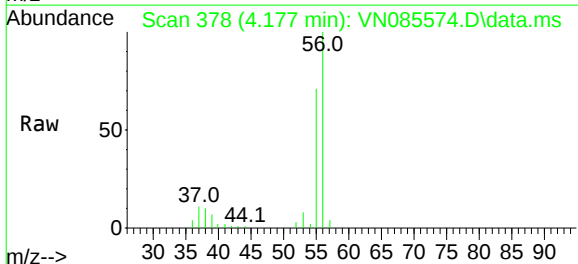
55 70.9 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#14

Allyl chloride

Concen: 49.627 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

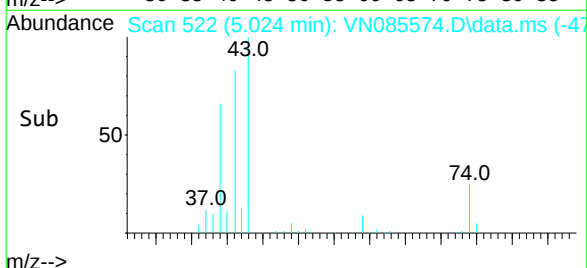
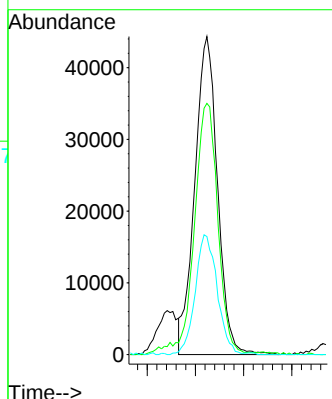
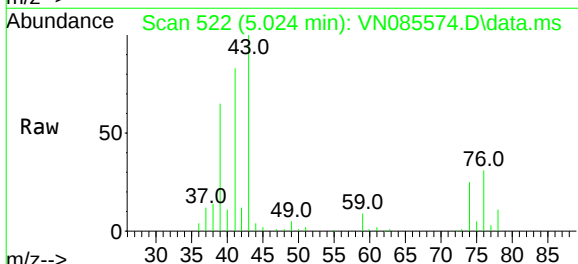
Tgt Ion: 41 Resp: 145612

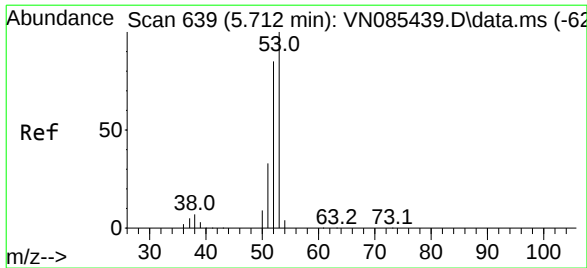
Ion Ratio Lower Upper

41 100

39 81.8 64.4 96.6

76 36.4 30.5 45.7





#15

Acrylonitrile

Concen: 301.818 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

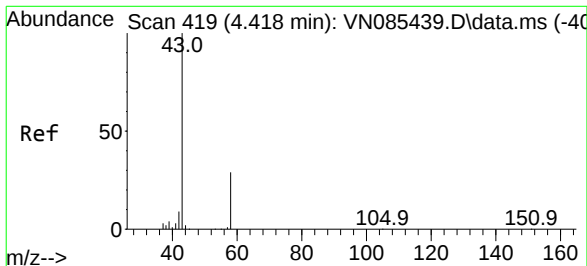
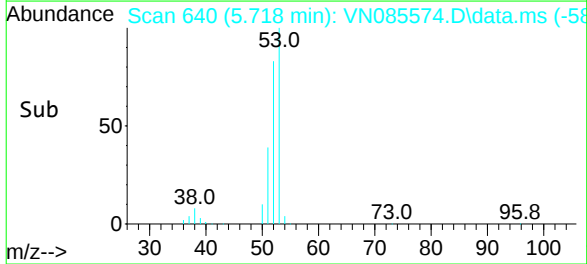
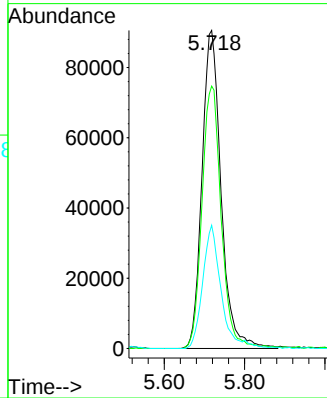
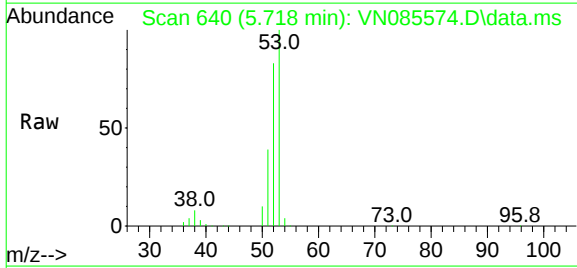
Tgt Ion:	53	Resp:	298545
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.5	98.3
51	37.4	29.8	44.8

Manual Integrations

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Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#16

Acetone

Concen: 300.538 ug/l

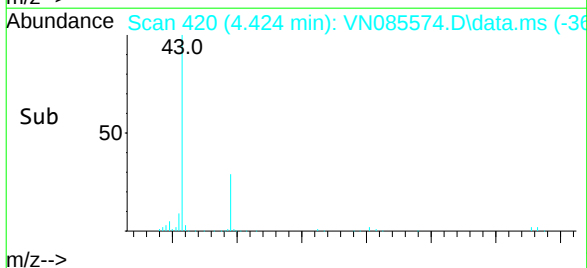
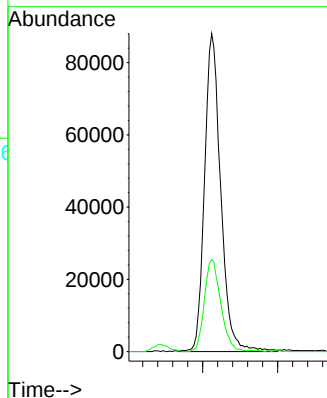
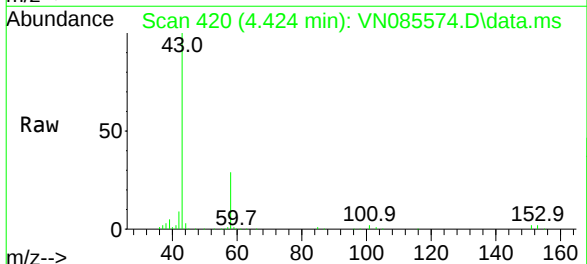
RT: 4.424 min Scan# 420

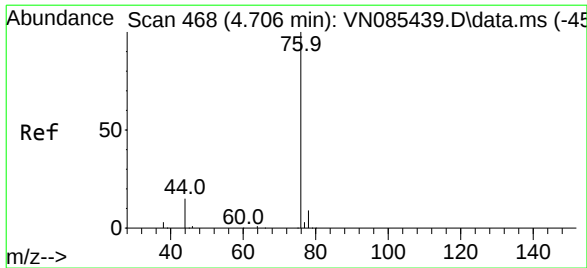
Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

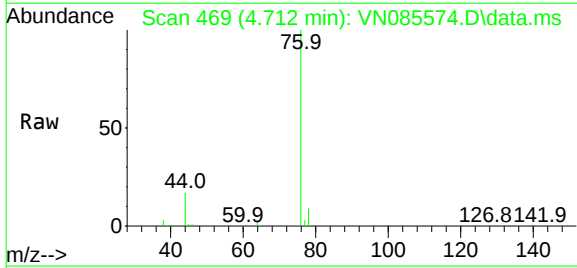
Tgt Ion:	43	Resp:	264094
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.8	35.6





#17
Carbon Disulfide
Concen: 40.520 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

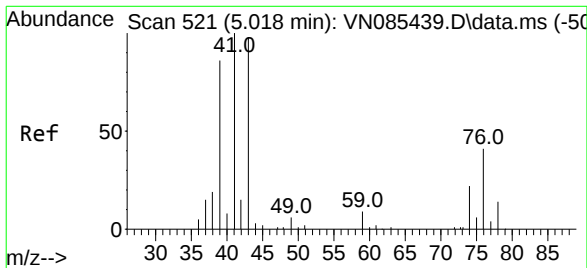
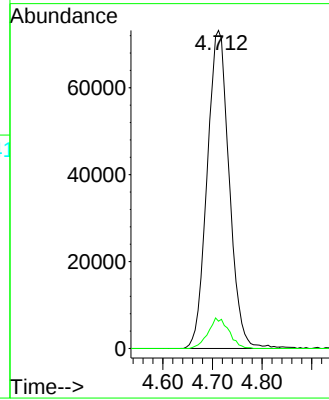
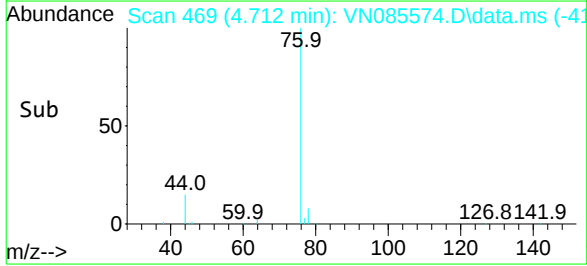
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 225591
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

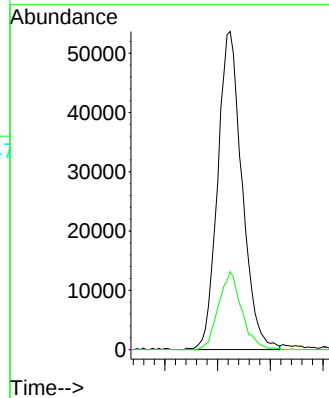
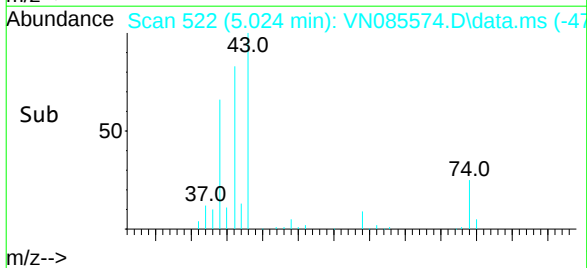
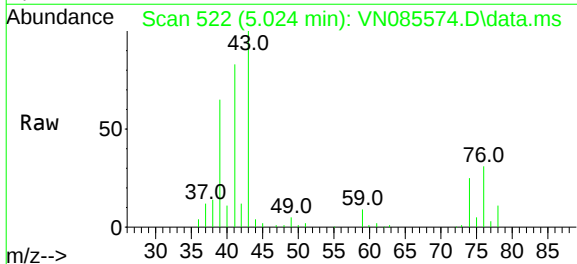
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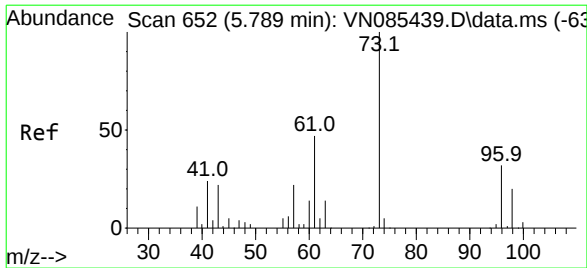
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#18
Methyl Acetate
Concen: 64.489 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 43 Resp: 172320
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 58.547 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 343752

Ion Ratio Lower Upper

73 100

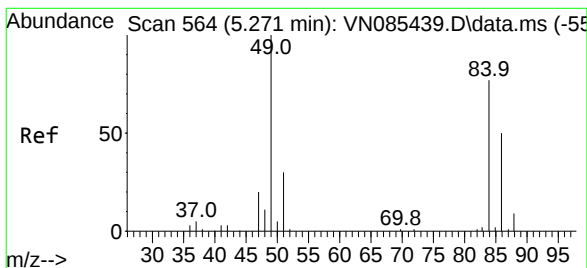
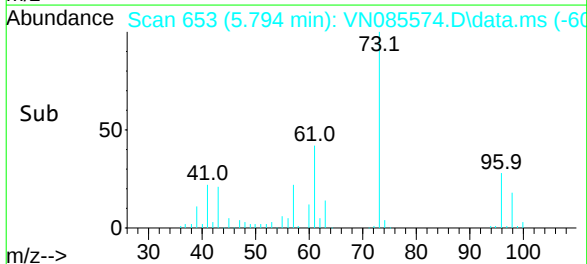
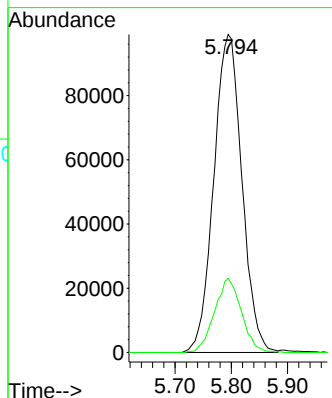
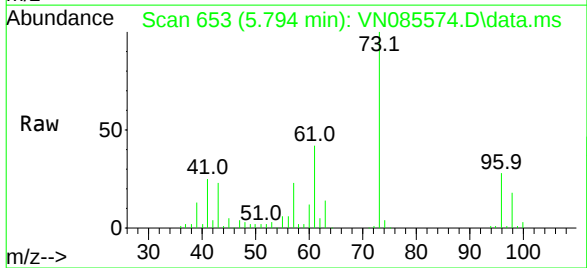
57 23.3 17.8 26.8

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APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#20

Methylene Chloride

Concen: 51.388 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Tgt Ion: 84 Resp: 111789

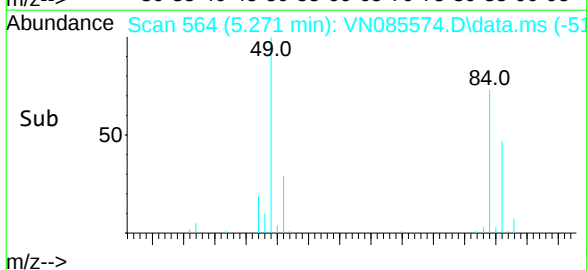
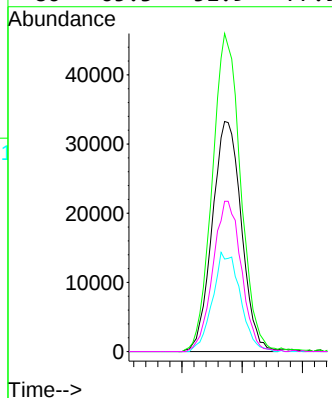
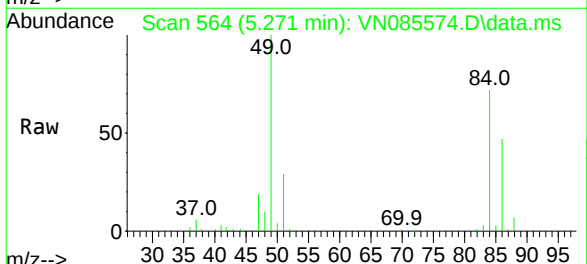
Ion Ratio Lower Upper

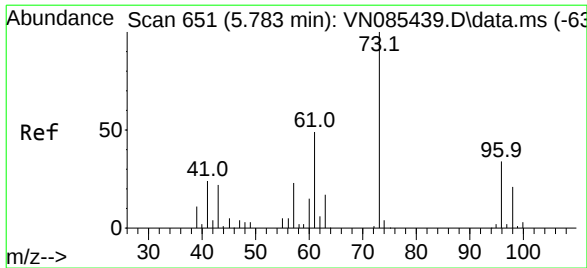
84 100

49 138.2 104.1 156.1

51 40.2 31.0 46.4

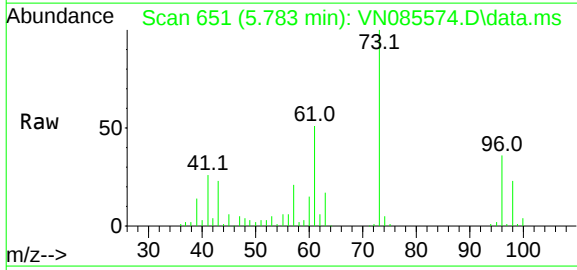
86 65.3 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 50.065 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

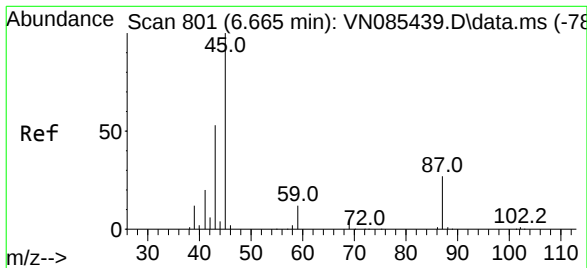
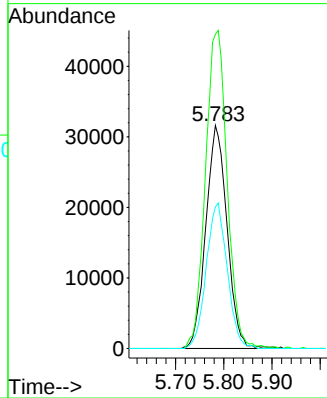
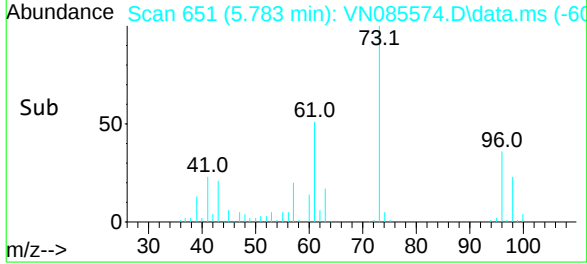
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



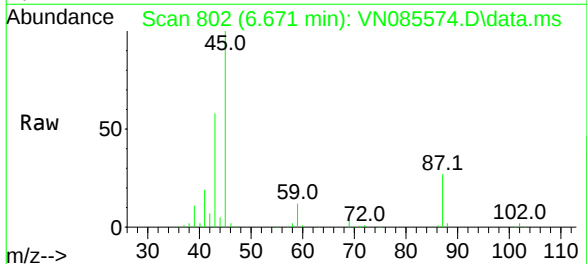
Tgt Ion: 96 Resp: 96747
Ion Ratio Lower Upper
96 100
61 140.9 115.7 173.5
98 63.5 49.8 74.8

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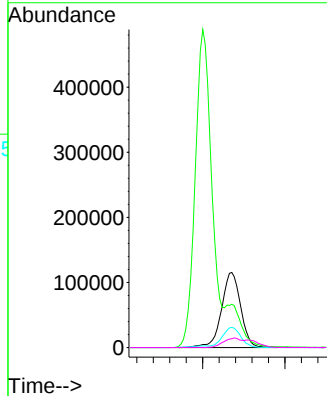
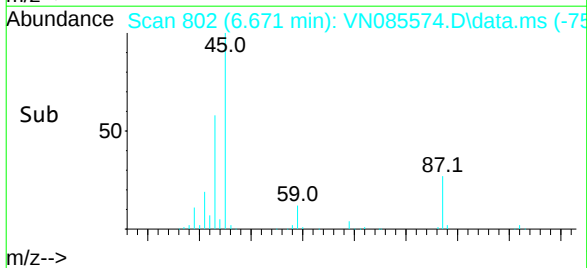
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

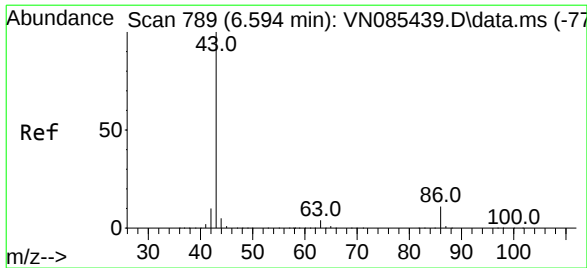


#22
Diisopropyl ether
Concen: 57.226 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55



Tgt Ion: 45 Resp: 372683
Ion Ratio Lower Upper
45 100
43 56.5 45.0 67.6
87 26.8 21.8 32.8
59 11.6 10.2 15.2





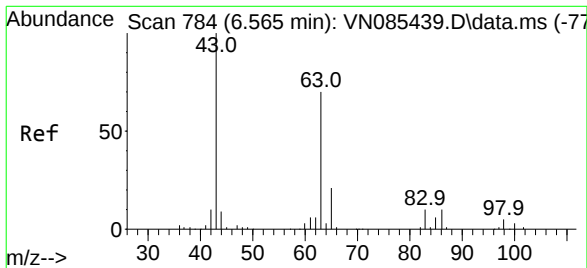
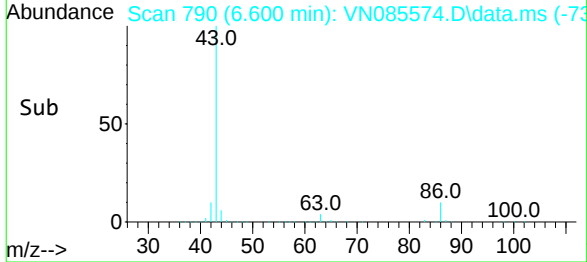
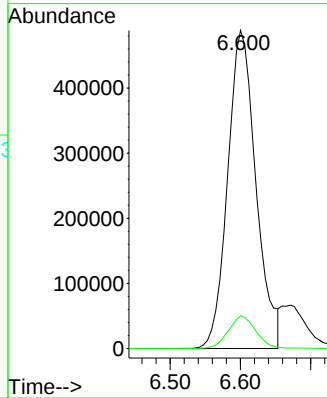
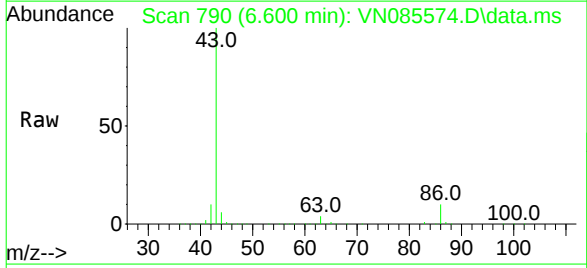
#23
 Vinyl Acetate
 Concen: 299.684 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085574.D
 Acq: 29 Jan 2025 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1365846
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6

