

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085516.D
 Acq On : 27 Jan 2025 14:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 28 01:58:22 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	325755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139987	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	149158	51.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.680%
35) Dibromofluoromethane	8.159	113	106514	47.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.565	98	374598	46.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.847	95	137149	49.932	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	98492	40.416	ug/l	99
3) Chloromethane	2.359	50	115040	43.600	ug/l	97
4) Vinyl Chloride	2.512	62	113887	42.942	ug/l	99
5) Bromomethane	2.947	94	77780	48.552	ug/l	98
6) Chloroethane	3.112	64	78161	46.485	ug/l	99
7) Trichlorofluoromethane	3.500	101	173314	45.038	ug/l	96
8) Diethyl Ether	3.959	74	71832	54.034	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	94271	43.494	ug/l	99
10) Methyl Iodide	4.583	142	133520	53.794	ug/l	99
11) Tert butyl alcohol	5.506	59	112021	336.724	ug/l	99
12) 1,1-Dichloroethene	4.336	96	91993	47.624	ug/l	97
13) Acrolein	4.177	56	160387	353.168	ug/l	100
14) Allyl chloride	5.018	41	159700	50.950	ug/l	99
15) Acrylonitrile	5.712	53	305102	288.732	ug/l	100
16) Acetone	4.418	43	252464	268.940	ug/l	98
17) Carbon Disulfide	4.706	76	236084	39.695	ug/l	99
18) Methyl Acetate	5.018	43	170799	59.834	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	390940	62.329	ug/l	97
20) Methylene Chloride	5.265	84	121237	52.169	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	100114	48.496	ug/l	92
22) Diisopropyl ether	6.665	45	406897	58.486	ug/l	100
23) Vinyl Acetate	6.594	43	1459713	299.808	ug/l	99
24) 1,1-Dichloroethane	6.559	63	222305	52.404	ug/l	100
25) 2-Butanone	7.477	43	389978	282.299	ug/l	99
26) 2,2-Dichloropropane	7.482	77	179985	52.477	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	131013	53.882	ug/l	99
28) Bromochloromethane	7.806	49	90452	45.830	ug/l	100
29) Tetrahydrofuran	7.829	42	259786	296.615	ug/l	100
30) Chloroform	7.959	83	231016	52.690	ug/l	100
31) Cyclohexane	8.253	56	148377	40.242	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	188991	49.141	ug/l	99
36) 1,1-Dichloropropene	8.365	75	141489	44.609	ug/l	99
37) Ethyl Acetate	7.553	43	168512	52.636	ug/l	99
38) Carbon Tetrachloride	8.359	117	160567	44.219	ug/l	96
39) Methylcyclohexane	9.600	83	130155	43.668	ug/l	99
40) Benzene	8.600	78	465760	48.872	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	94372	56.659	ug/l	98
42) 1,2-Dichloroethane	8.665	62	183306	51.070	ug/l	99
43) Isopropyl Acetate	8.682	43	281936	54.960	ug/l	100
44) Trichloroethene	9.347	130	105110	47.381	ug/l	95
45) 1,2-Dichloropropane	9.618	63	123088	50.565	ug/l	97
46) Dibromomethane	9.700	93	88504	50.387	ug/l	95
47) Bromodichloromethane	9.882	83	190039	53.106	ug/l	99
48) Methyl methacrylate	9.676	41	132510	57.400	ug/l	98
49) 1,4-Dioxane	9.688	88	40696	1046.827	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	851970	286.205	ug/l	99
52) Toluene	10.623	92	285545	51.711	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	190140	56.226	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	199604	55.257	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	116373	53.253	ug/l	96
56) Ethyl methacrylate	10.870	69	189137	51.325	ug/l	99
57) 1,3-Dichloropropane	11.159	76	205868	54.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	413395	298.097	ug/l	100
59) 2-Hexanone	11.194	43	610023	291.243	ug/l	99
60) Dibromochloromethane	11.353	129	142167	53.886	ug/l	98
61) 1,2-Dibromoethane	11.465	107	116327	53.477	ug/l	98
64) Tetrachloroethene	11.100	164	91013	46.937	ug/l	98
65) Chlorobenzene	11.888	112	311291	49.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	117864	51.540	ug/l	99
67) Ethyl Benzene	11.959	91	526713	51.901	ug/l	99
68) m/p-Xylenes	12.064	106	401289	106.992	ug/l	100
69) o-Xylene	12.394	106	196078	54.703	ug/l	100
70) Styrene	12.406	104	344386	58.055	ug/l	99
71) Bromoform	12.576	173	94532	57.773	ug/l #	100
73) Isopropylbenzene	12.694	105	477865	50.579	ug/l	99
74) N-amyl acetate	12.488	43	240341	56.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	171698	51.447	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	161908m	56.904	ug/l	
77) Bromobenzene	12.976	156	127105	51.493	ug/l	99
78) n-propylbenzene	13.029	91	573848	51.306	ug/l	100
79) 2-Chlorotoluene	13.123	91	366620	50.647	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	414375	53.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	59274	56.364	ug/l	97
82) 4-Chlorotoluene	13.217	91	375177	52.054	ug/l	99
83) tert-Butylbenzene	13.435	119	333841	50.940	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	424105	54.525	ug/l	99
85) sec-Butylbenzene	13.611	105	467115	51.427	ug/l	100
86) p-Isopropyltoluene	13.723	119	391206	48.059	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	228057	50.168	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	229002	48.601	ug/l	98
89) n-Butylbenzene	14.053	91	339784	52.144	ug/l	99
90) Hexachloroethane	14.329	117	80633	46.631	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	226400	49.930	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32340	53.066	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	113032	53.634	ug/l	99
94) Hexachlorobutadiene	15.500	225	50610	45.233	ug/l	99
95) Naphthalene	15.641	128	356931	56.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	113736	53.337	ug/l	97