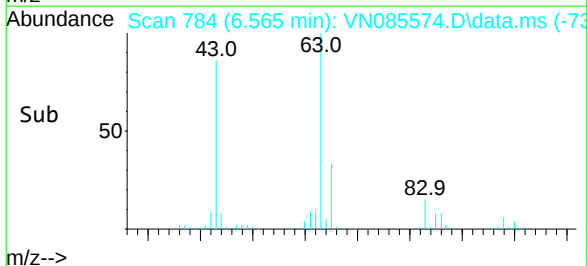
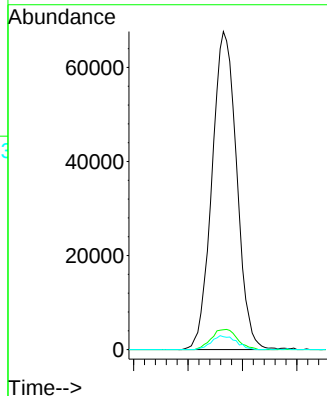
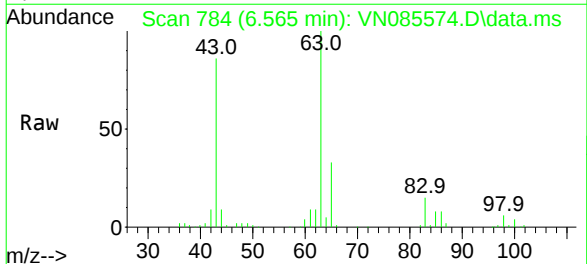
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#24
 1,1-Dichloroethane
 Concen: 53.780 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085574.D
 Acq: 29 Jan 2025 21:55

Tgt Ion: 63 Resp: 213562
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.1 2.0 6.0





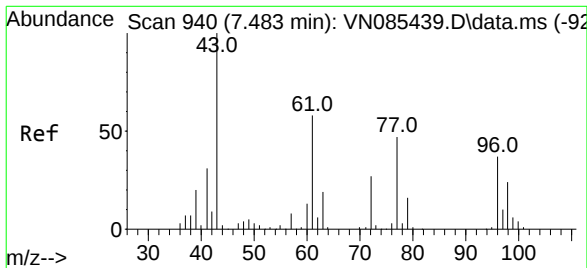
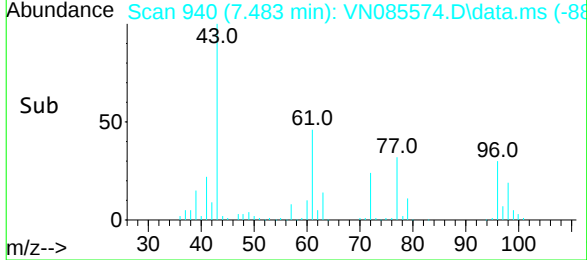
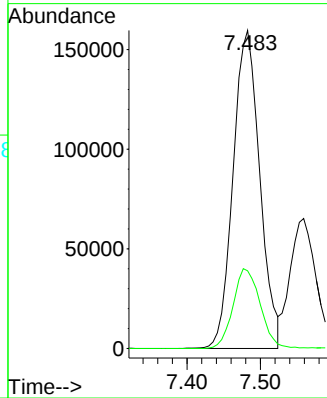
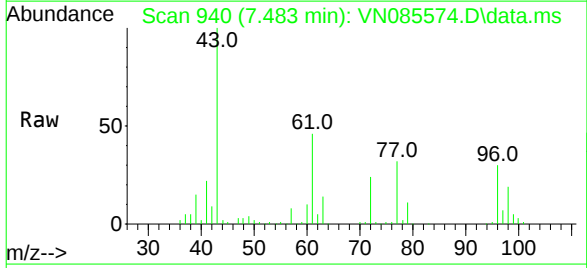
#25
2-Butanone
Concen: 311.943 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 403386
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.4

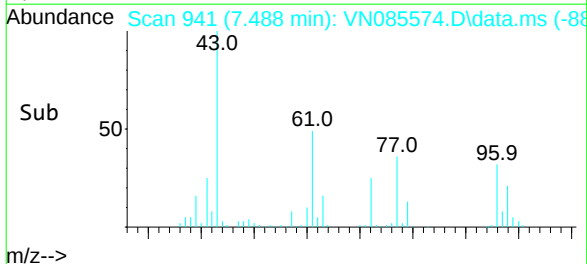
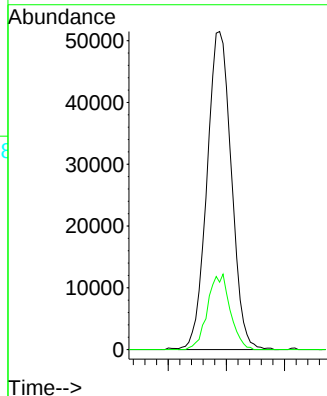
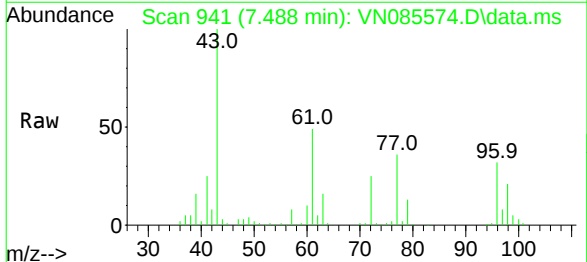
Manual Integrations
APPROVED

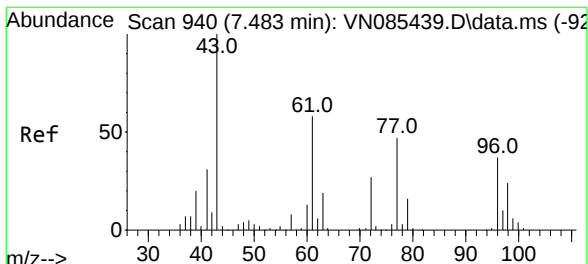
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#26
2,2-Dichloropropane
Concen: 46.697 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

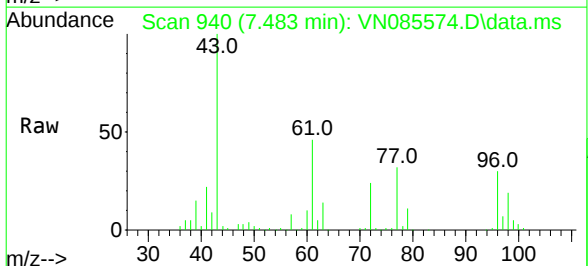
Tgt Ion: 77 Resp: 149922
Ion Ratio Lower Upper
77 100
97 22.0 10.7 32.1





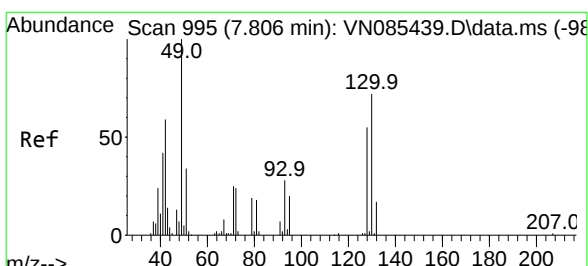
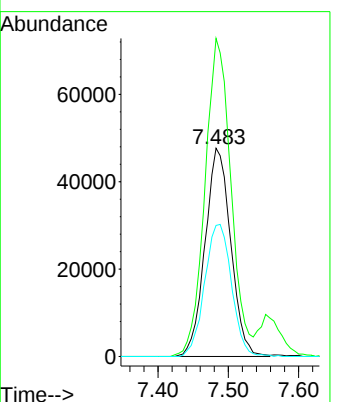
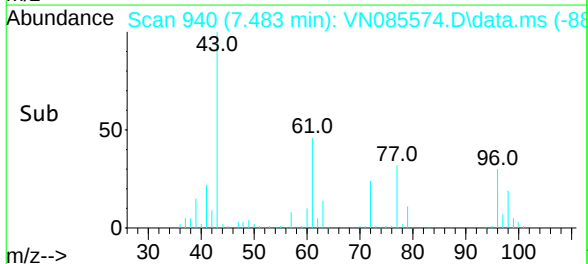
#27
 cis-1,2-Dichloroethene
 Concen: 53.254 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085574.D
 Acq: 29 Jan 2025 21:55

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

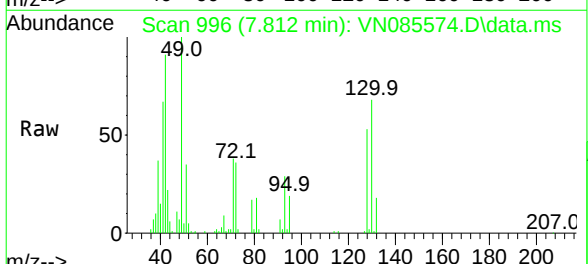


Tgt Ion:	96	Resp:	121209
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	311.8
98	66.3	0.0	126.0

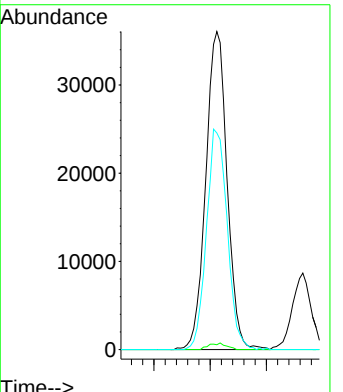
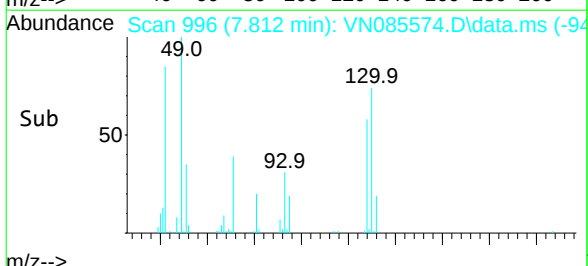
Manual Integrations
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 Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

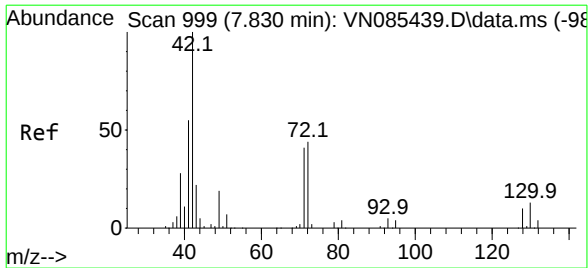


#28
 Bromochloromethane
 Concen: 51.399 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085574.D
 Acq: 29 Jan 2025 21:55



Tgt Ion:	49	Resp:	94958
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	67.4	55.0	82.4





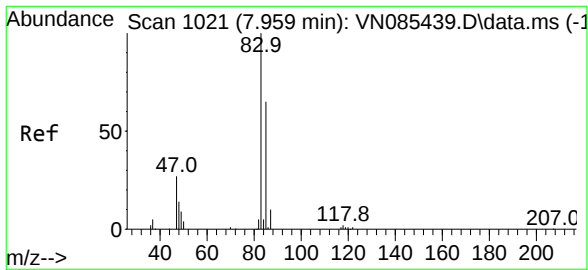
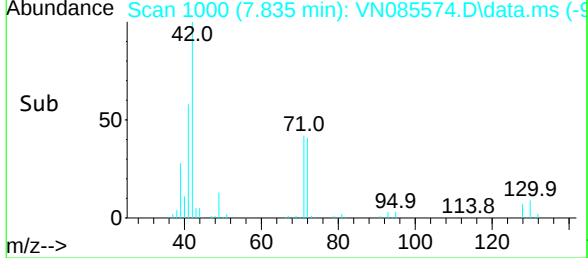
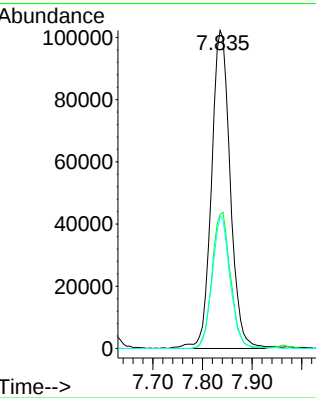
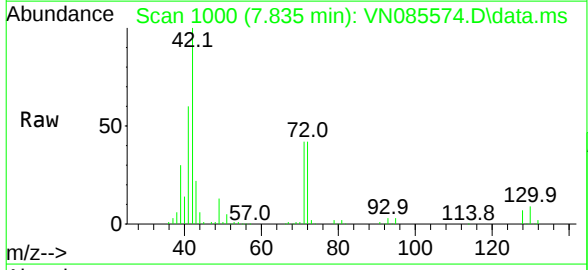
#29
Tetrahydrofuran
Concen: 326.795 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 267925
Ion Ratio Lower Upper
42 100
72 42.3 34.2 51.2
71 39.9 32.5 48.7

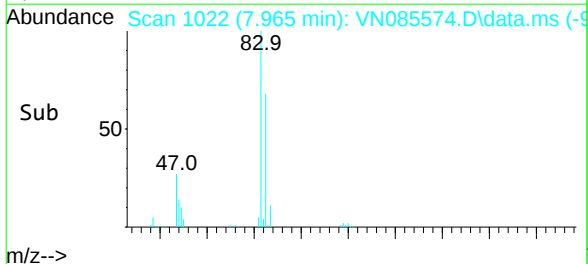
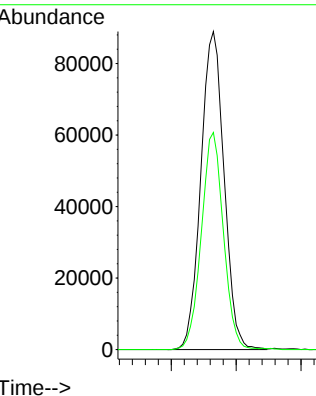
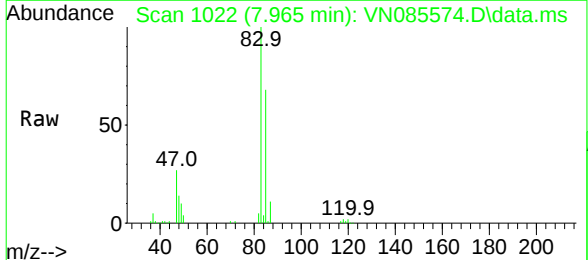
Manual Integrations
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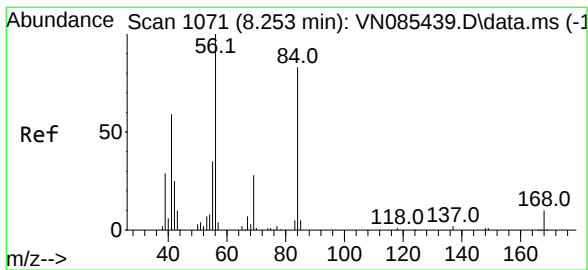
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#30
Chloroform
Concen: 53.857 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

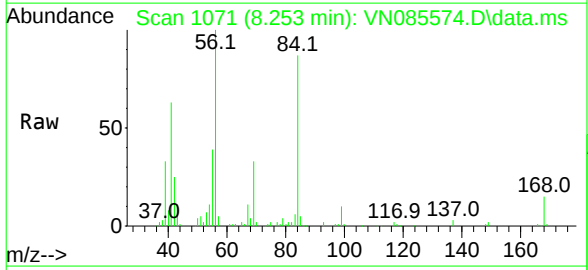
Tgt Ion: 83 Resp: 221039
Ion Ratio Lower Upper
83 100
85 68.3 51.8 77.6





#31
Cyclohexane
Concen: 43.138 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

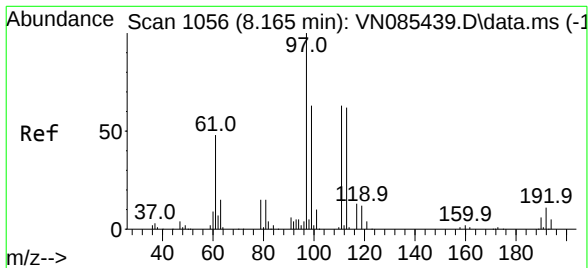
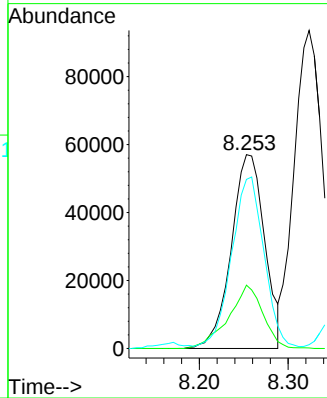
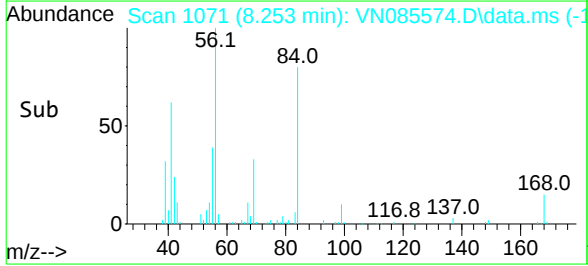
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



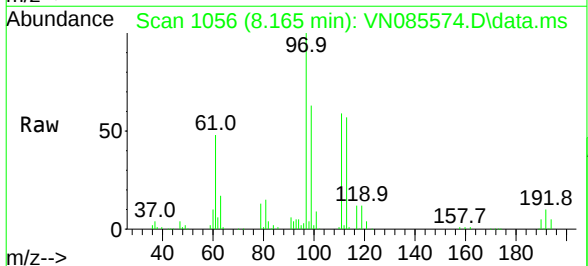
Tgt Ion: 56 Resp: 148891
Ion Ratio Lower Upper
56 100
69 32.7 22.2 33.4
84 85.4 66.4 99.6

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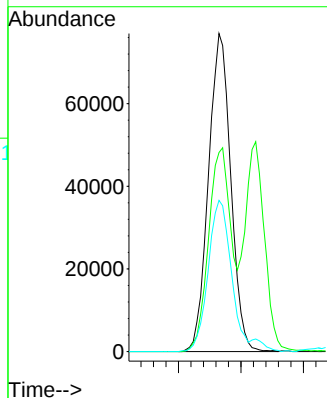
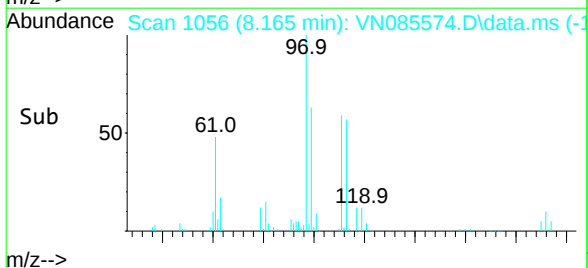
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

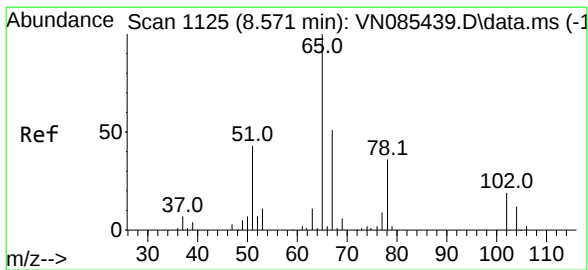


#32
1,1,1-Trichloroethane
Concen: 53.009 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55



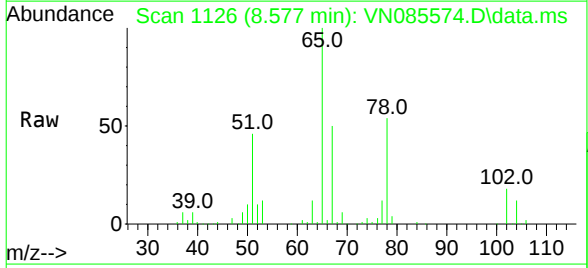
Tgt Ion: 97 Resp: 190835
Ion Ratio Lower Upper
97 100
99 65.1 49.8 74.6
61 49.3 41.4 62.2





#33
1,2-Dichloroethane-d4
Concen: 54.399 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

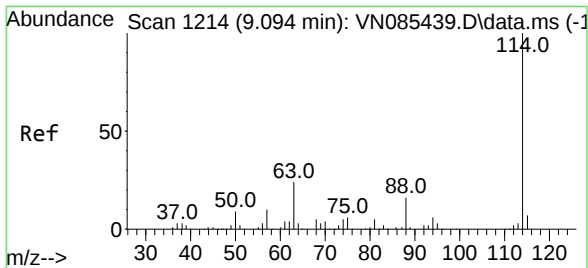
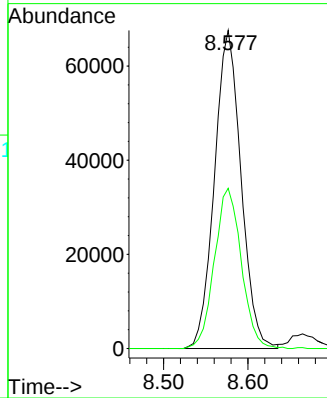
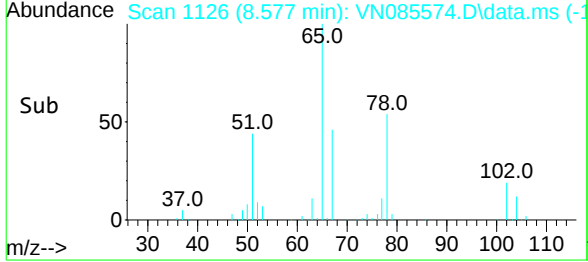
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



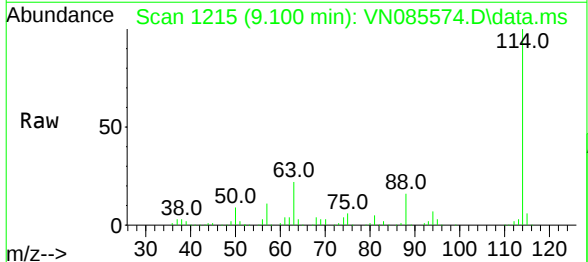
Tgt Ion: 65 Resp: 147944
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6