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

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

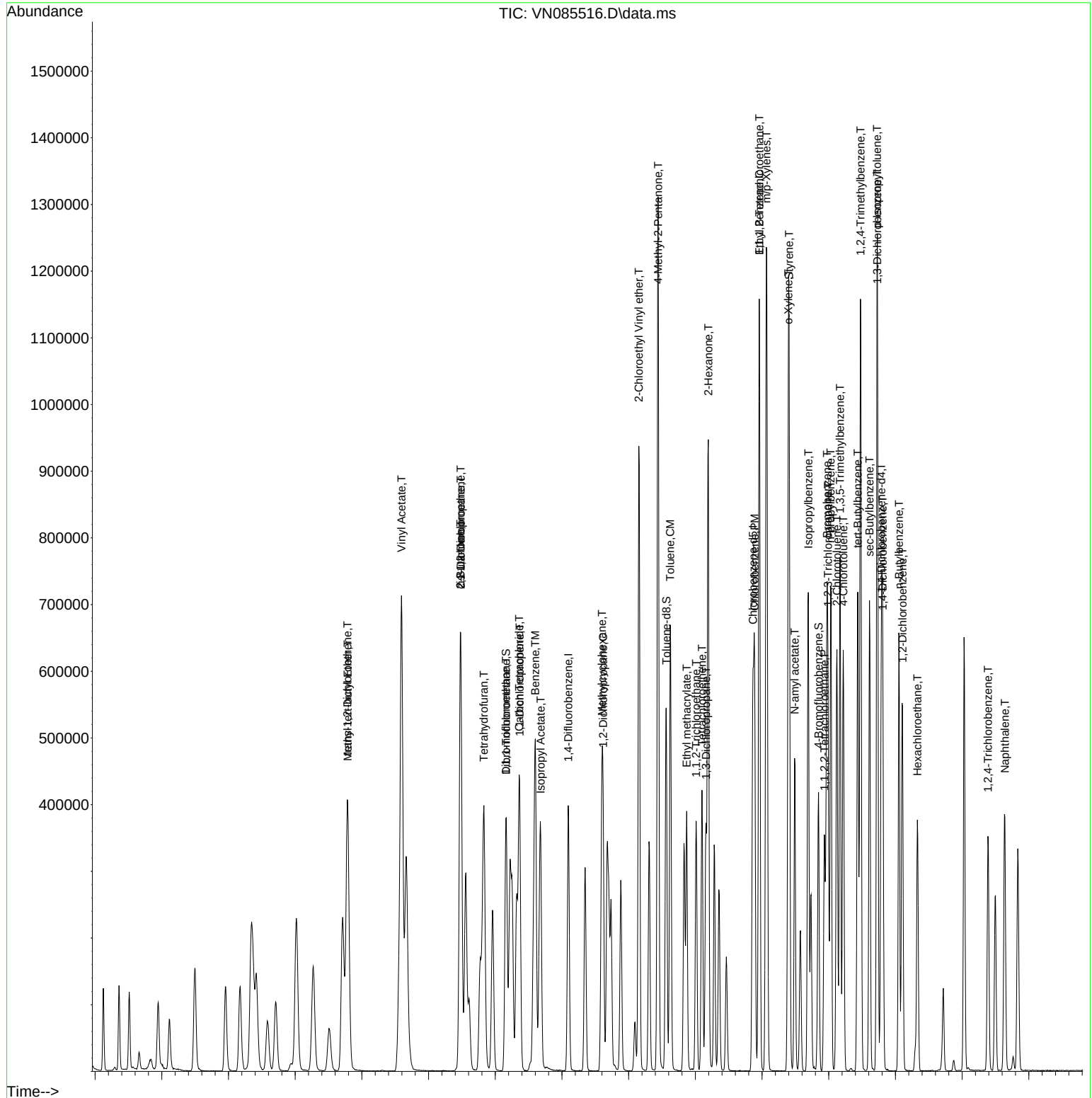
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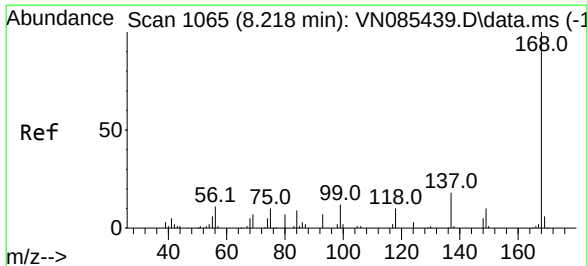
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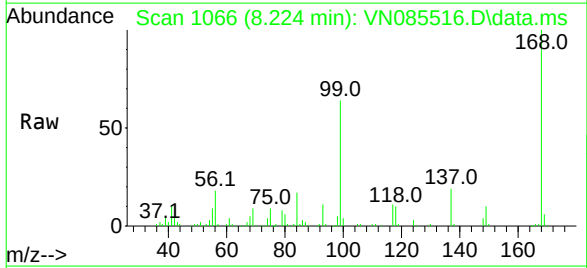
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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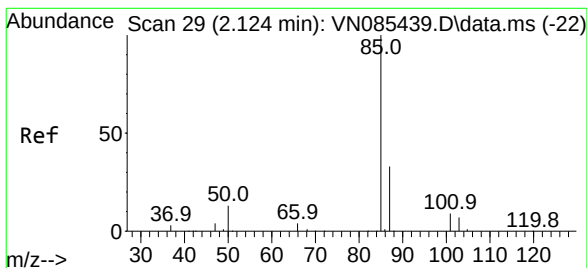
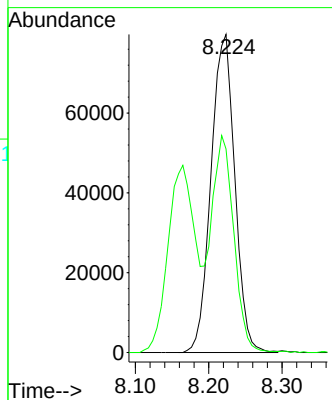
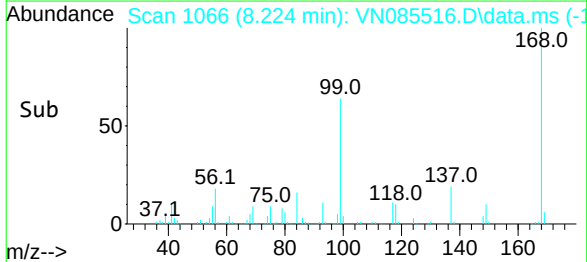
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Tgt Ion:168 Resp: 179985
Ion Ratio Lower Upper
168 100
99 63.7 53.6 80.4

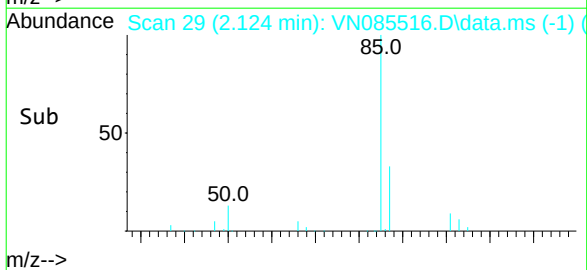
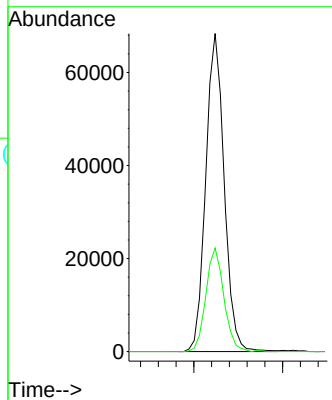
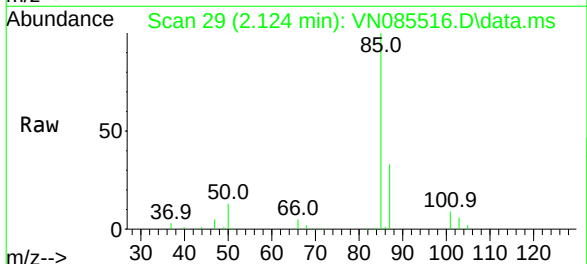
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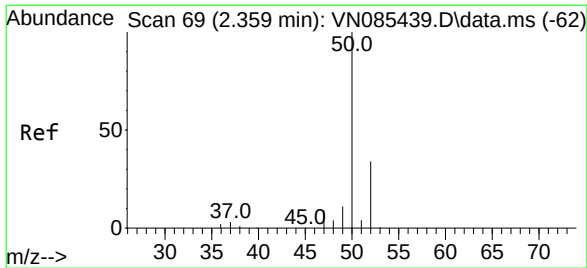
Reviewed By :John Carlone 01/28/2025
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#2
Dichlorodifluoromethane
Concen: 40.416 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 85 Resp: 98492
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





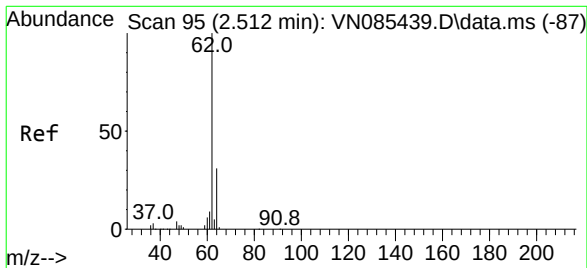
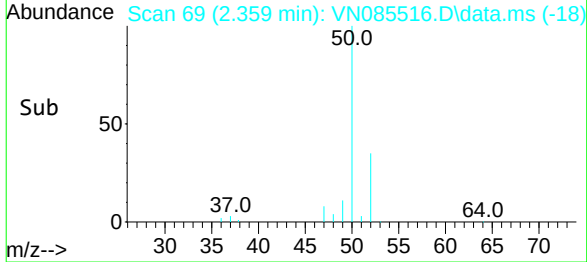
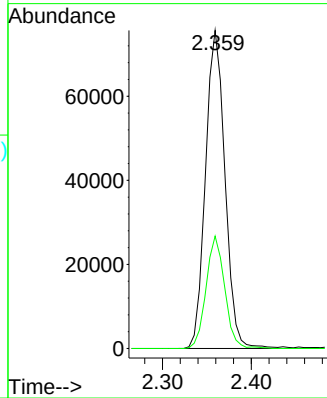
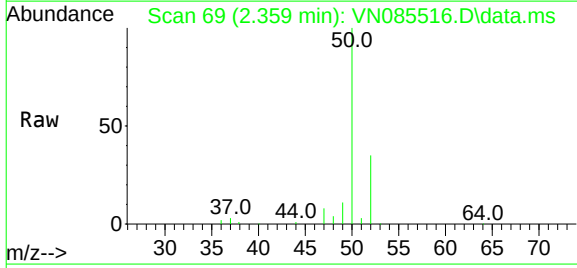
#3
Chloromethane
Concen: 43.600 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085516.D
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Tgt Ion: 50 Resp: 115040
Ion Ratio Lower Upper
50 100
52 35.3 27.0 40.6