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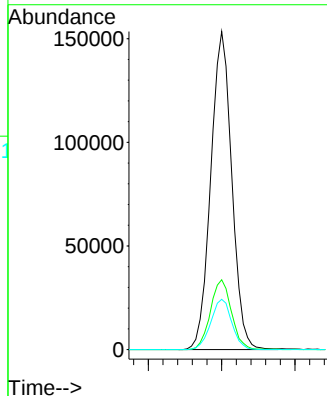
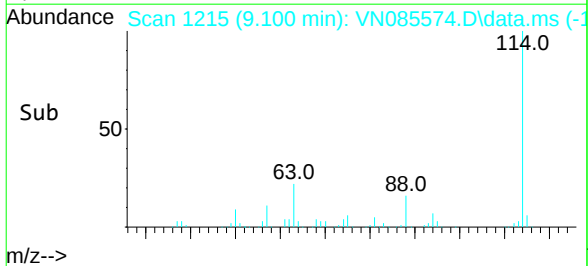
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

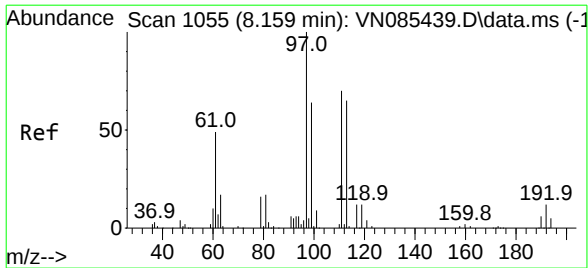


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55



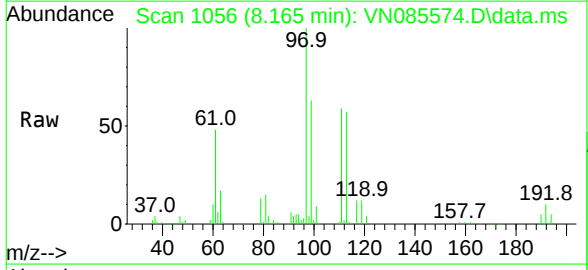
Tgt Ion:114 Resp: 305071
Ion Ratio Lower Upper
114 100
63 22.0 0.0 47.6
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.497 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

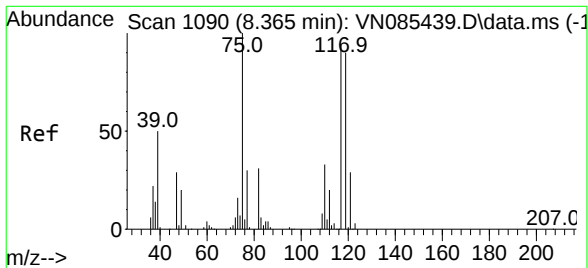
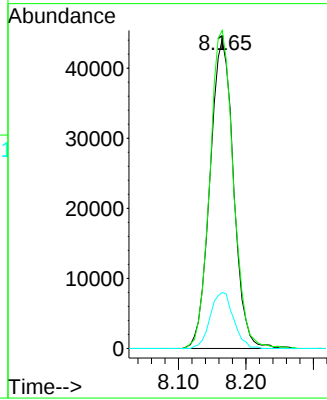
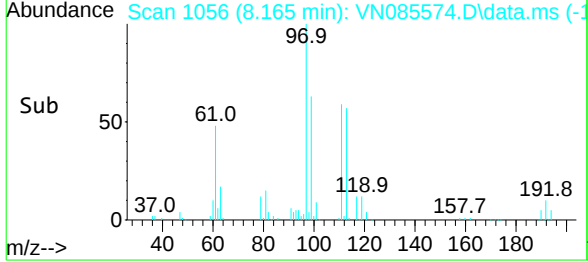
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 106875
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 17.9 14.3 21.5

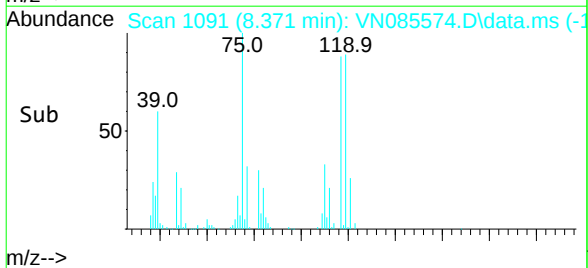
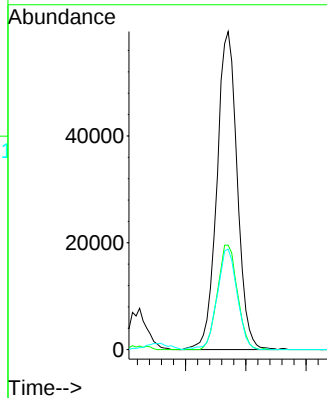
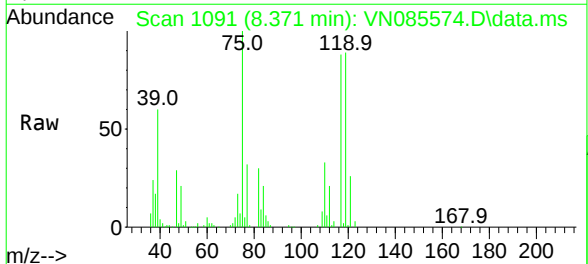
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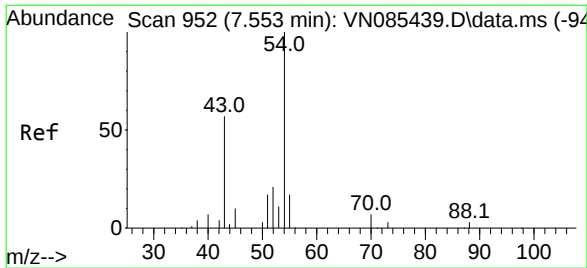
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#36
1,1-Dichloropropene
Concen: 46.975 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

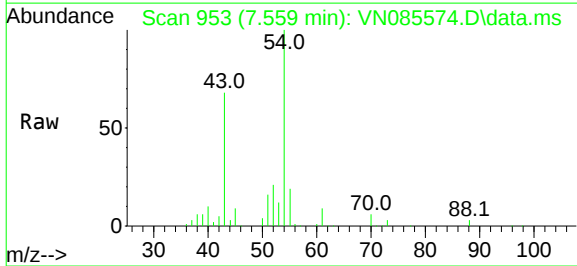
Tgt Ion: 75 Resp: 139533
Ion Ratio Lower Upper
75 100
110 32.3 16.5 49.5
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 54.725 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

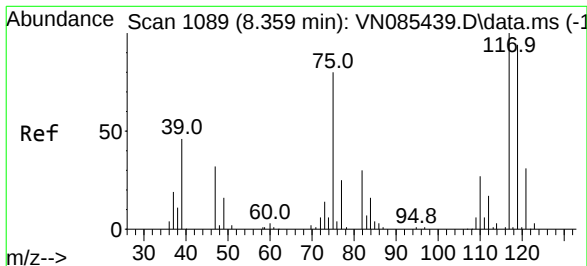
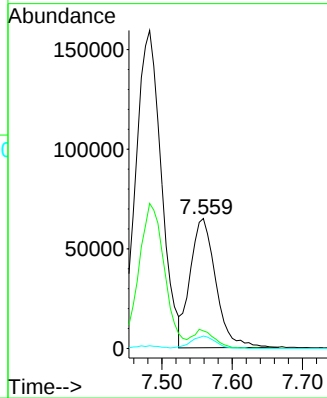
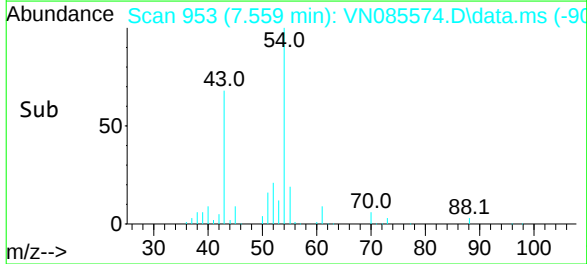
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 164074
Ion Ratio Lower Upper
43 100
61 12.5 10.9 16.3
70 9.3 7.5 11.3

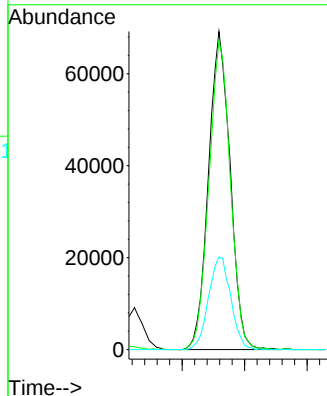
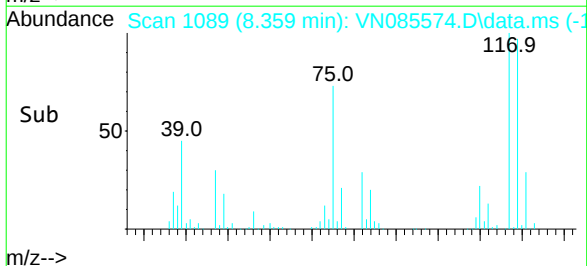
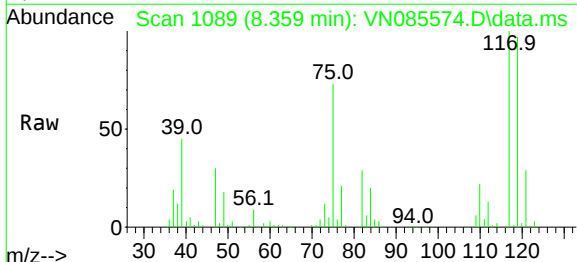
Manual Integrations
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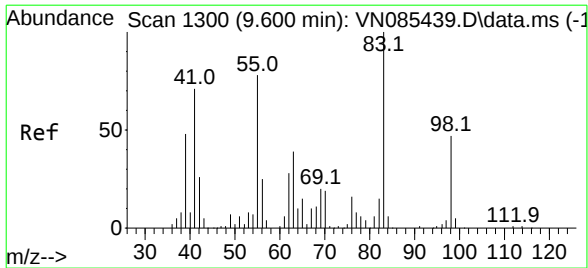
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#38
Carbon Tetrachloride
Concen: 48.908 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion:117 Resp: 166315
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.2
121 29.1 24.6 37.0





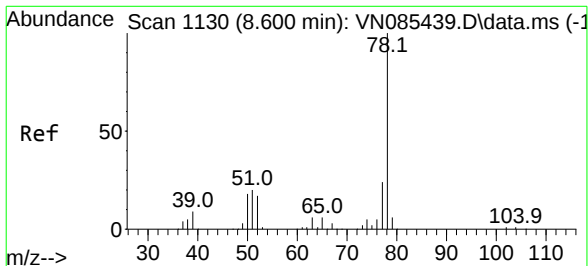
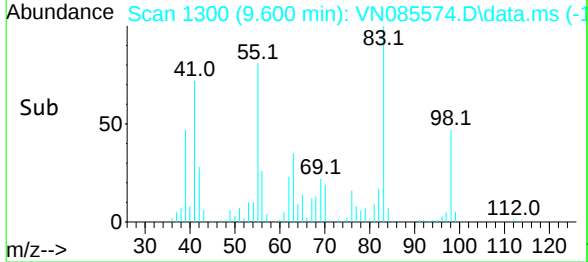
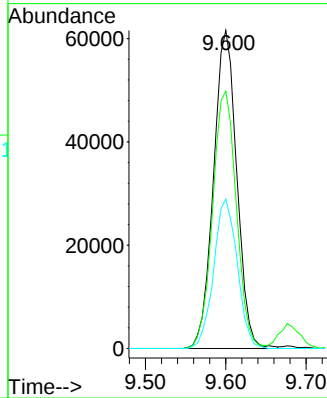
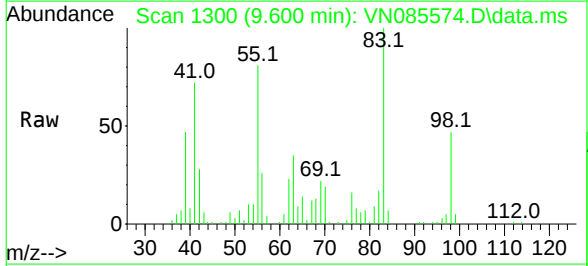
#39
Methylcyclohexane
Concen: 44.354 ug/l
RT: 9.600 min Scan# 131
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 123805
Ion Ratio Lower Upper
83 100
55 80.9 62.6 94.0
98 47.0 37.7 56.5

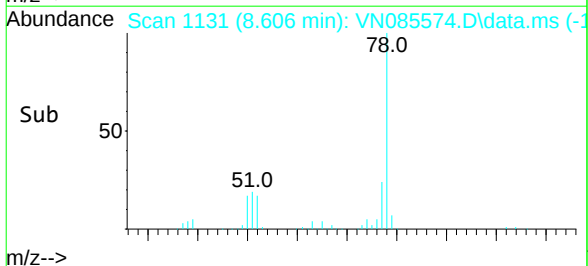
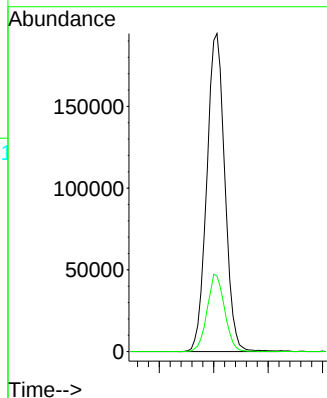
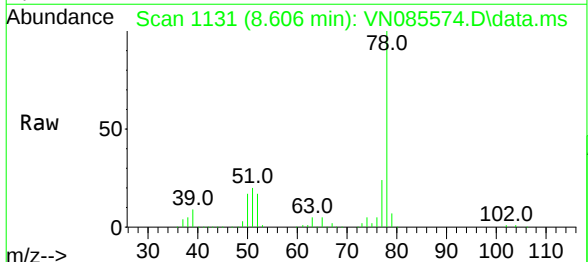
Manual Integrations
APPROVED

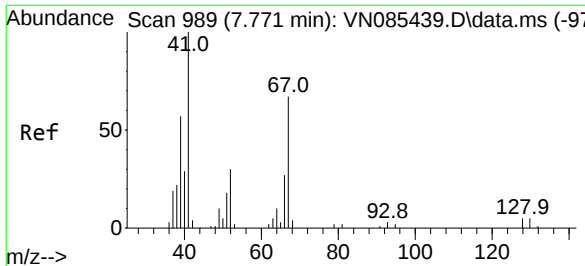
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#40
Benzene
Concen: 50.110 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 78 Resp: 447234
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





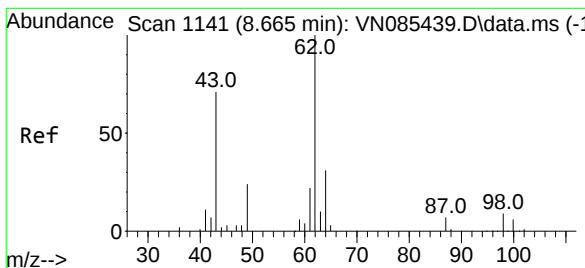
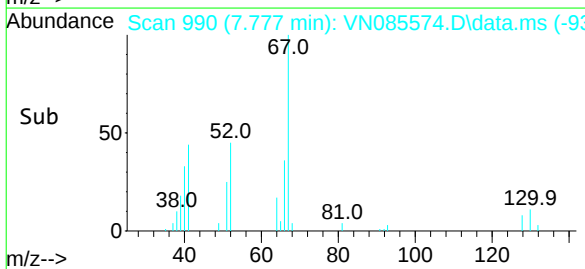
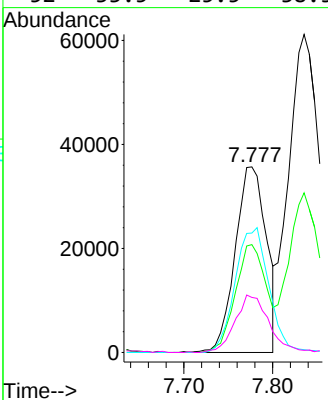
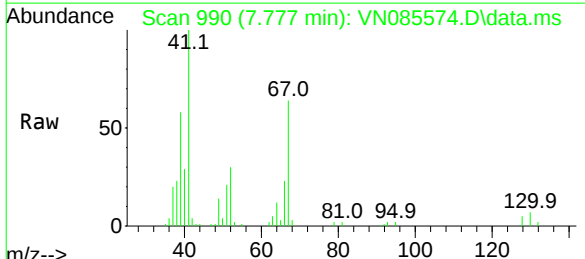
#41
Methacrylonitrile
Concen: 55.793 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	87028
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.0	69.0
67	72.7	57.4	86.2
52	33.5	25.5	38.3

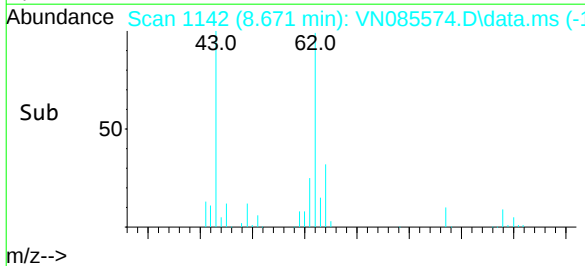
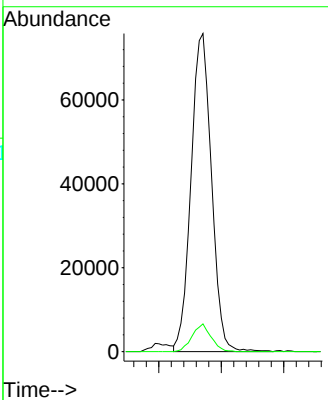
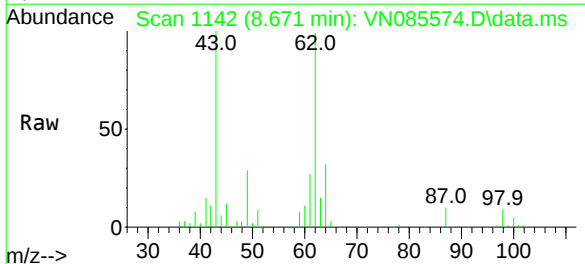
Manual Integrations
APPROVED

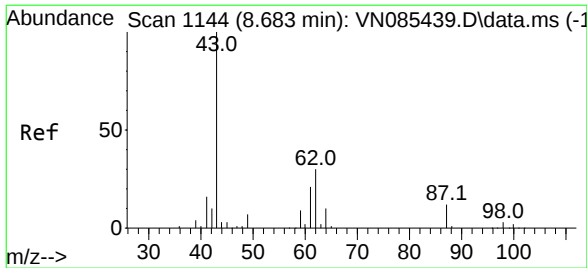
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#42
1,2-Dichloroethane
Concen: 51.311 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion:	62	Resp:	172479
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 66.485 ug/l m

RT: 8.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 319404

Ion Ratio Lower Upper

43 100

61 21.4 20.7 31.1

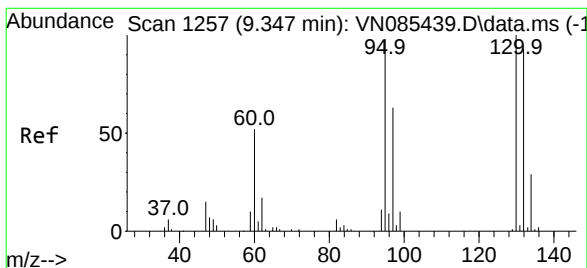
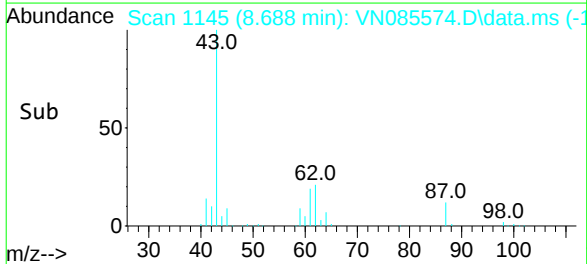
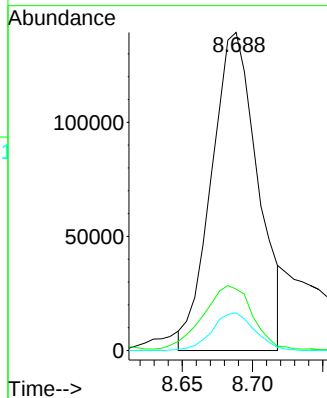
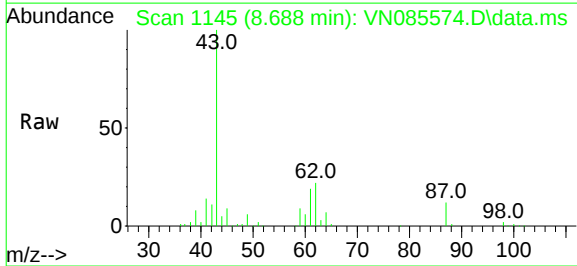
87 10.9 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#44

Trichloroethene

Concen: 46.970 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085574.D

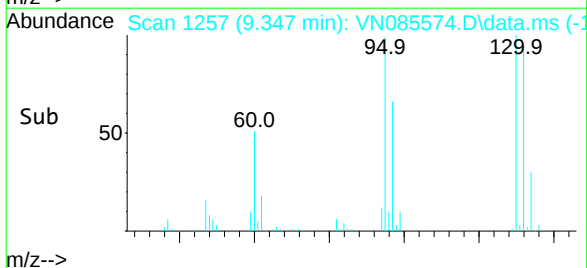
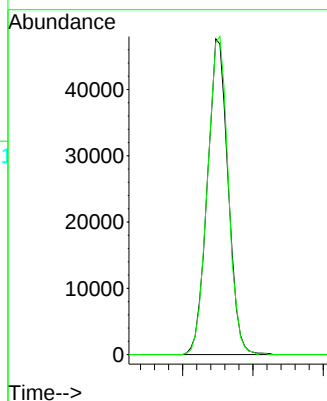
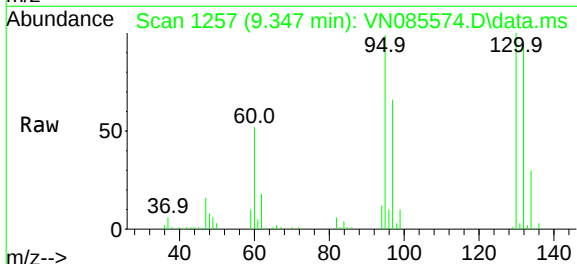
Acq: 29 Jan 2025 21:55