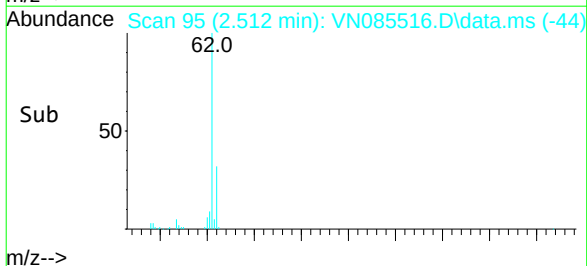
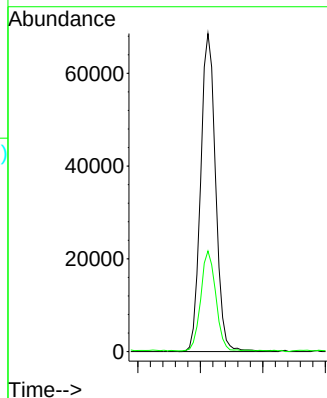
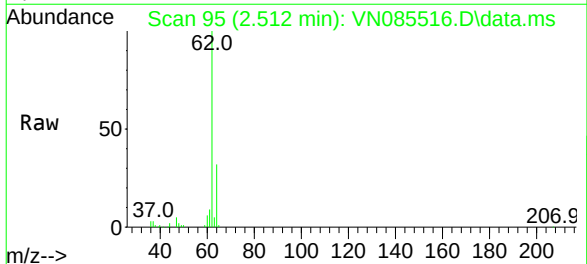
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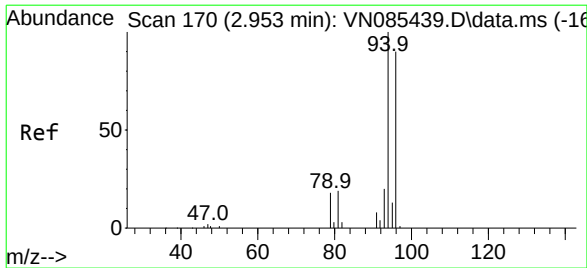
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#4
Vinyl Chloride
Concen: 42.942 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 62 Resp: 113887
Ion Ratio Lower Upper
62 100
64 31.4 24.8 37.2





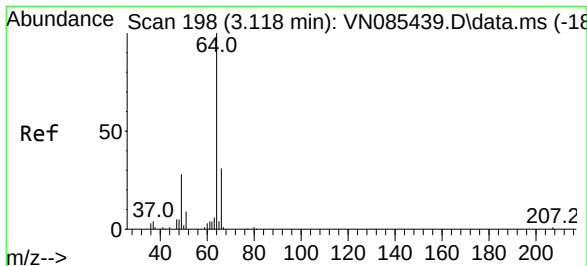
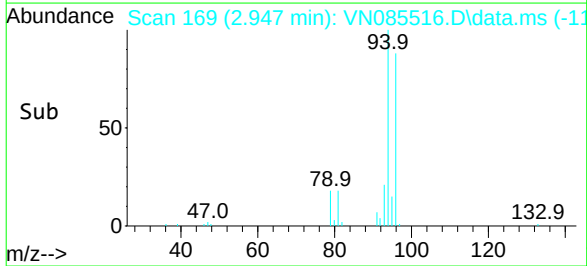
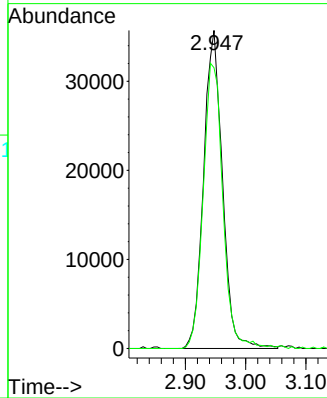
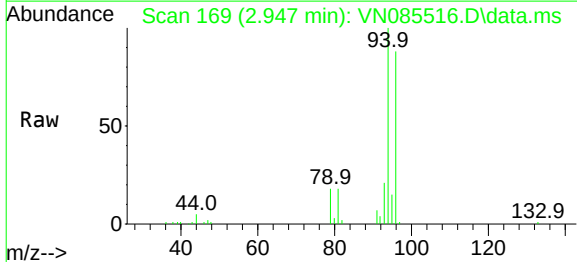
#5
Bromomethane
Concen: 48.552 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 77780
Ion Ratio Lower Upper
94 100
96 88.3 71.8 107.6

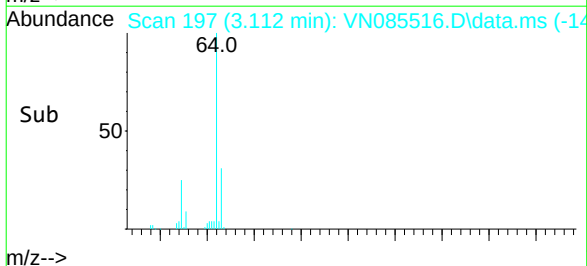
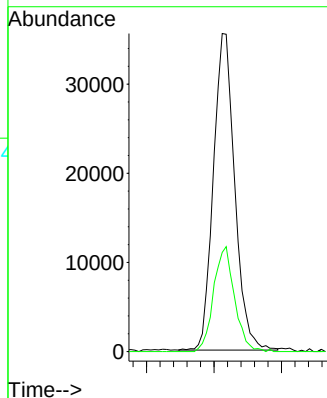
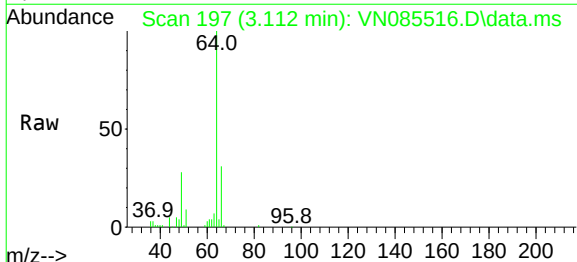
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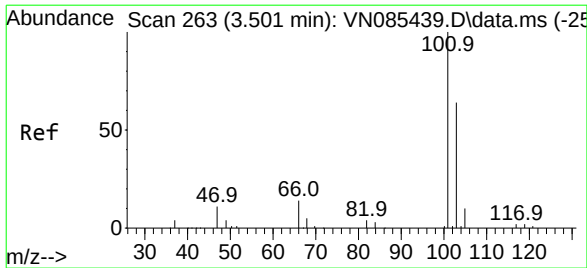
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#6
Chloroethane
Concen: 46.485 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 64 Resp: 78161
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8





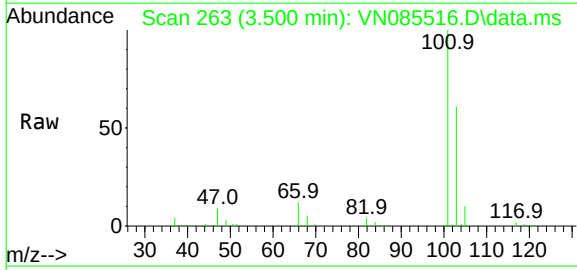
#7
 Trichlorofluoromethane
 Concen: 45.038 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085516.D
 Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

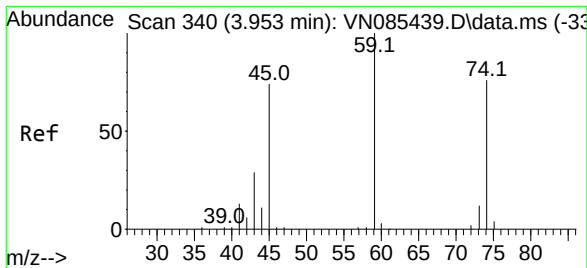
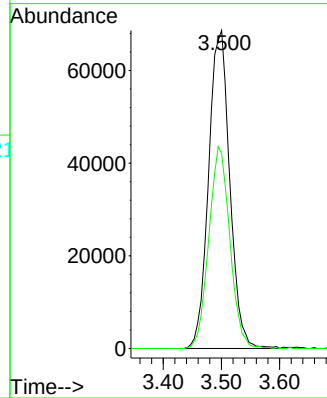
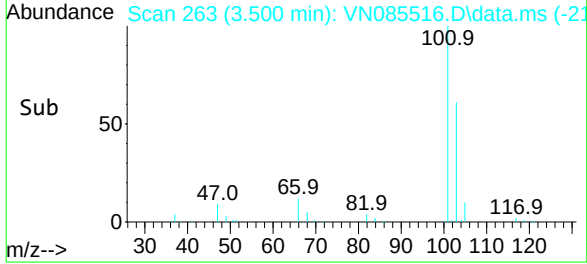


Tgt Ion:101 Resp: 173314
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.4 77.2

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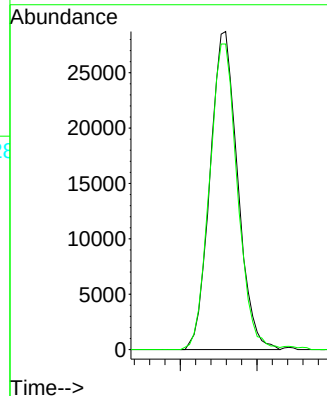
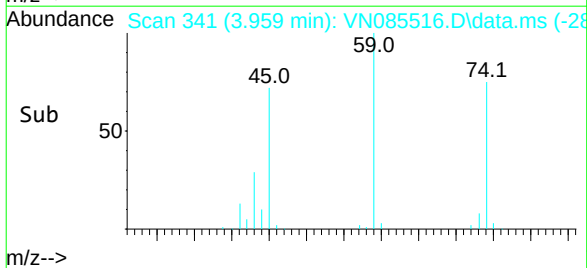
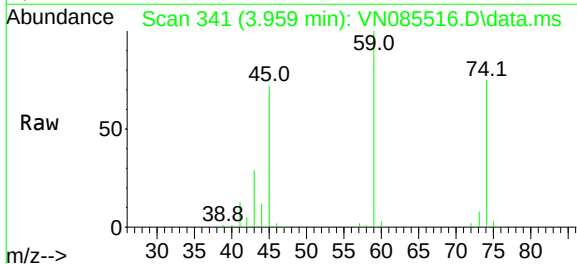
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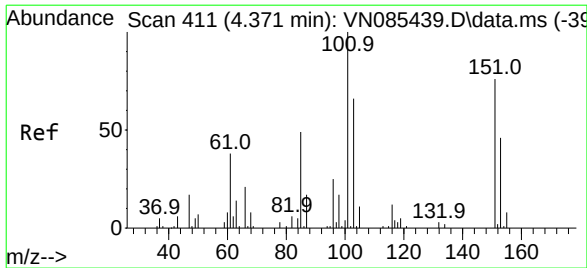
Reviewed By :John Carlone 01/28/2025
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#8
 Diethyl Ether
 Concen: 54.034 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085516.D
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Tgt Ion: 74 Resp: 71832
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.7 149.1