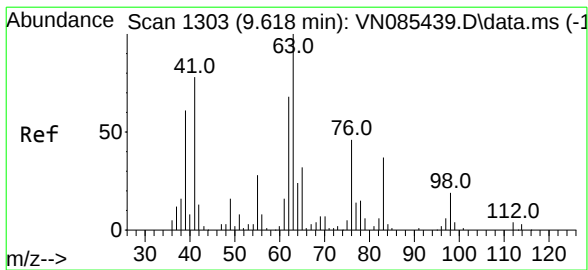
Tgt Ion:130 Resp: 97582

Ion Ratio Lower Upper

130 100

95 98.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 51.584 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 117596

Ion Ratio Lower Upper

63 100

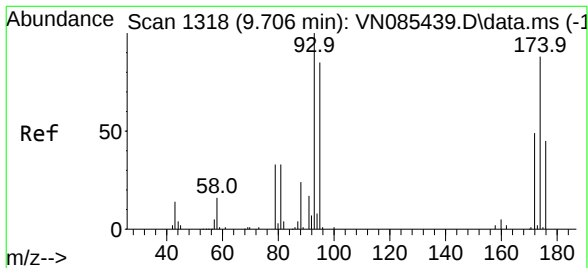
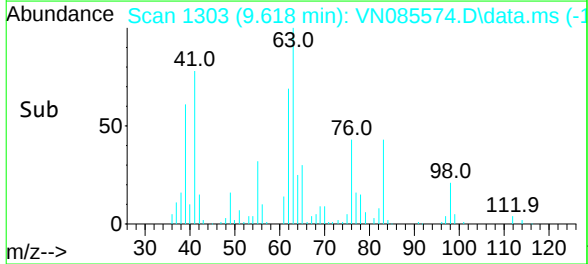
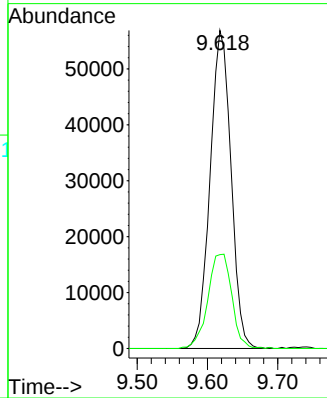
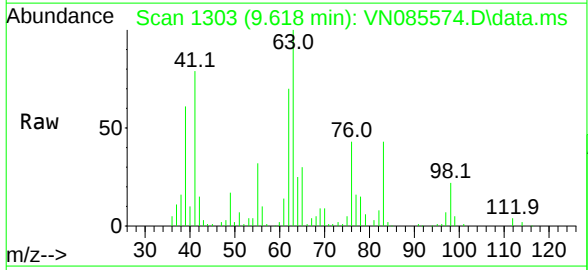
65 29.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#46

Dibromomethane

Concen: 51.103 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

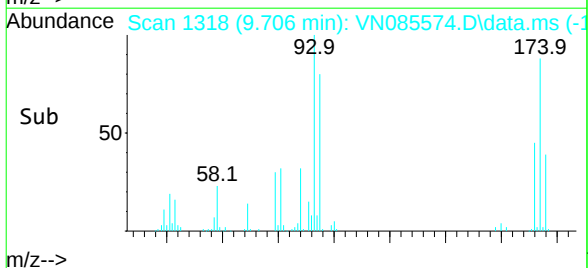
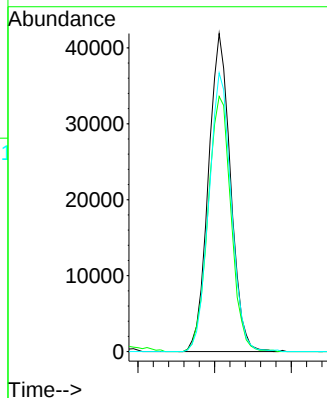
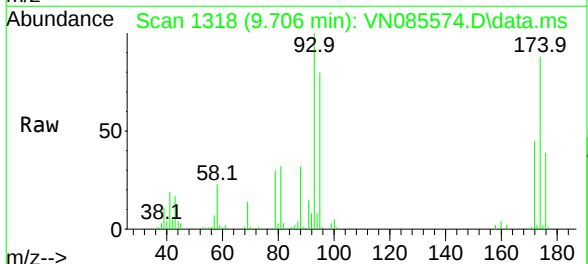
Tgt Ion: 93 Resp: 84062

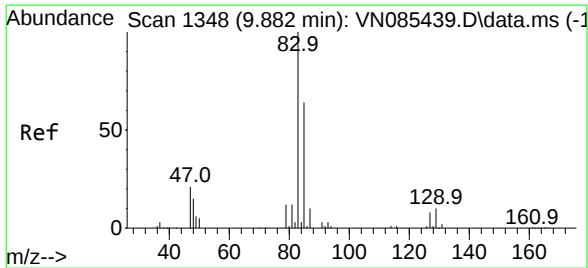
Ion Ratio Lower Upper

93 100

95 83.1 64.7 97.1

174 88.4 69.0 103.4





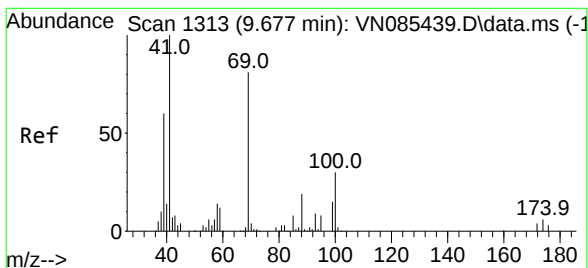
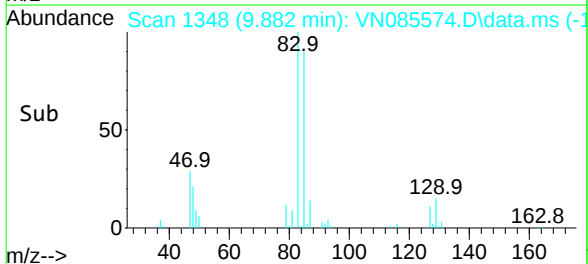
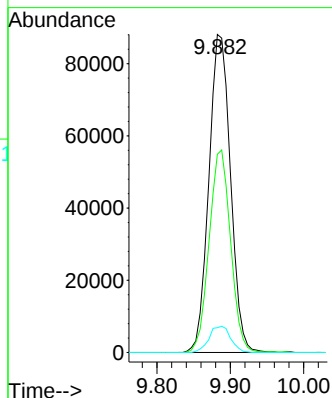
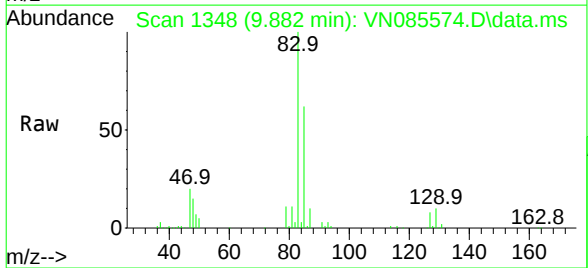
#47
Bromodichloromethane
Concen: 53.826 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	180385
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.2	76.8
127	7.8	6.5	9.7

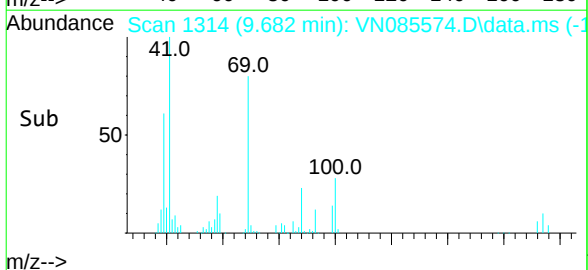
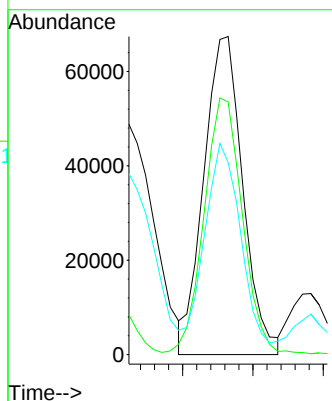
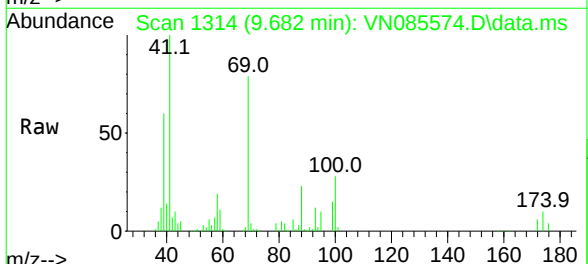
Manual Integrations
APPROVED

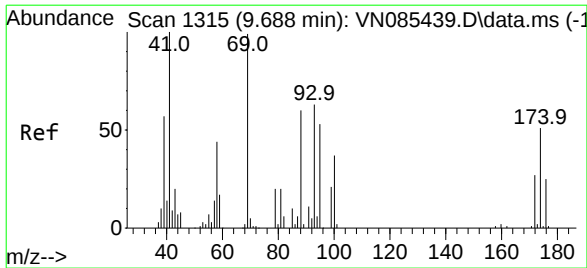
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#48
Methyl methacrylate
Concen: 60.029 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

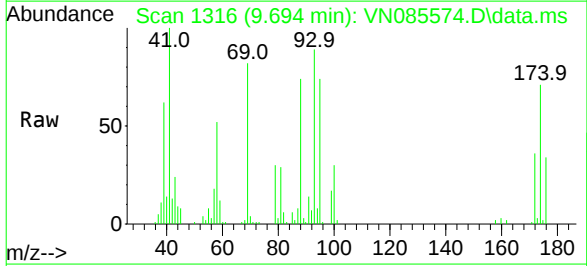
Tgt Ion:	41	Resp:	129780
Ion Ratio	Lower	Upper	
41	100		
69	79.8	64.7	97.1
39	62.6	49.0	73.6





#49
1,4-Dioxane
Concen: 1236.570 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

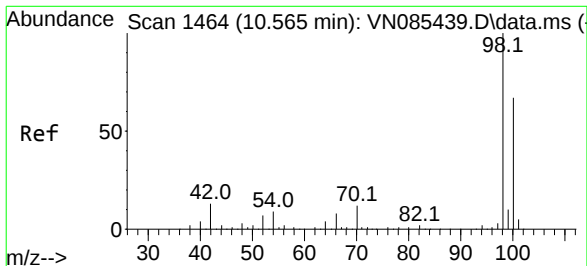
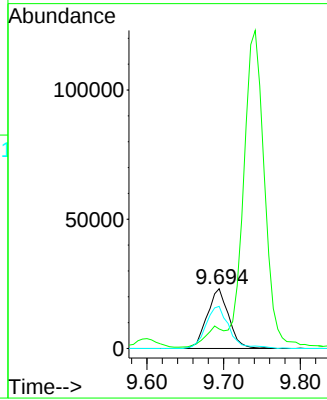
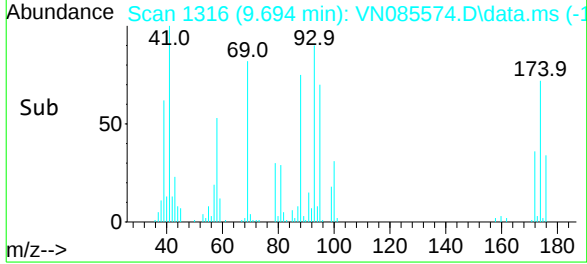
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 45020
Ion Ratio Lower Upper
88 100
43 29.4 26.6 39.8
58 76.5 59.5 89.3

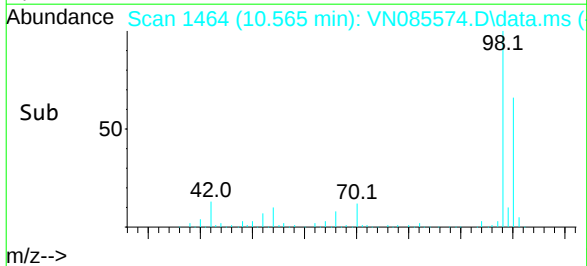
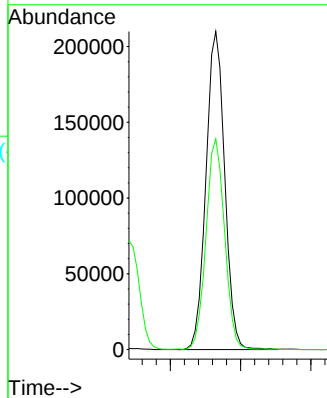
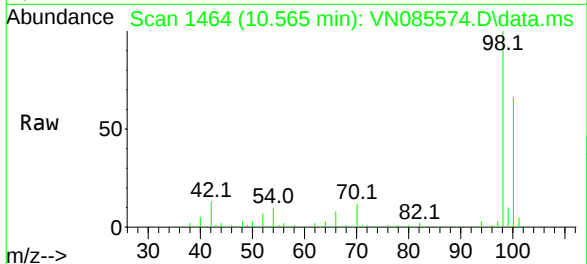
Manual Integrations
APPROVED

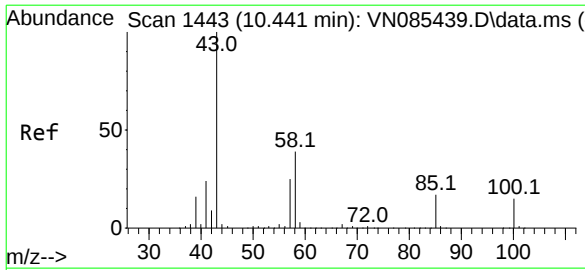
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#50
Toluene-d8
Concen: 51.636 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 98 Resp: 388284
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





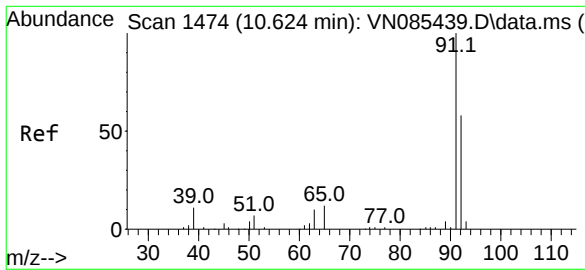
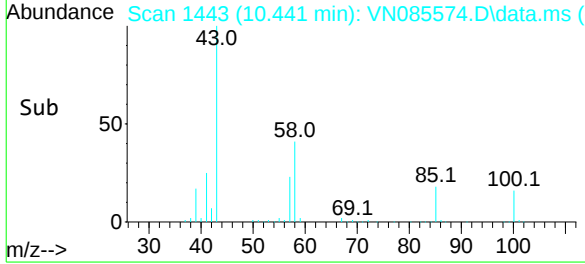
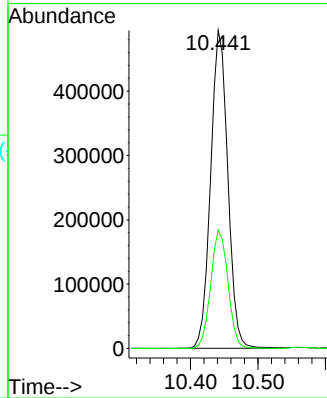
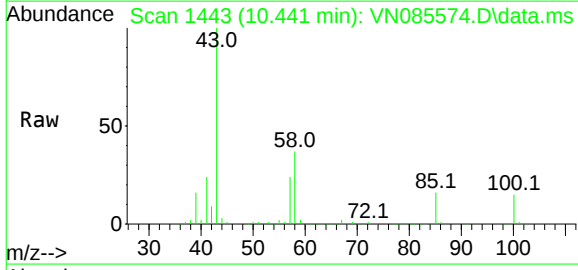
#51
4-Methyl-2-Pentanone
Concen: 313.096 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 872839
Ion Ratio Lower Upper
43 100
58 37.4 30.5 45.7

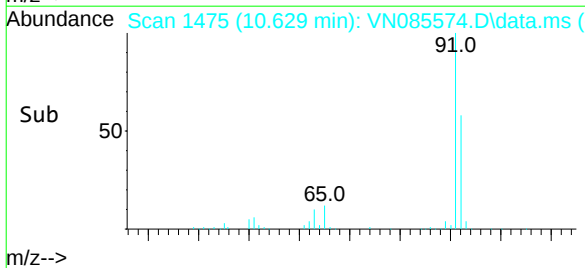
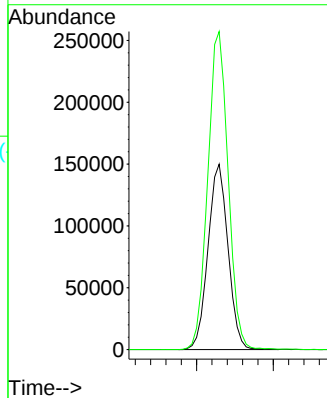
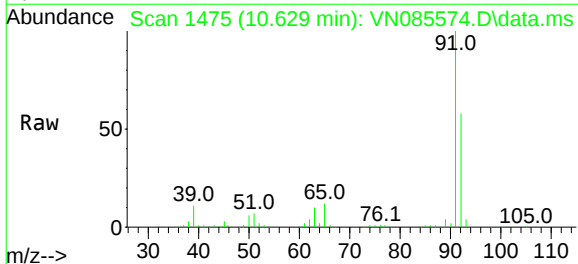
Manual Integrations
APPROVED

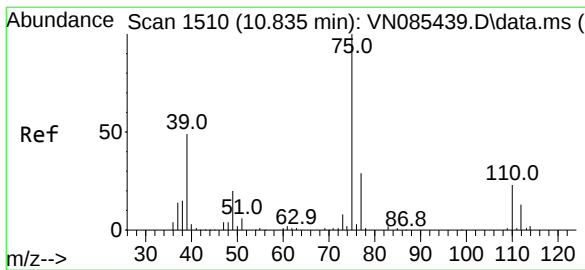
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#52
Toluene
Concen: 52.591 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

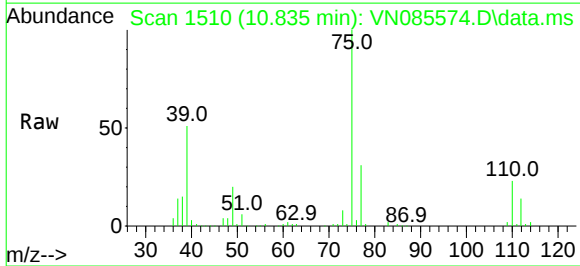
Tgt Ion: 92 Resp: 271965
Ion Ratio Lower Upper
92 100
91 174.5 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 53.111 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085574.D
 Acq: 29 Jan 2025 21:55

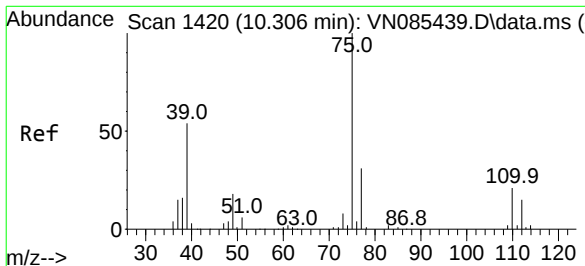
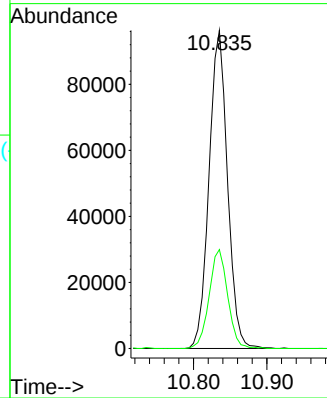
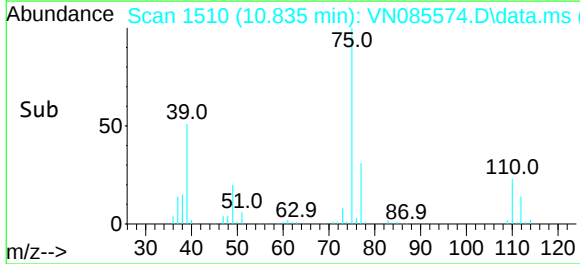
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



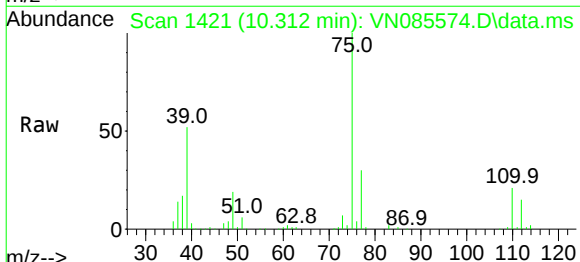
Tgt Ion: 75 Resp: 168202
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.5 35.3

Manual Integrations
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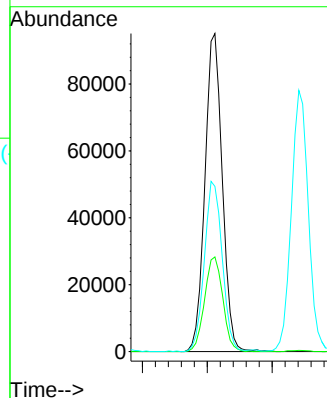
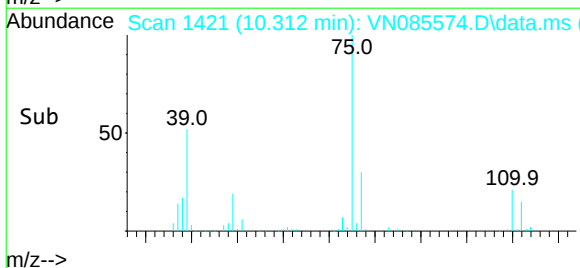
Reviewed By :John Carlone 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

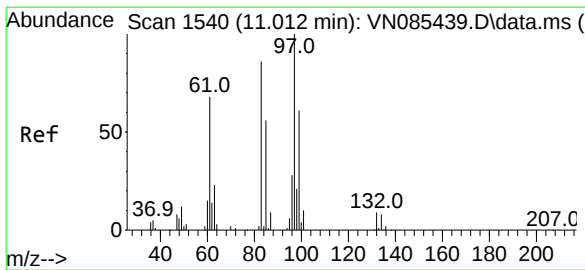


#54
 cis-1,3-Dichloropropene
 Concen: 52.203 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085574.D
 Acq: 29 Jan 2025 21:55



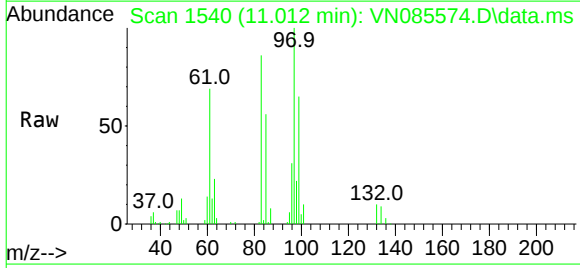
Tgt Ion: 75 Resp: 176598
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.0 37.4
 39 51.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 54.151 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

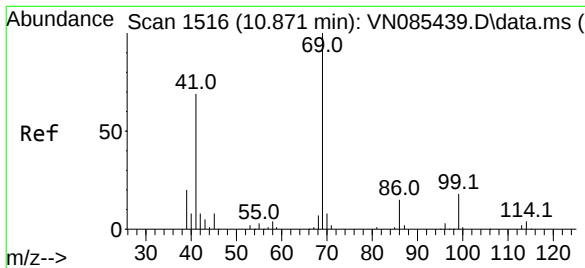
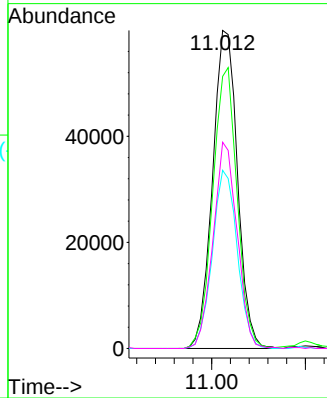
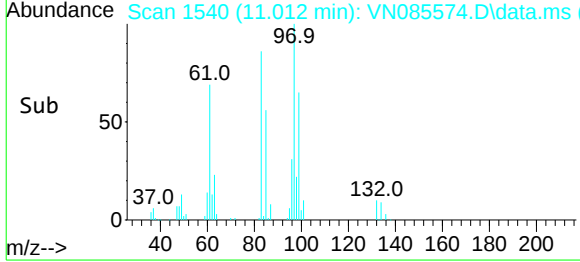
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



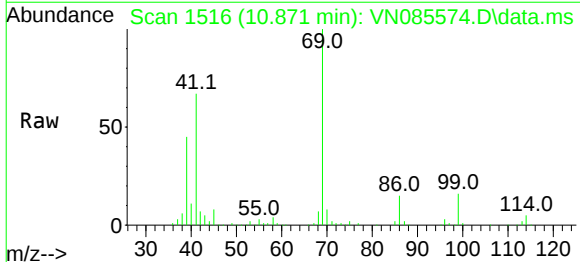
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.0	103.6
85	56.0	44.6	66.8
99	64.9	48.6	72.8

Manual Integrations
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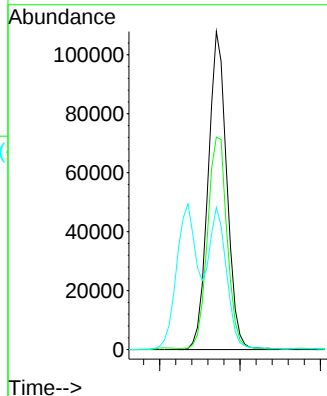
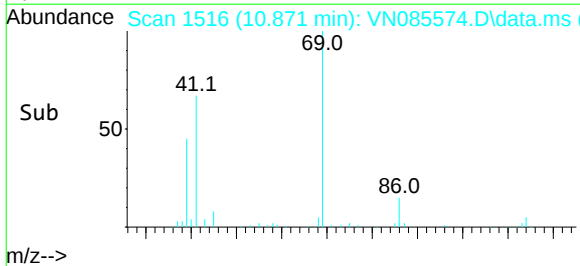
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

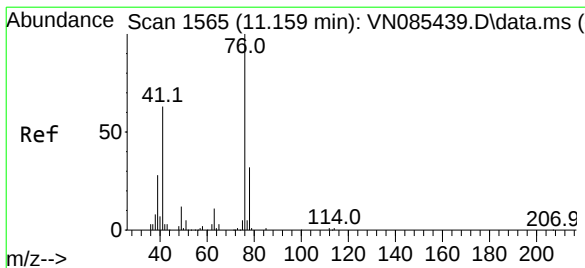


#56
Ethyl methacrylate
Concen: 50.595 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55



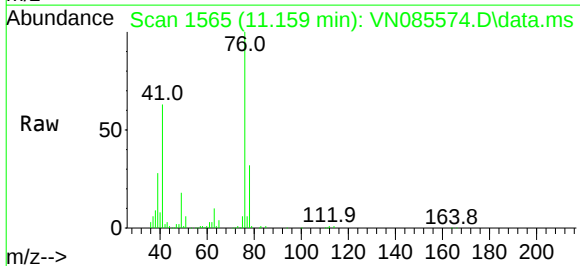
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.6	82.0
39	42.7	32.4	48.6





#57
1,3-Dichloropropane
Concen: 53.714 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

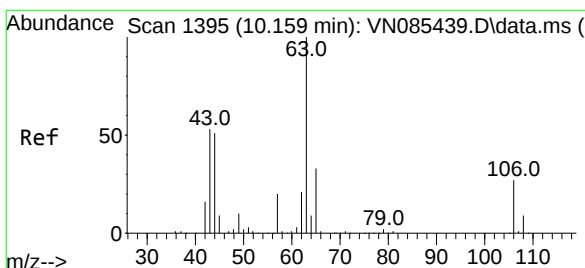
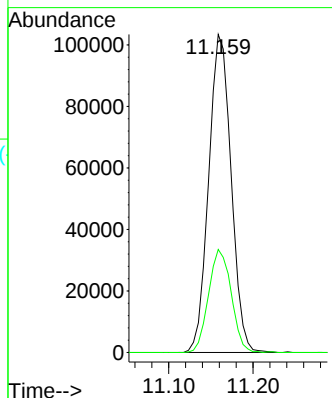
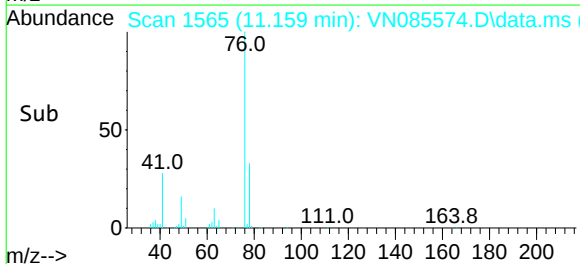
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 191144
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

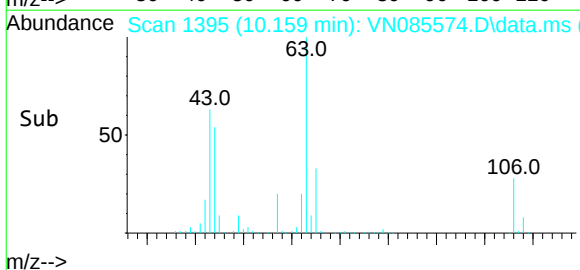
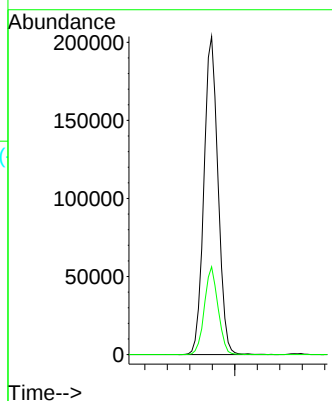
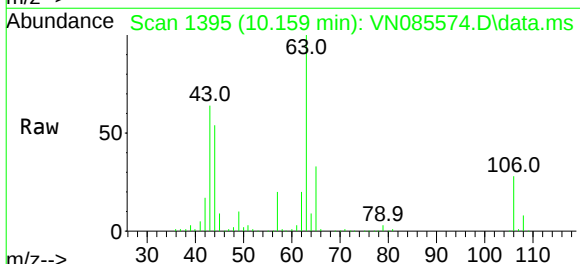
Manual Integrations
APPROVED

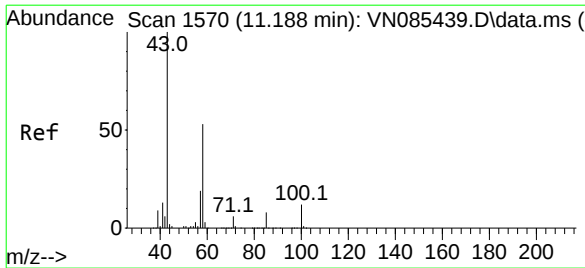
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#58
2-Chloroethyl Vinyl ether
Concen: 272.866 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 63 Resp: 354379
Ion Ratio Lower Upper
63 100
106 26.7 21.6 32.4





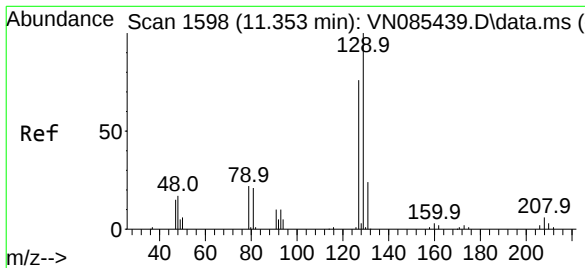
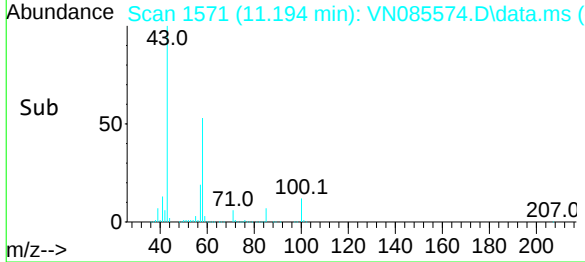
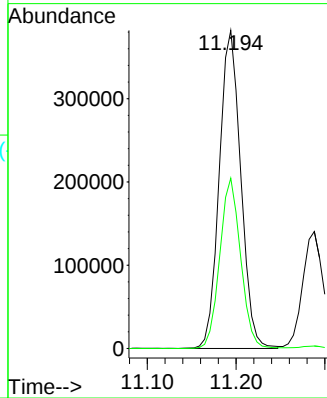
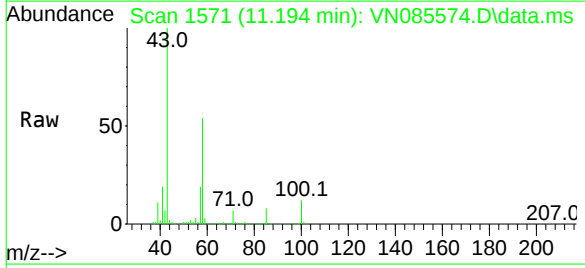
#59
2-Hexanone
Concen: 327.781 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 642961
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.6

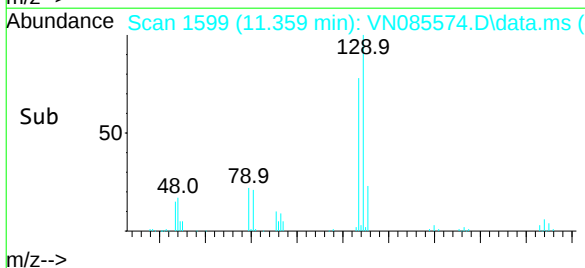
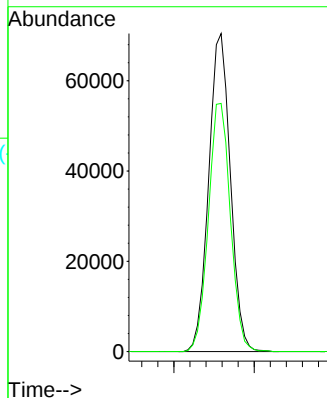
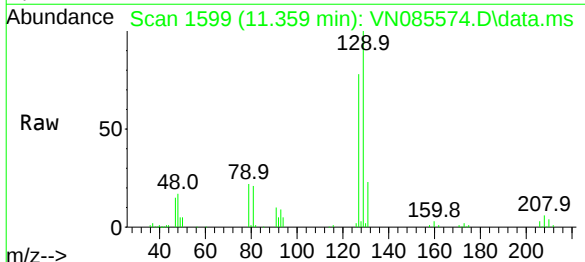
Manual Integrations
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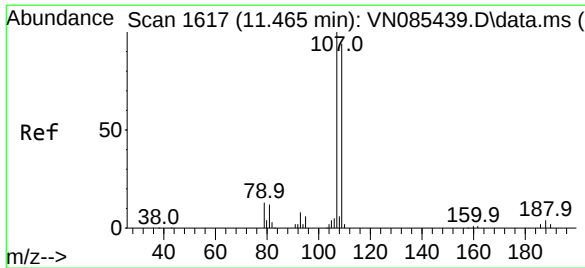
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#60
Dibromochloromethane
Concen: 53.537 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion:129 Resp: 132278
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.8





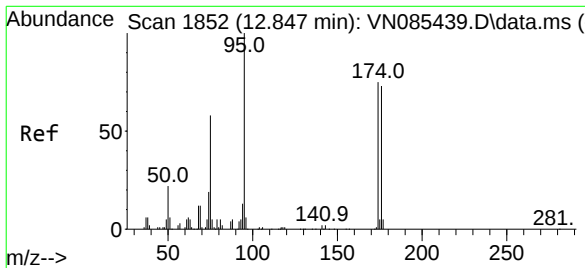
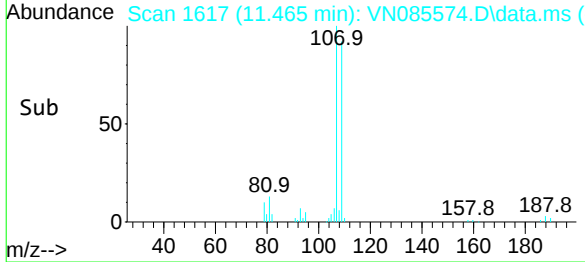
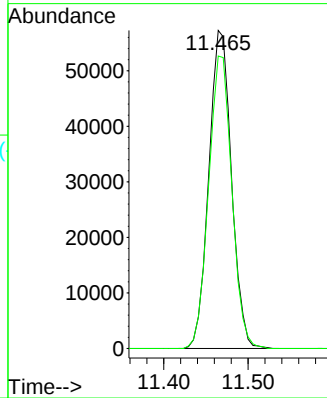
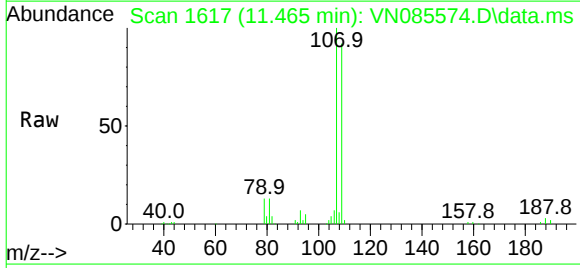
#61
1,2-Dibromoethane
Concen: 52.412 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 106771
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9

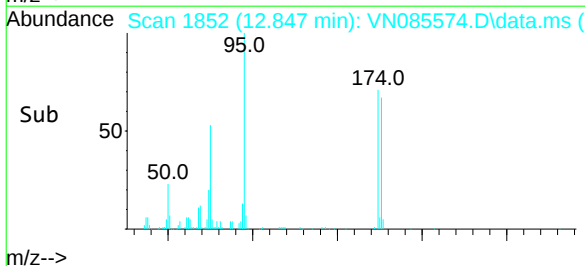
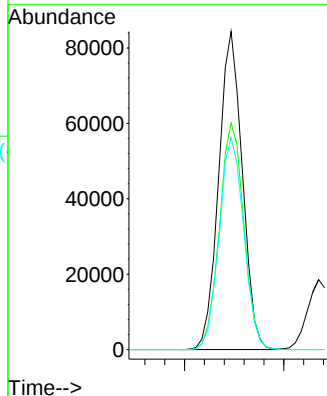
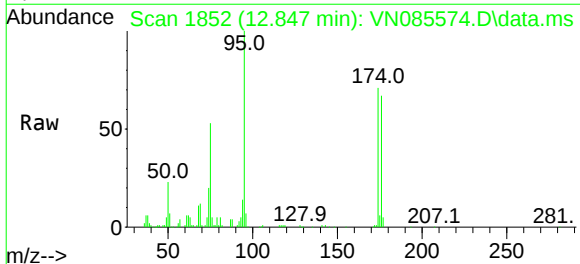
Manual Integrations
APPROVED

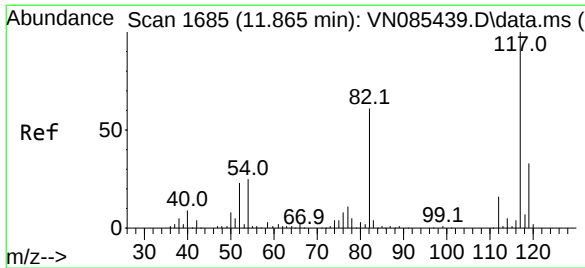
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#62
4-Bromofluorobenzene
Concen: 54.232 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

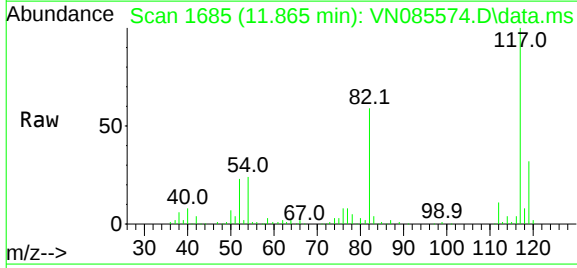
Tgt Ion: 95 Resp: 139501
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.0
176 69.3 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

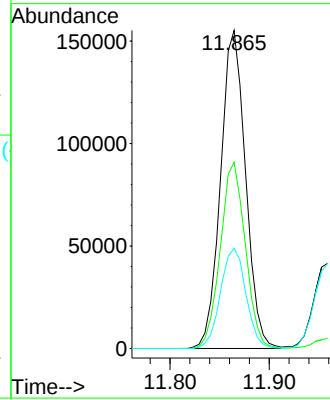
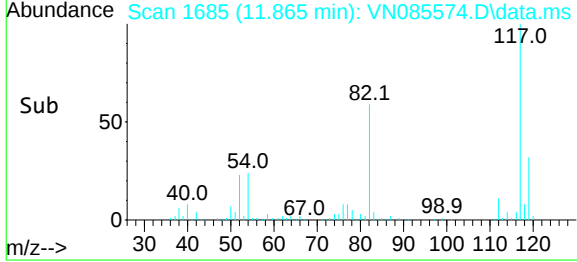
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



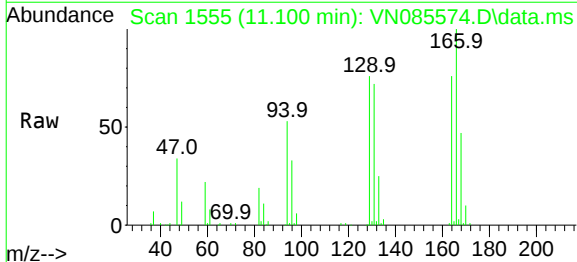
Tgt Ion:117 Resp: 271339
Ion Ratio Lower Upper
117 100
82 58.5 48.6 72.8
119 31.5 26.6 39.8

Manual Integrations
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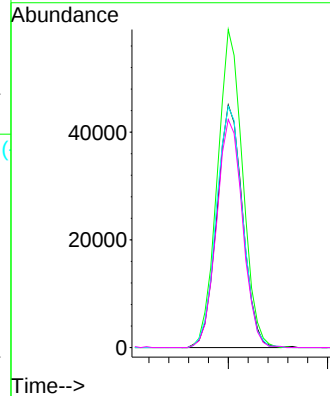
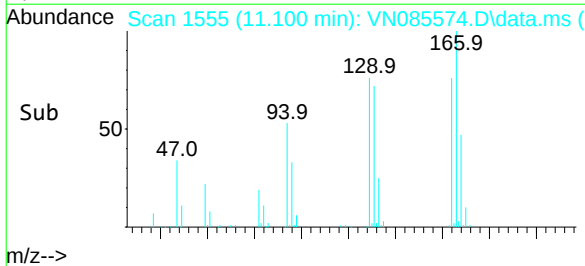
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

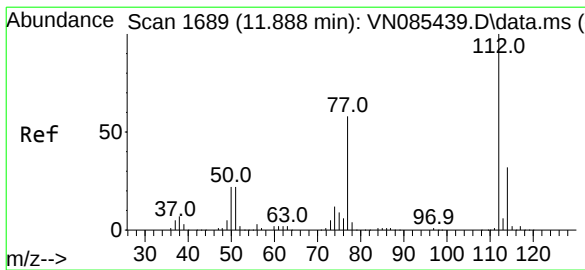


#64
Tetrachloroethene
Concen: 43.891 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55



Tgt Ion:164 Resp: 81190
Ion Ratio Lower Upper
164 100
166 131.0 103.4 155.2
129 99.4 79.2 118.8
131 94.0 77.1 115.7