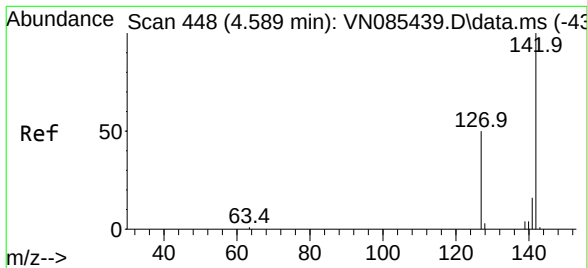
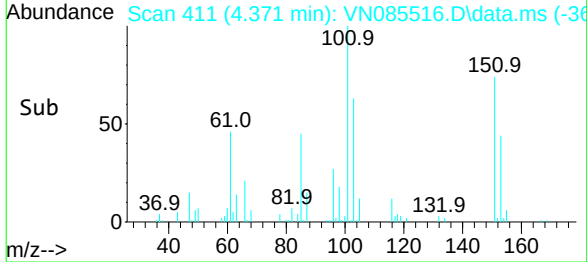
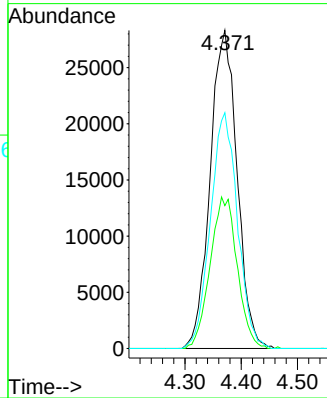
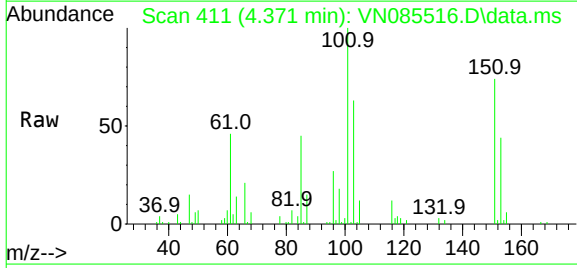
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.494 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	101	Resp:	94271
Ion Ratio	Lower	Upper	
101	100		
85	47.9	37.8	56.8
151	74.7	58.8	88.2

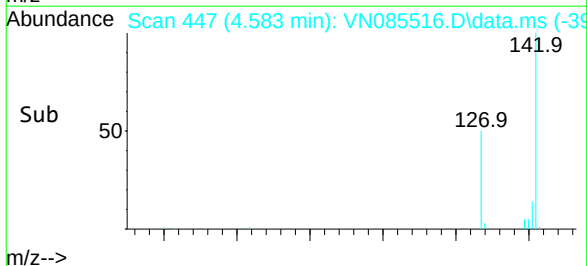
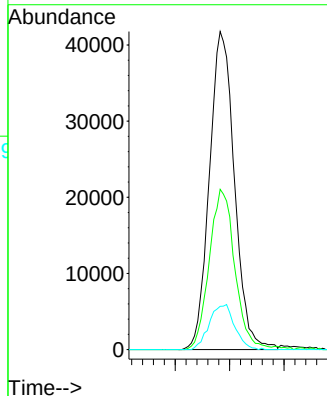
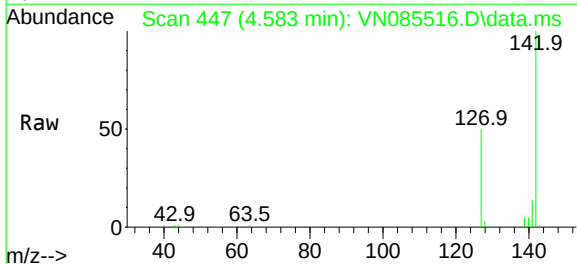
Manual Integrations
APPROVED

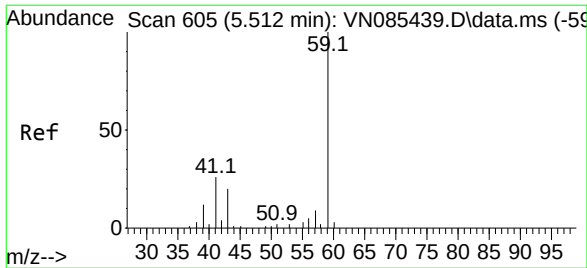
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#10
Methyl Iodide
Concen: 53.794 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:	142	Resp:	133520
Ion Ratio	Lower	Upper	
142	100		
127	50.4	40.3	60.5
141	13.6	12.8	19.2