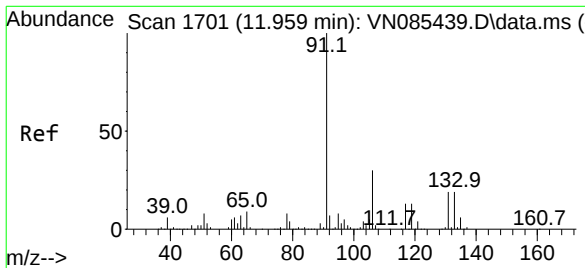
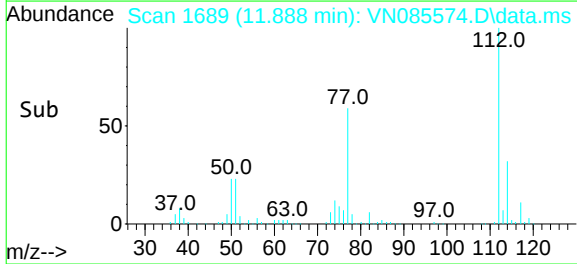
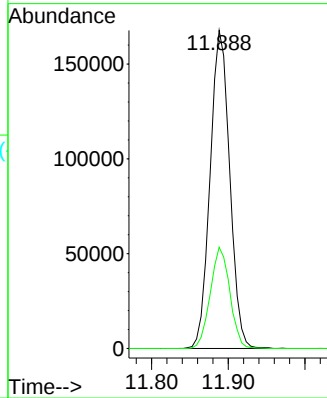
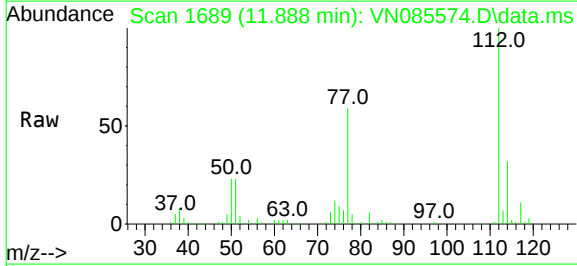
#65
Chlorobenzene
Concen: 50.084 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 297704
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

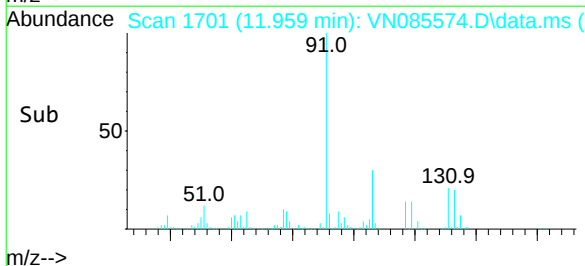
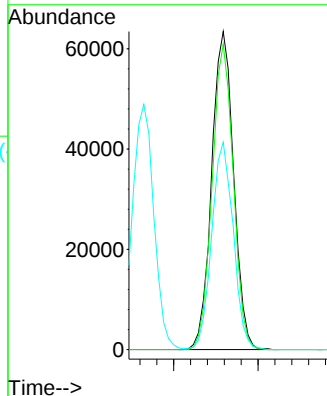
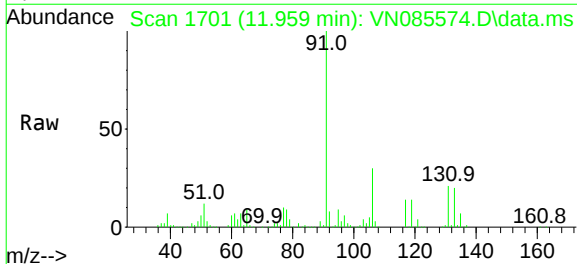
Manual Integrations
APPROVED

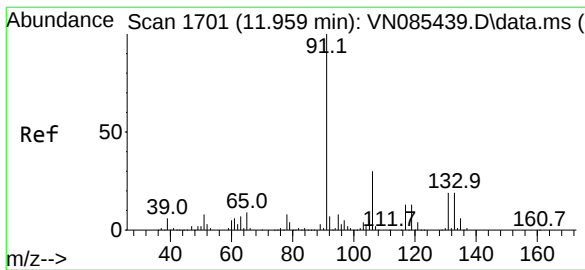
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.491 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion:131 Resp: 114516
Ion Ratio Lower Upper
131 100
133 92.5 47.4 142.3
119 64.1 33.1 99.5





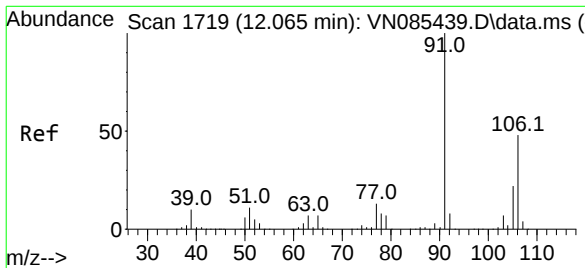
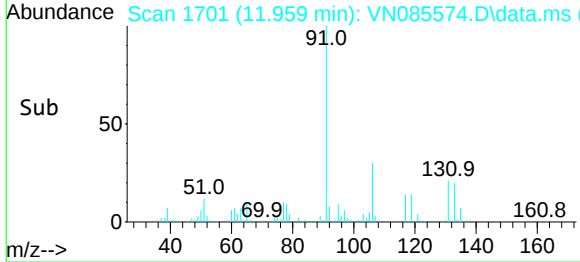
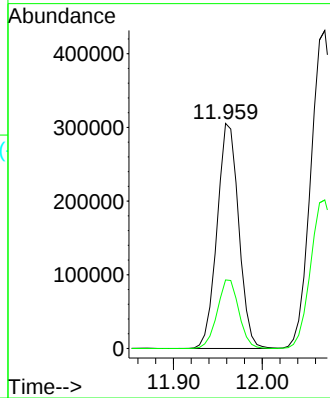
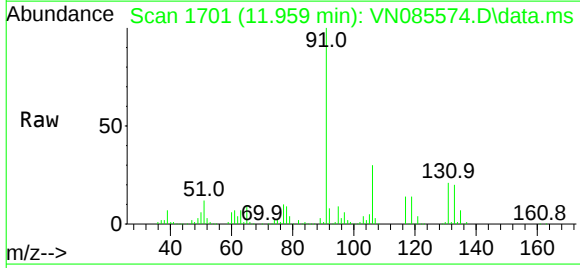
#67
Ethyl Benzene
Concen: 53.444 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 517417
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8

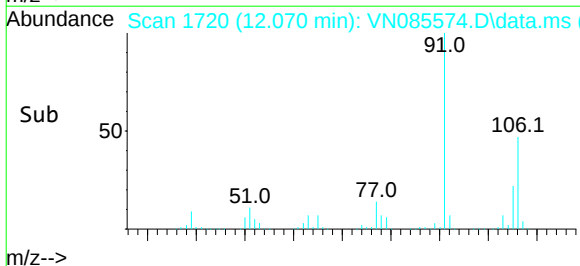
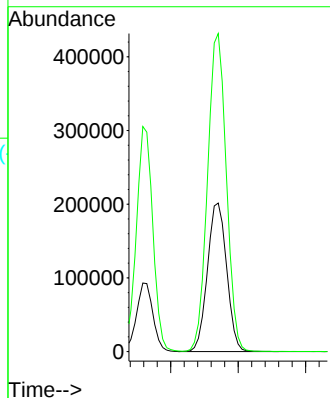
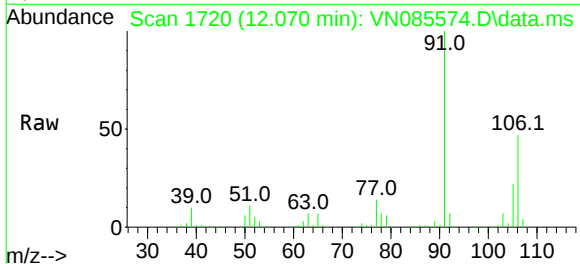
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#68
m/p-Xylenes
Concen: 111.347 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion:106 Resp: 398409
Ion Ratio Lower Upper
106 100
91 208.9 167.7 251.5





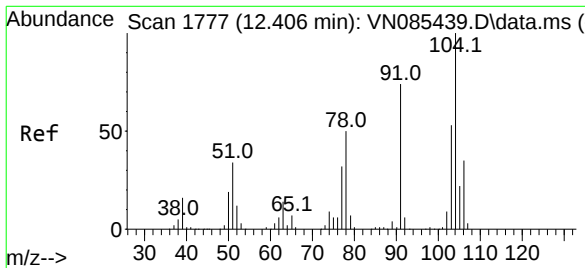
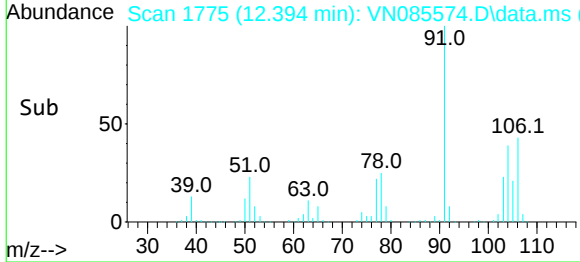
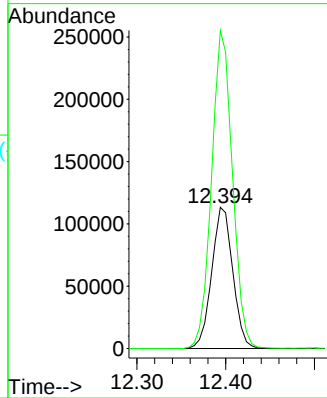
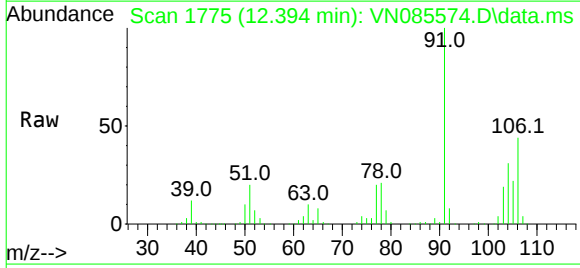
#69
o-Xylene
Concen: 54.670 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 186944
Ion Ratio Lower Upper
106 100
91 223.6 110.4 331.2

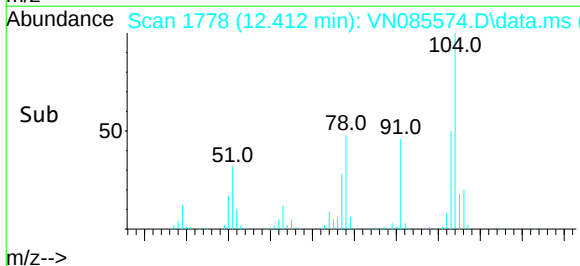
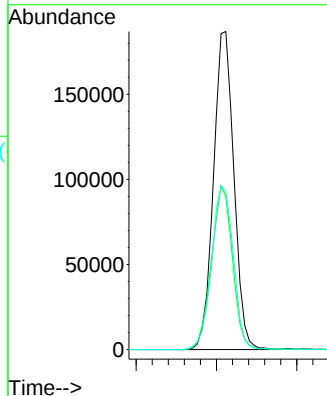
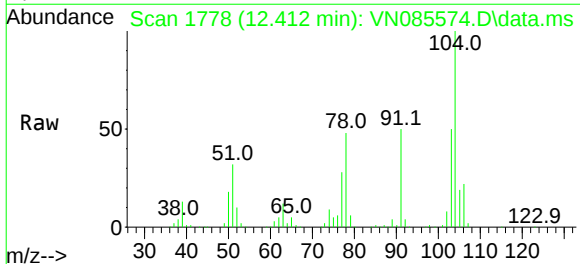
Manual Integrations
APPROVED

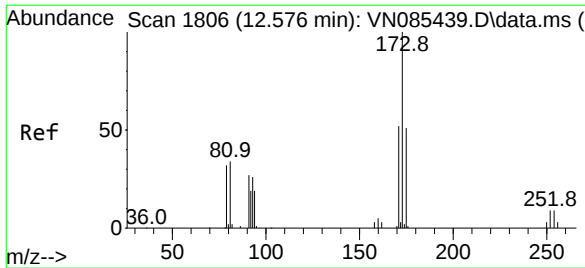
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#70
Styrene
Concen: 58.313 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion:104 Resp: 330000
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 54.7 43.8 65.8





#71

Bromoform

Concen: 57.468 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

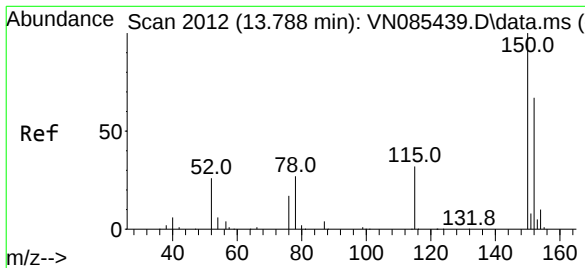
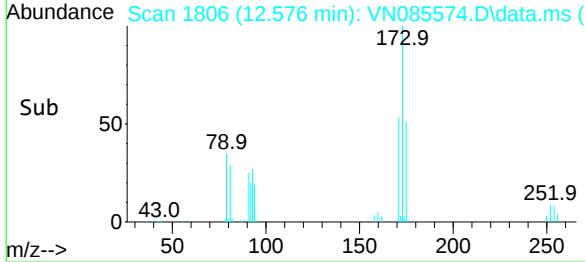
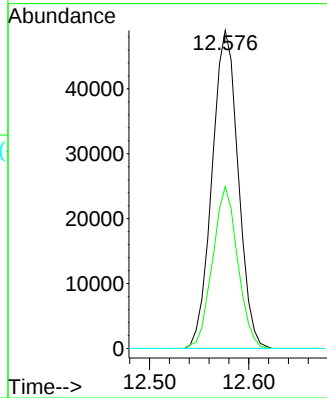
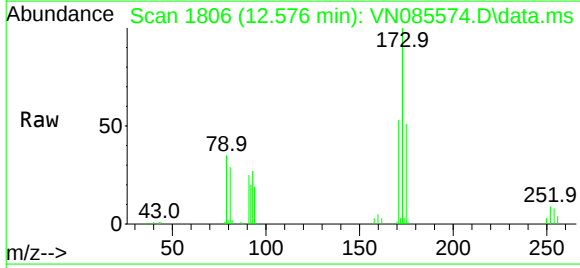
Tgt Ion:	173	Resp:	89706
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

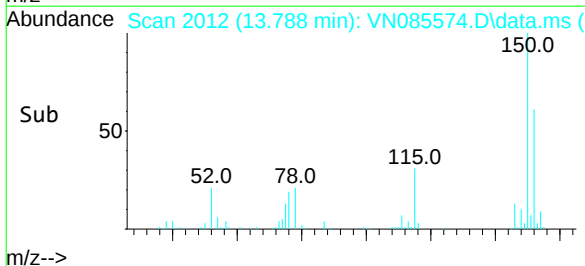
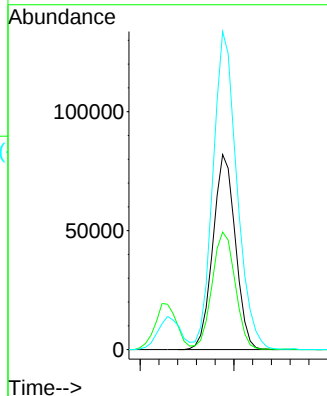
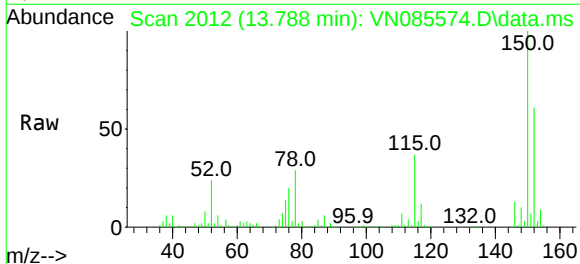
RT: 13.788 min Scan# 2012

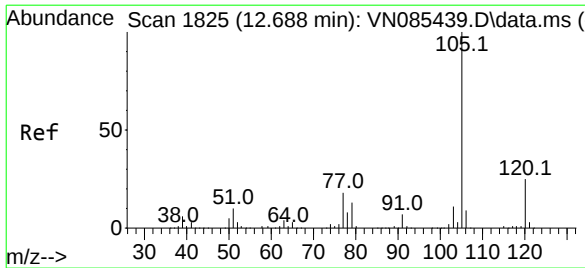
Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Tgt Ion:	152	Resp:	136582
Ion Ratio	Lower	Upper	
152	100		
115	62.1	31.1	93.3
150	174.5	0.0	343.6





#73

Isopropylbenzene

Concen: 51.652 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 476133

Ion Ratio Lower Upper

105 100

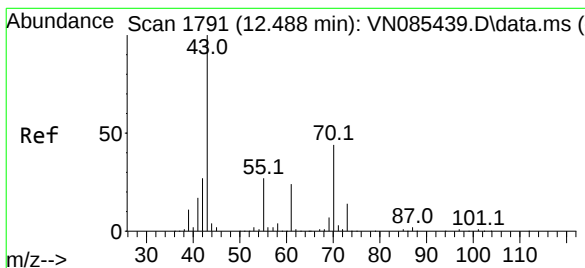
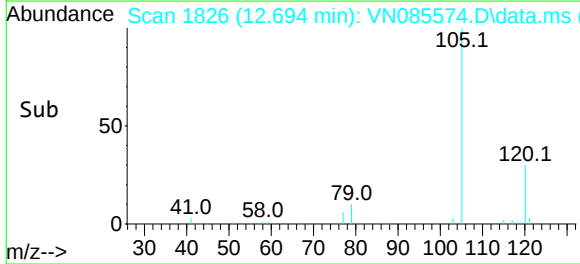
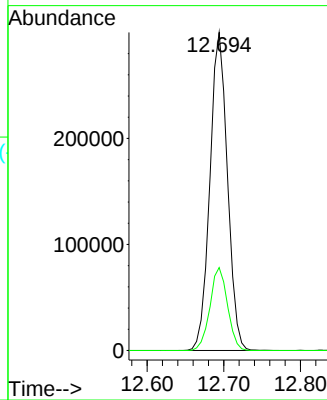
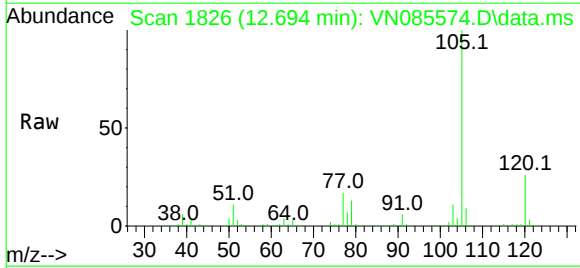
120 26.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#74

N-ethyl acetate

Concen: 57.379 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Tgt Ion: 43 Resp: 237742

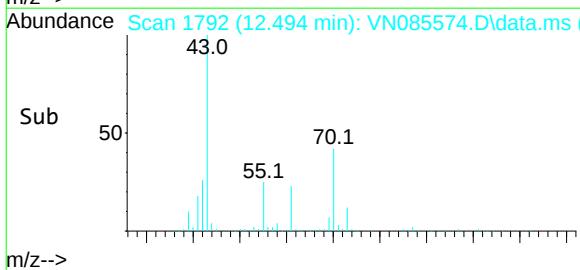
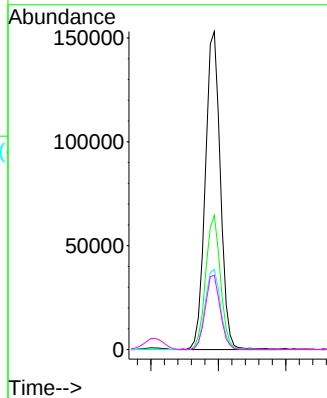
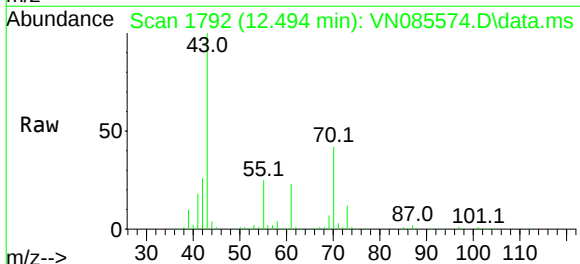
Ion Ratio Lower Upper

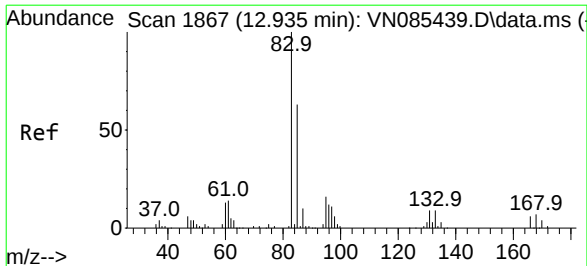
43 100

70 41.3 34.0 51.0

55 26.0 21.4 32.2

61 23.2 19.0 28.4





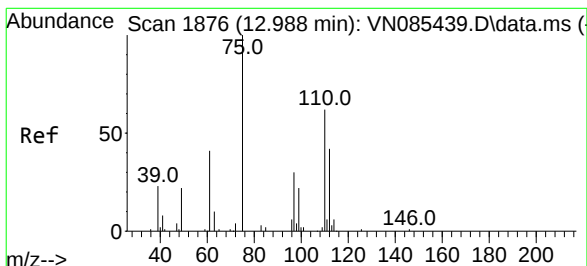
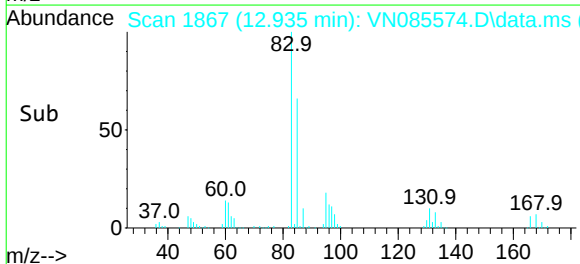
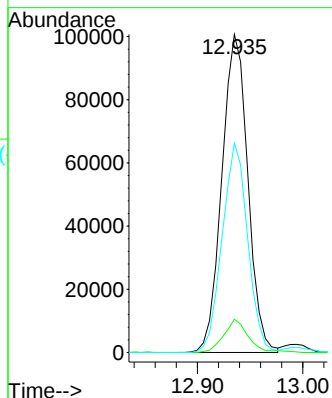
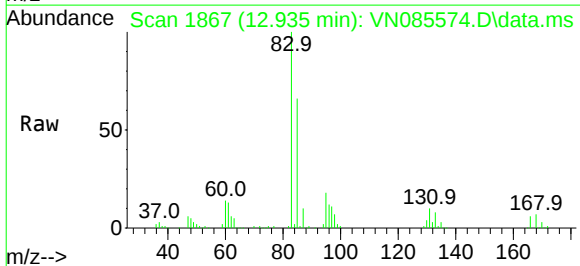
#75
1,1,2,2-Tetrachloroethane
Concen: 52.838 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 172051
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.6 32.2 96.6