#11

Tert butyl alcohol

Concen: 336.724 ug/l

RT: 5.506 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 112021

Ion Ratio Lower Upper

59 100

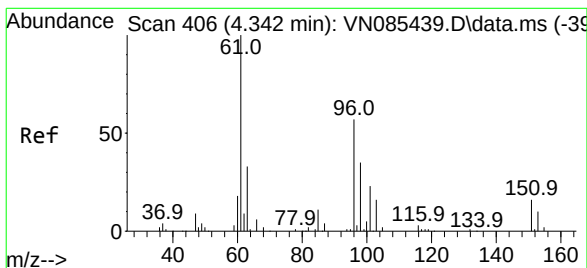
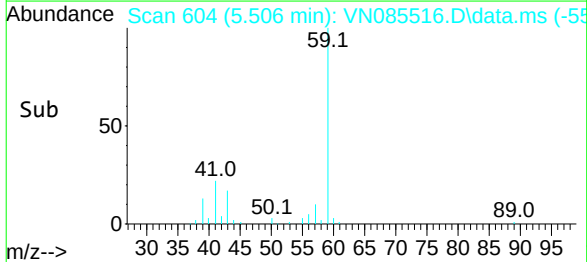
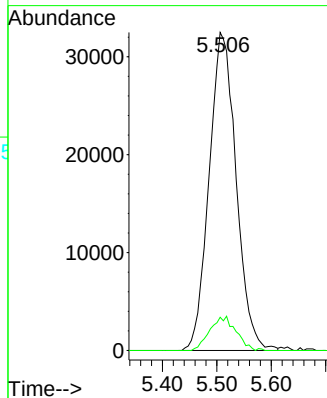
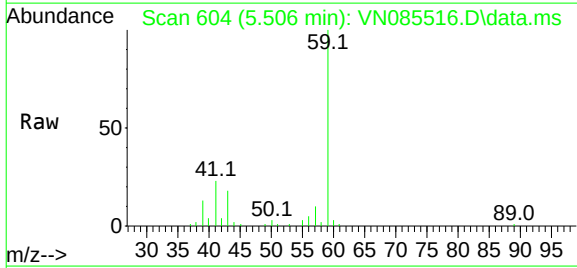
57 10.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#12

1,1-Dichloroethene

Concen: 47.624 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

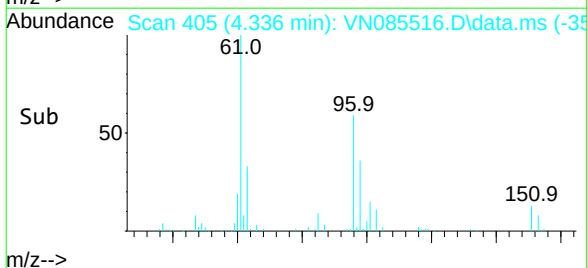
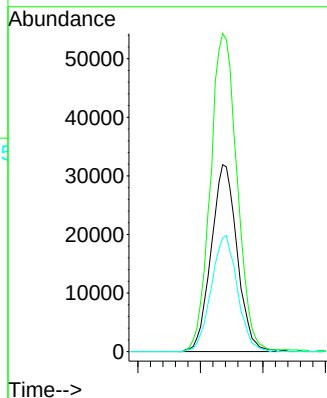
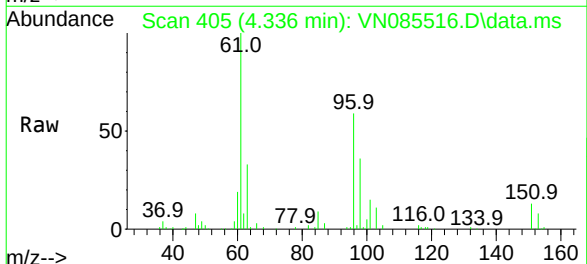
Tgt Ion: 96 Resp: 91993

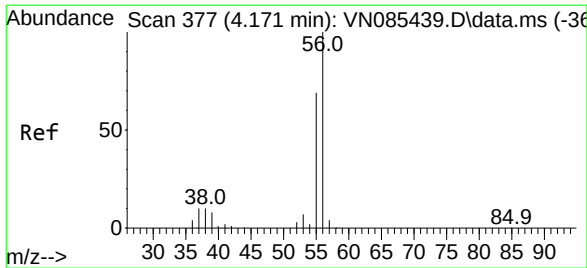
Ion Ratio Lower Upper

96 100

61 170.2 141.0 211.4

98 60.8 49.0 73.6





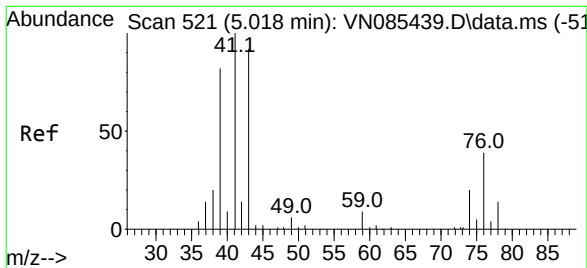
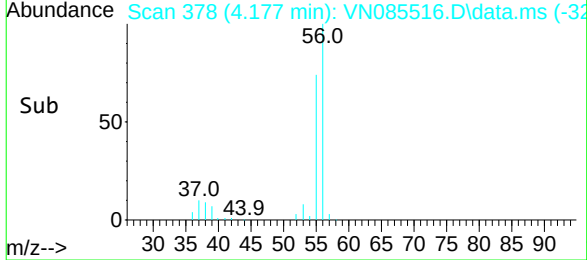
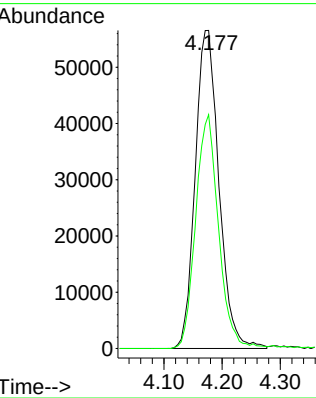
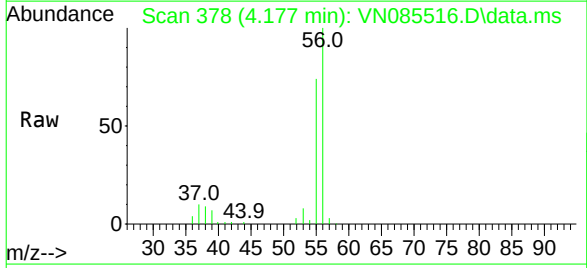
#13
Acrolein
Concen: 353.168 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 160387
Ion Ratio Lower Upper
56 100
55 70.7 56.3 84.5