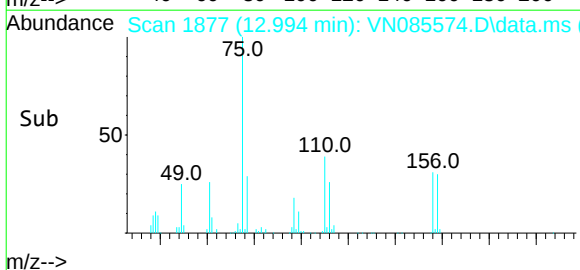
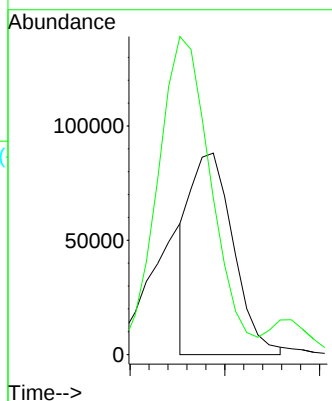
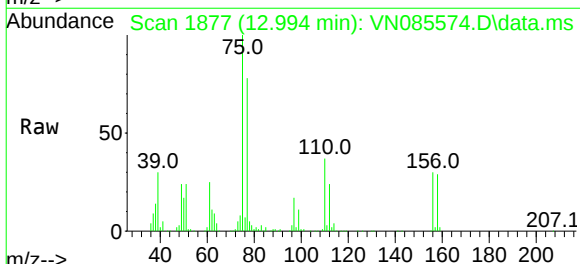
Manual Integrations
APPROVED

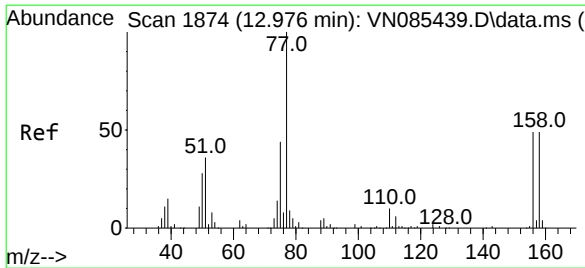
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#76
1,2,3-Trichloropropane
Concen: 50.343 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

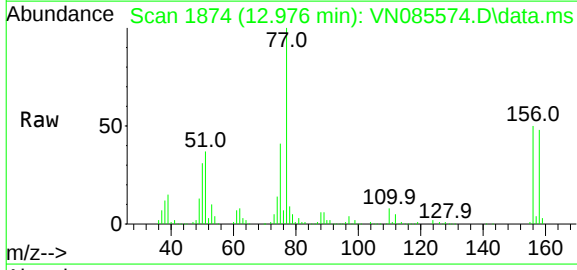
Tgt Ion: 75 Resp: 139755
Ion Ratio Lower Upper
75 100
77 196.9 109.7 329.2





#77
Bromobenzene
Concen: 49.821 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

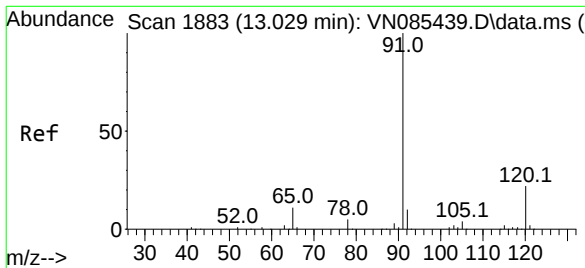
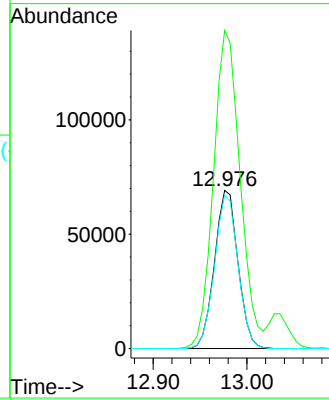
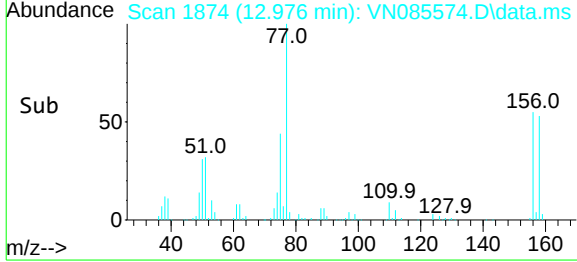
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 119987
Ion Ratio Lower Upper
156 100
77 229.3 114.1 342.4
158 97.2 48.9 146.8

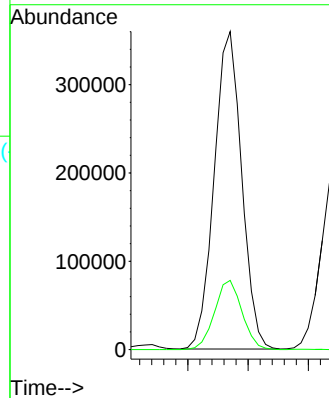
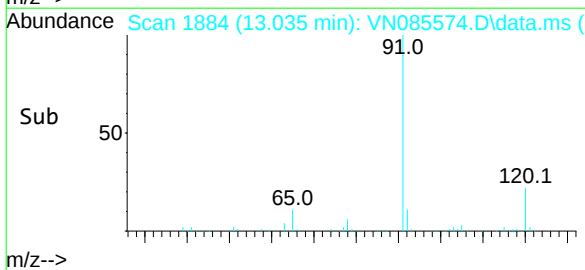
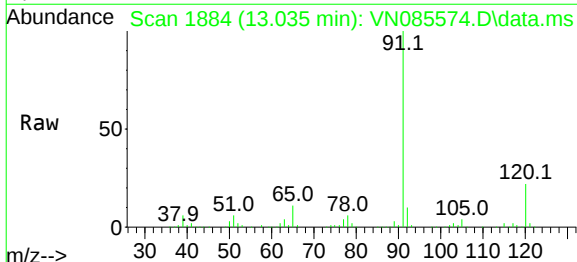
Manual Integrations
APPROVED

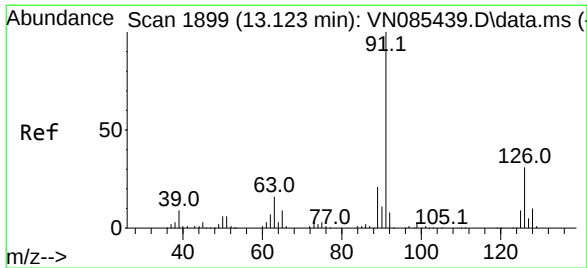
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#78
n-propylbenzene
Concen: 52.197 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 91 Resp: 569615
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.6





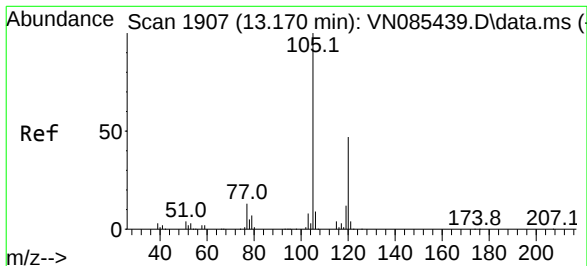
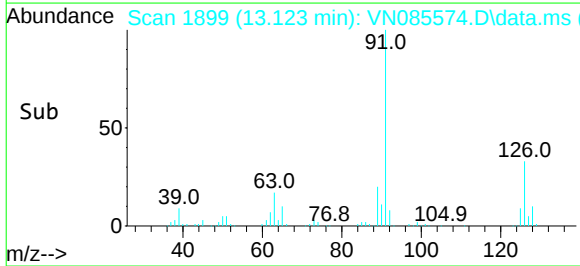
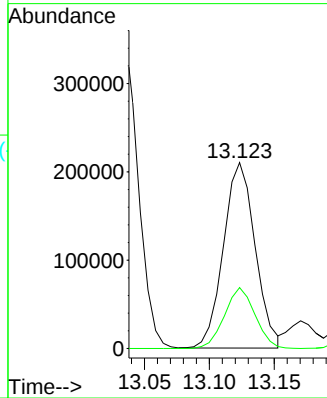
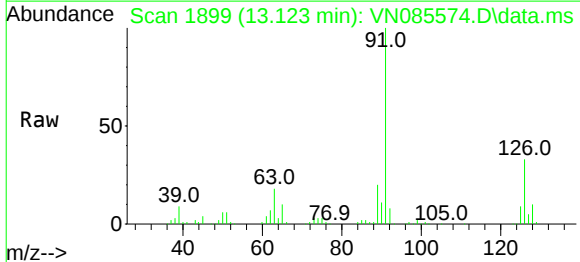
#79
2-Chlorotoluene
Concen: 50.597 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 357347
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1

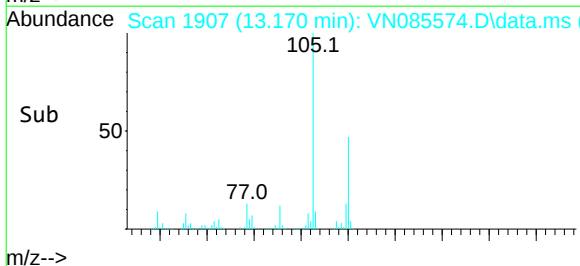
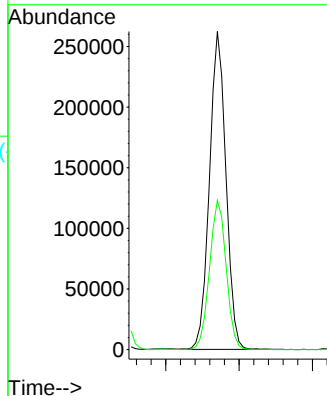
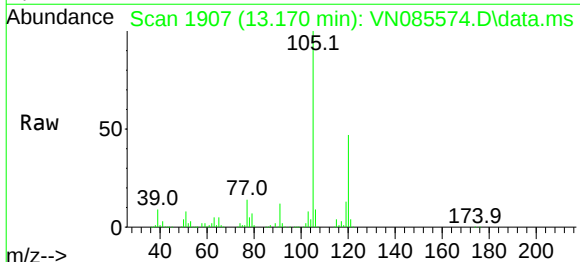
Manual Integrations
APPROVED

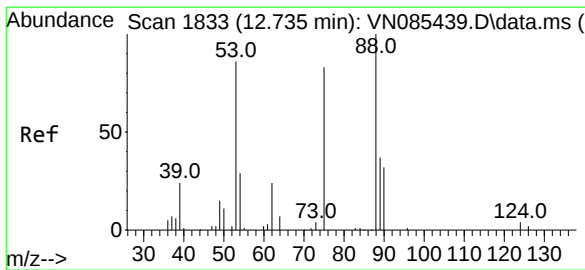
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.712 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

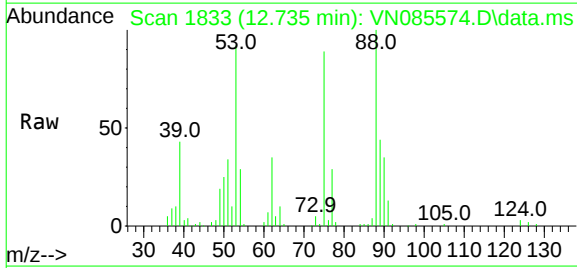
Tgt Ion:105 Resp: 408977
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 53.312 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

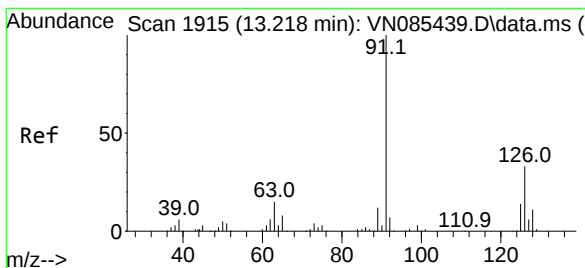
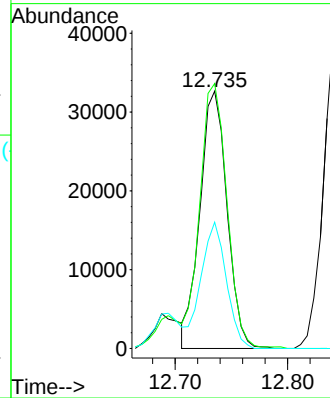
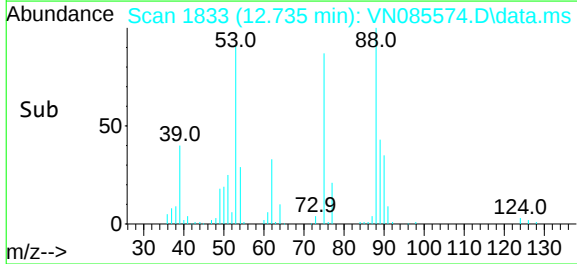
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 54701
Ion Ratio Lower Upper
75 100
53 103.8 95.6 143.4
89 46.7 37.0 55.6

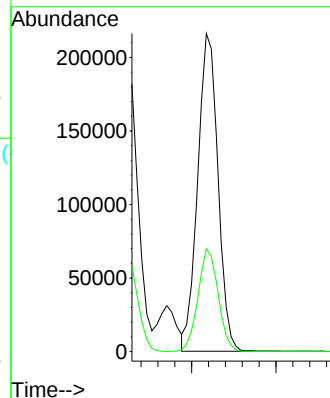
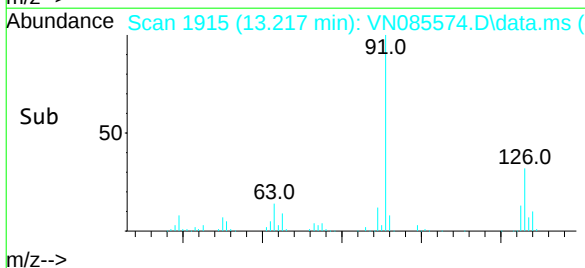
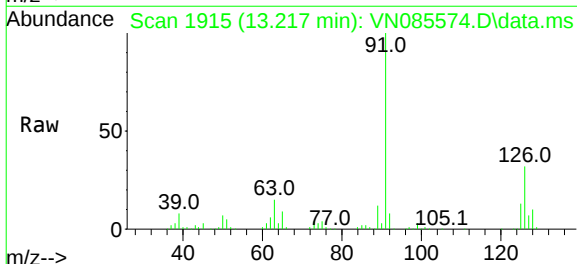
Manual Integrations
APPROVED

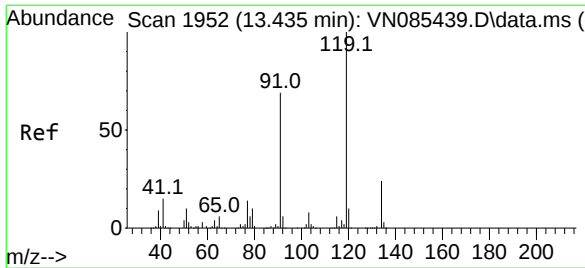
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#82
4-Chlorotoluene
Concen: 51.120 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 91 Resp: 359485
Ion Ratio Lower Upper
91 100
126 32.3 15.9 47.7





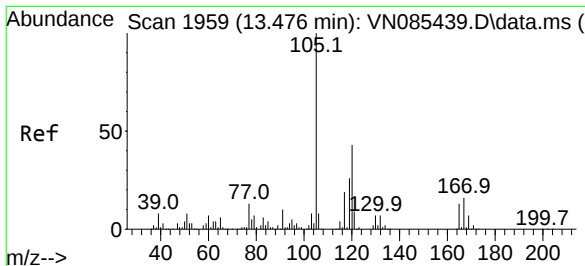
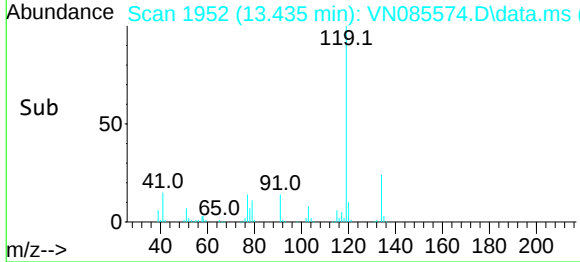
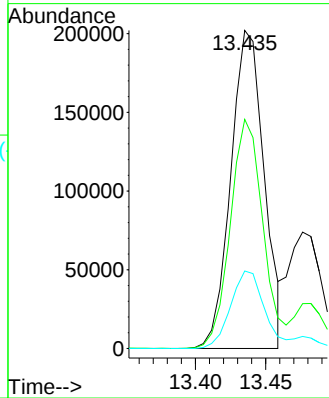
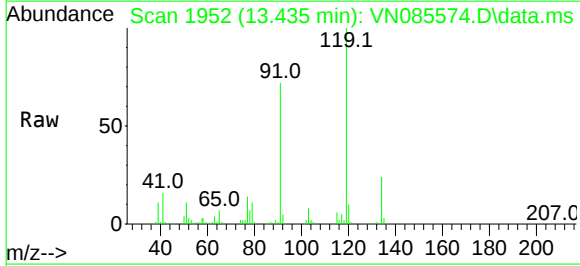
#83
tert-Butylbenzene
Concen: 52.138 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 333380
Ion Ratio Lower Upper
119 100
91 70.9 35.1 105.3
134 24.5 12.0 36.1

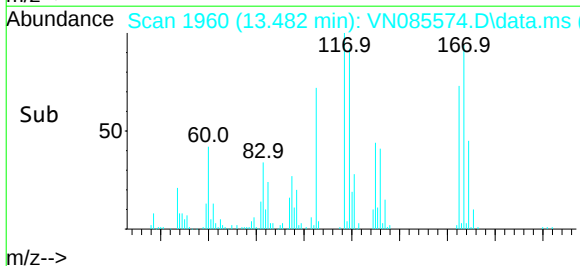
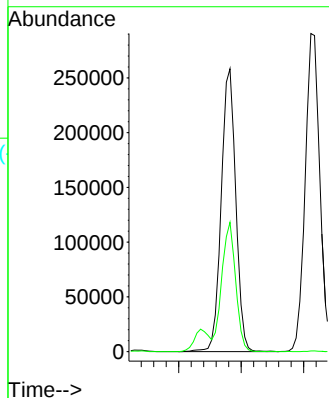
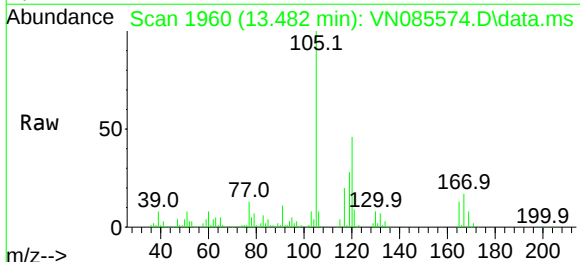
Manual Integrations
APPROVED

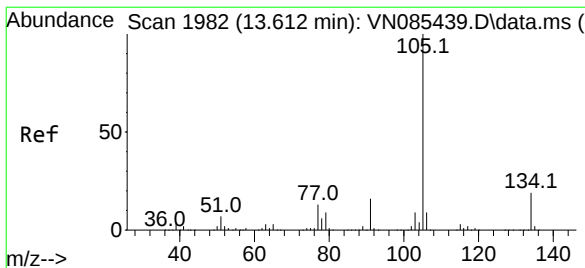
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#84
1,2,4-Trimethylbenzene
Concen: 55.088 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

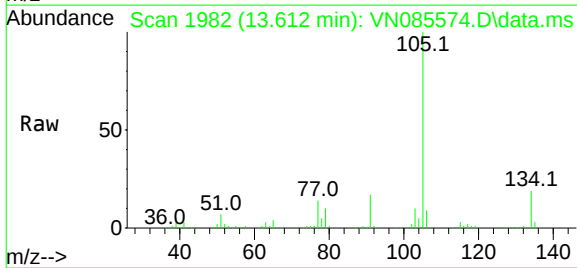
Tgt Ion:105 Resp: 418062
Ion Ratio Lower Upper
105 100
120 43.7 21.6 65.0





#85
sec-Butylbenzene
Concen: 53.177 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

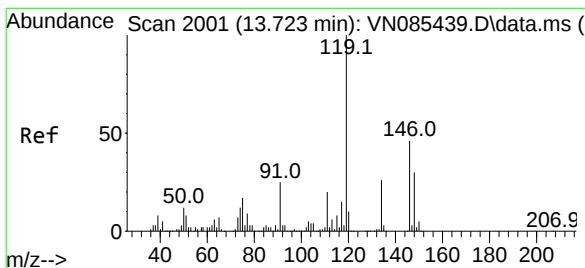
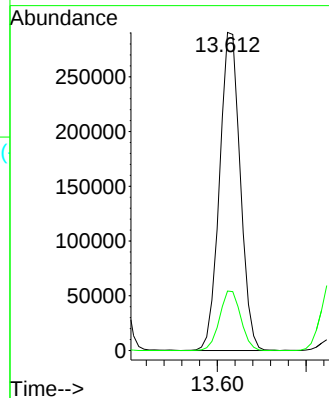
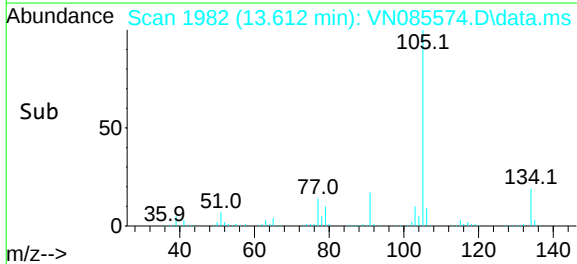
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



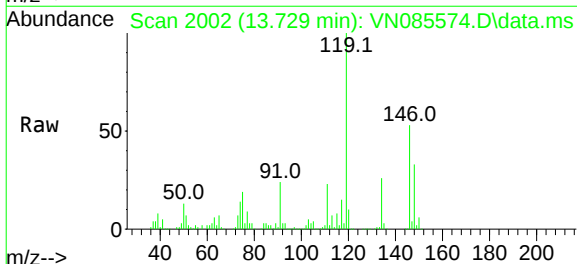
Tgt Ion:105 Resp: 471264
Ion Ratio Lower Upper
105 100
134 19.1 9.7 28.9

Manual Integrations
APPROVED

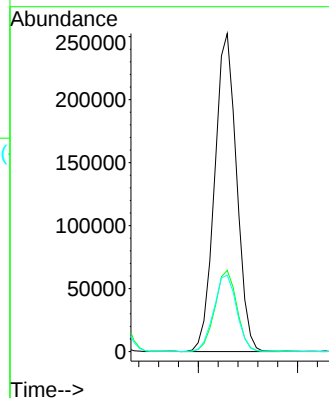
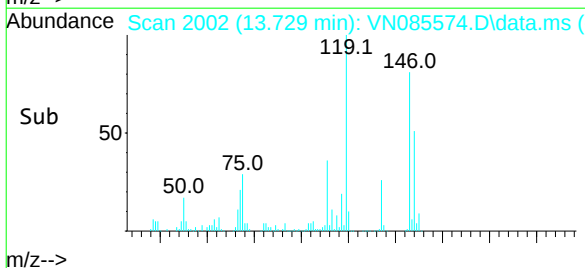
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

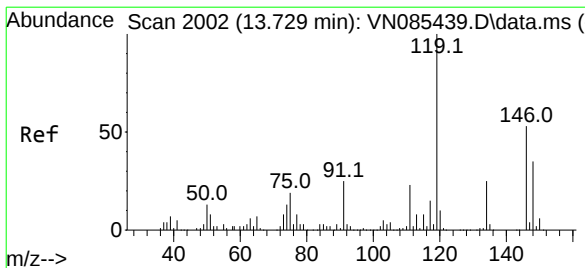


#86
p-Isopropyltoluene
Concen: 48.830 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55



Tgt Ion:119 Resp: 388549
Ion Ratio Lower Upper
119 100
134 25.6 12.7 38.0
91 25.1 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.167 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

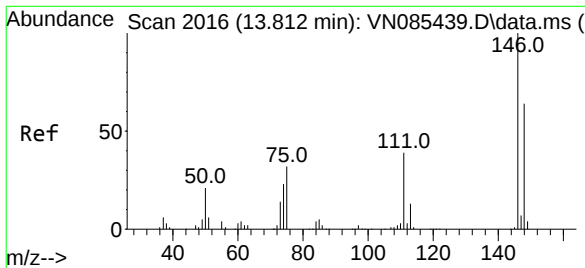
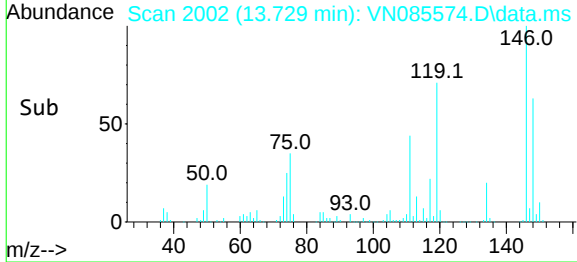
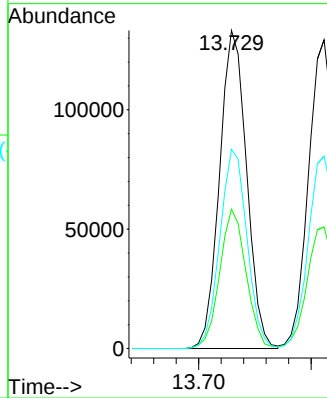
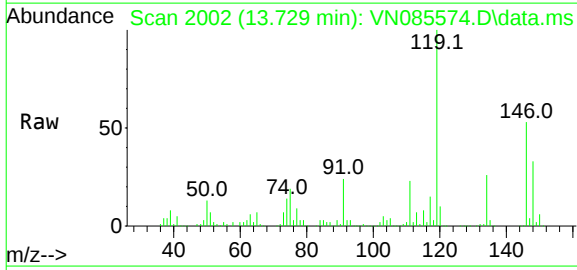
Tgt Ion:	146	Resp:	222505
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.4	64.3
148	62.8	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#88

1,4-Dichlorobenzene

Concen: 47.624 ug/l

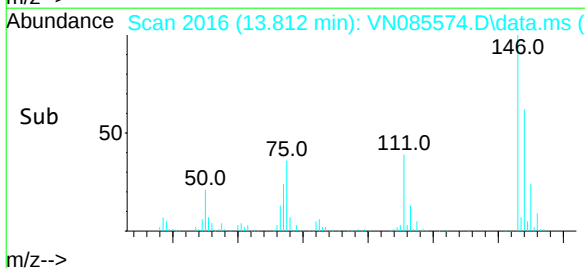
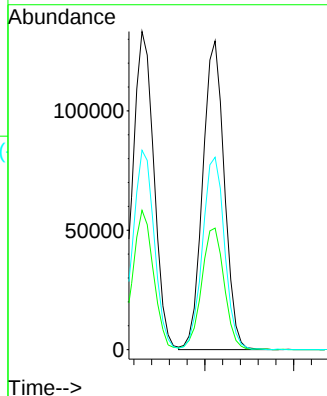
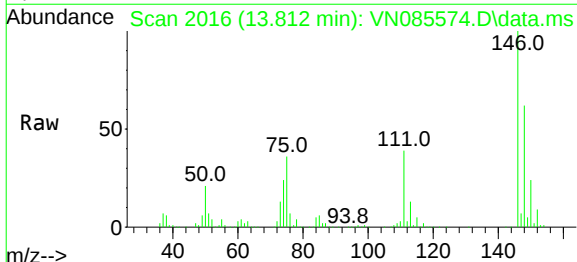
RT: 13.812 min Scan# 2016

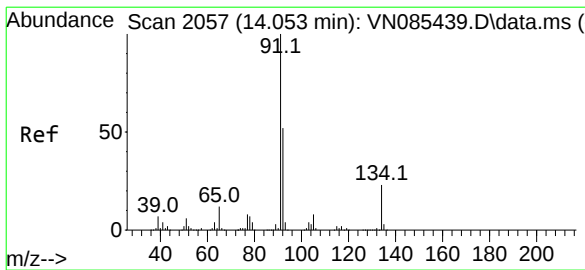
Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Tgt Ion:	146	Resp:	218940
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.3	63.7
148	63.8	32.4	97.0





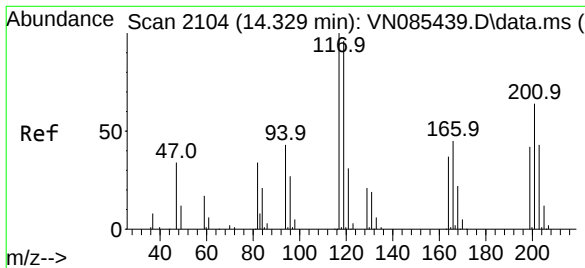
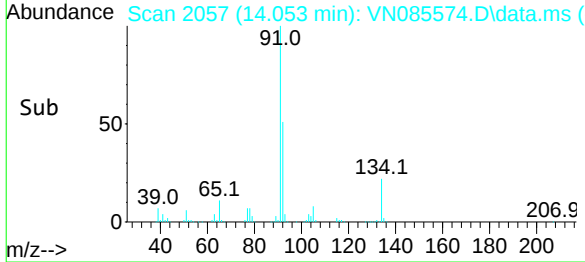
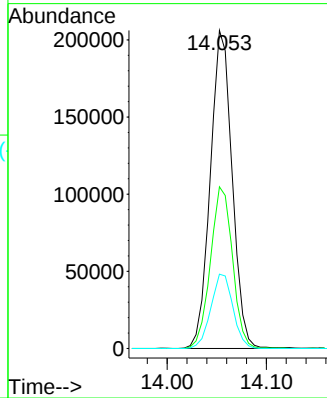
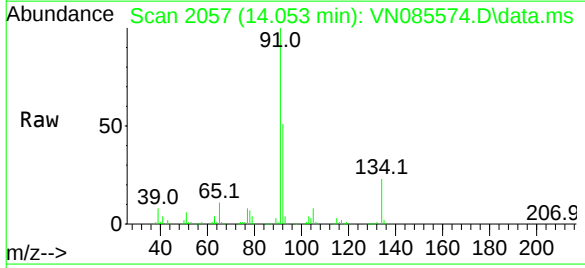
#89
n-Butylbenzene
Concen: 49.613 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.3
134	23.6	11.7	35.1

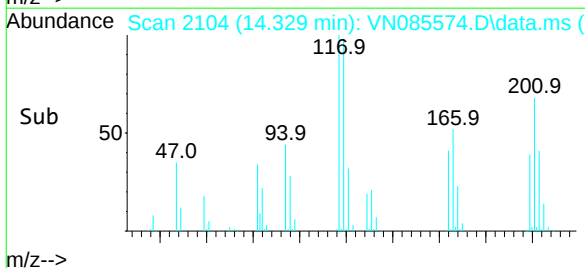
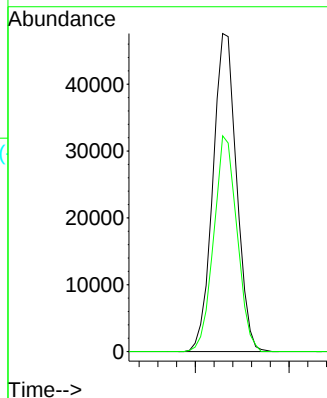
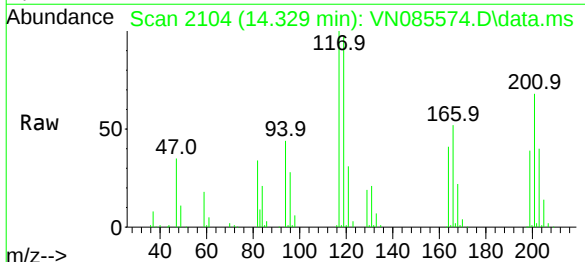
Manual Integrations
APPROVED

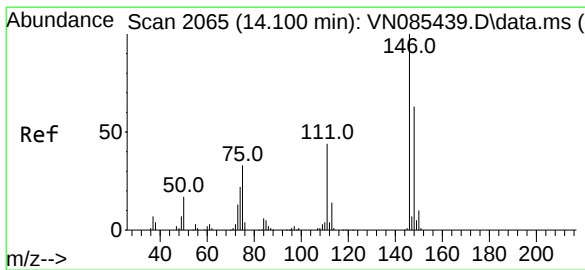
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#90
Hexachloroethane
Concen: 49.451 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	33.7	101.0





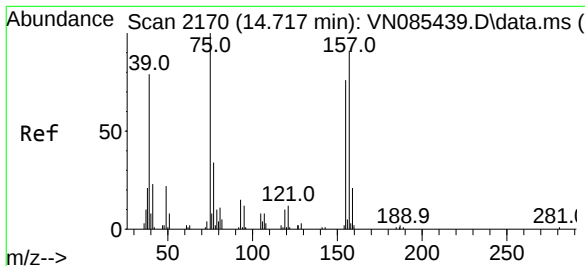
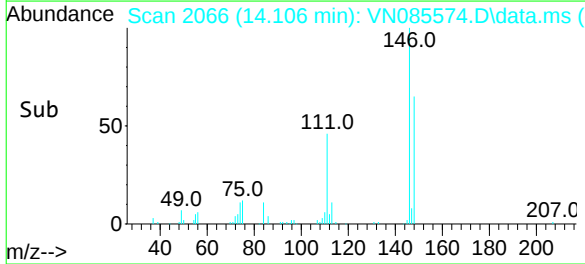
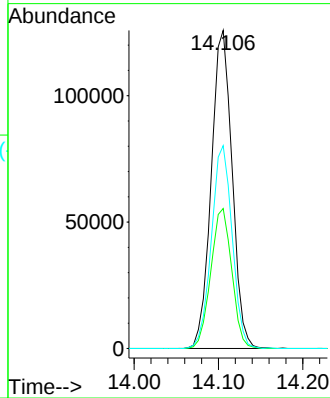
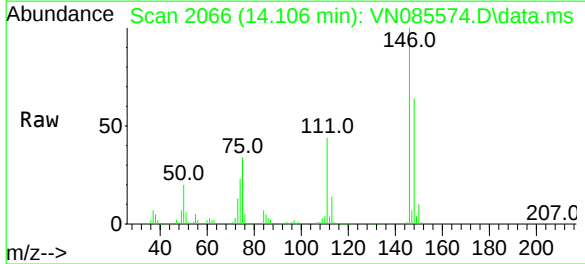
#91
1,2-Dichlorobenzene
Concen: 48.906 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 216362
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 63.6 31.4 94.2

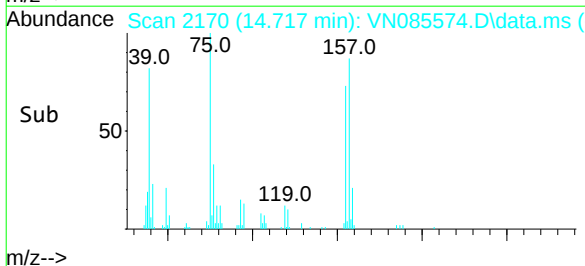
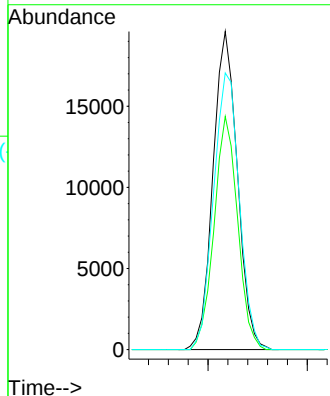
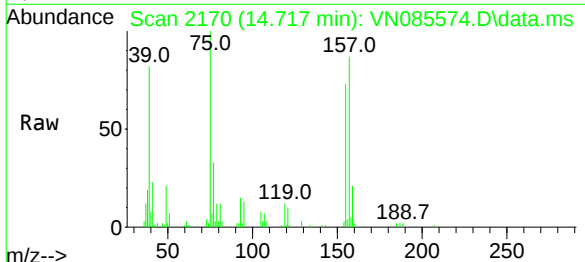
Manual Integrations
APPROVED

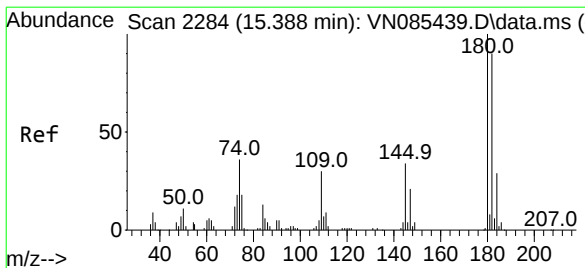
Reviewed By :John Carlone 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.294 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085574.D
Acq: 29 Jan 2025 21:55

Tgt Ion: 75 Resp: 33473
Ion Ratio Lower Upper
75 100
155 70.9 36.4 109.2
157 91.8 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 47.691 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 98063

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.3

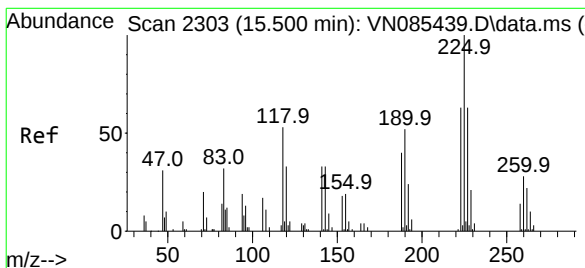
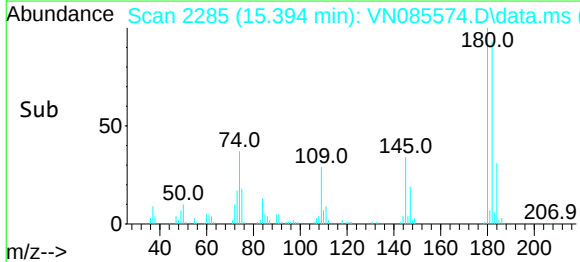
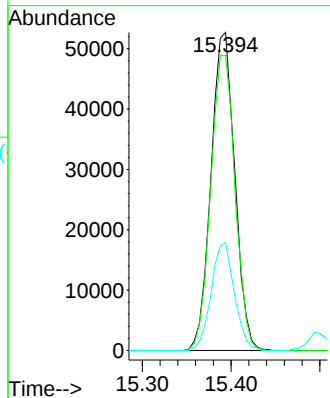
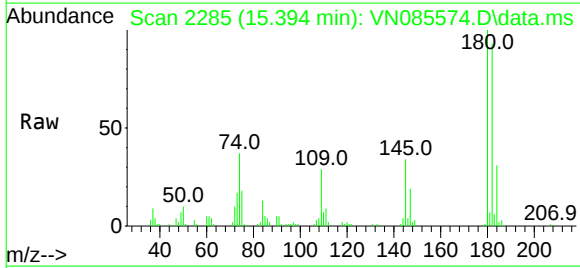
145 33.0 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#94

Hexachlorobutadiene

Concen: 42.566 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

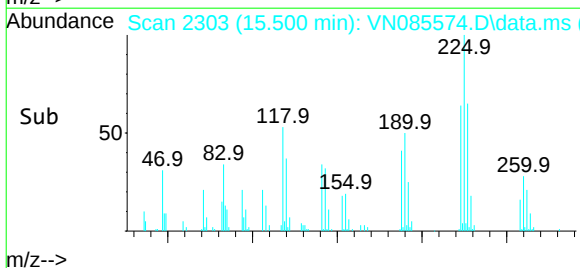
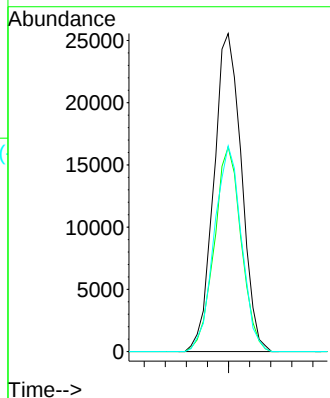
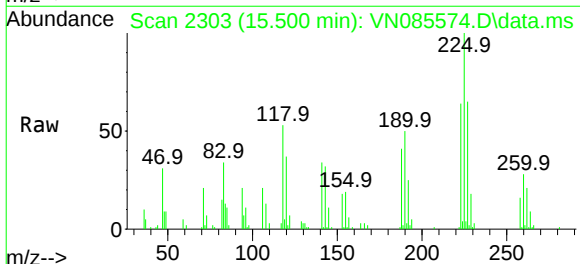
Tgt Ion:225 Resp: 46467

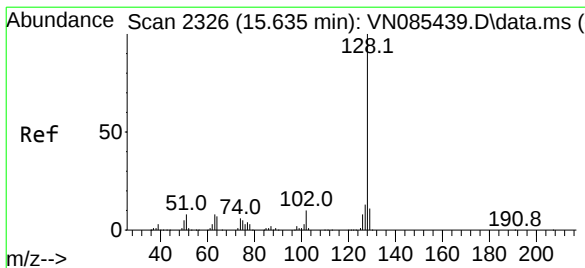
Ion Ratio Lower Upper

225 100

223 62.6 30.7 92.1

227 63.6 30.9 92.5





#95

Naphthalene

Concen: 52.633 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

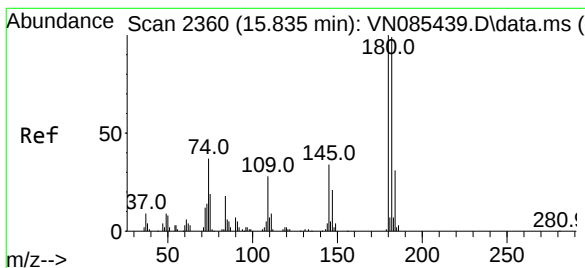
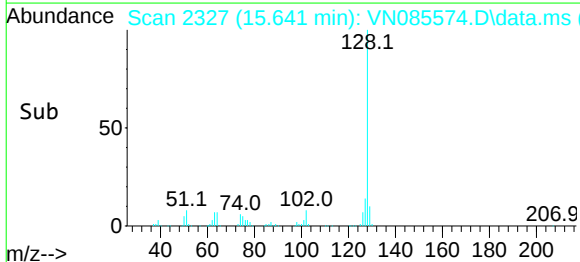
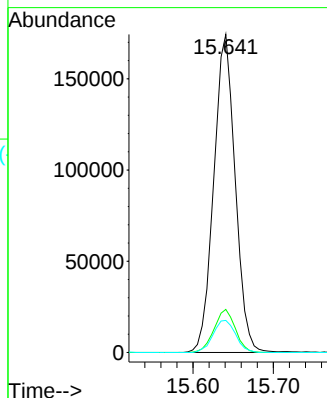
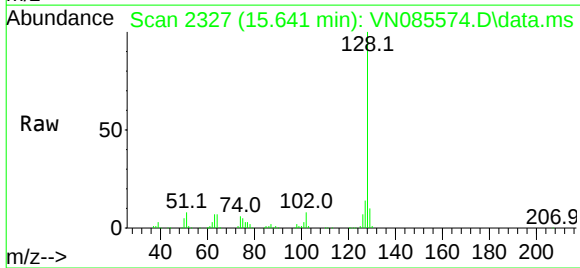
Tgt Ion:	128	Resp:	322943
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.643 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085574.D

Acq: 29 Jan 2025 21:55

Tgt Ion:	180	Resp:	101205
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	33.6	16.9	50.7