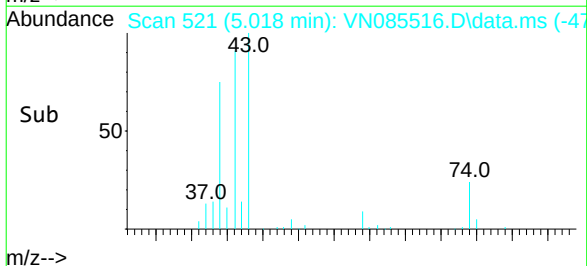
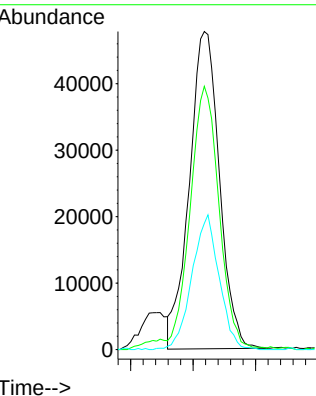
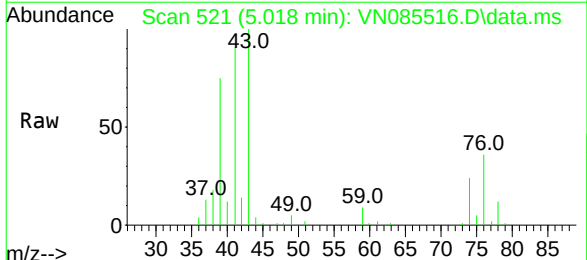
Manual Integrations
APPROVED

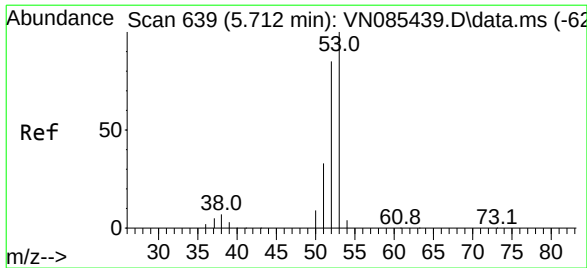
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#14
Allyl chloride
Concen: 50.950 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

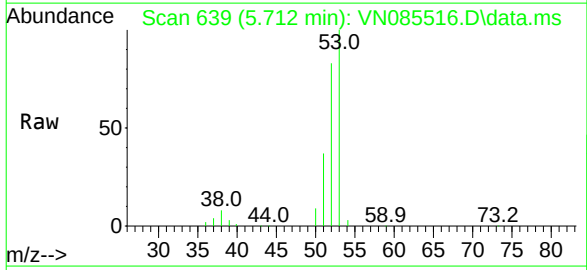
Tgt Ion: 41 Resp: 159700
Ion Ratio Lower Upper
41 100
39 82.1 64.4 96.6
76 38.4 30.5 45.7





#15
Acrylonitrile
Concen: 288.732 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

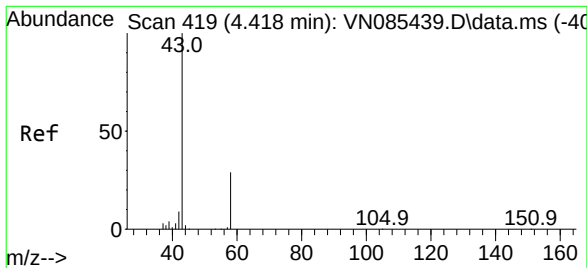
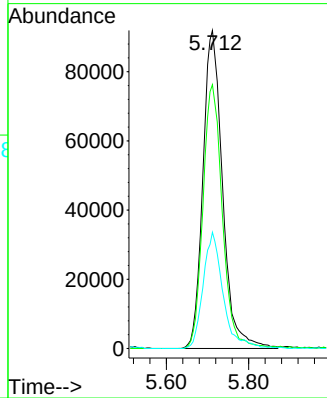
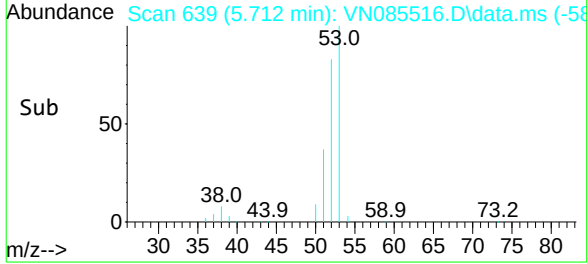
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



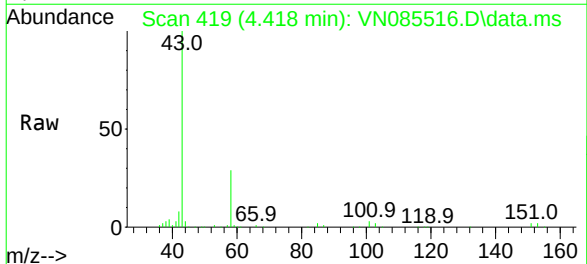
Tgt Ion: 53 Resp: 305102
Ion Ratio Lower Upper
53 100
52 81.8 65.5 98.3
51 37.1 29.8 44.8

Manual Integrations
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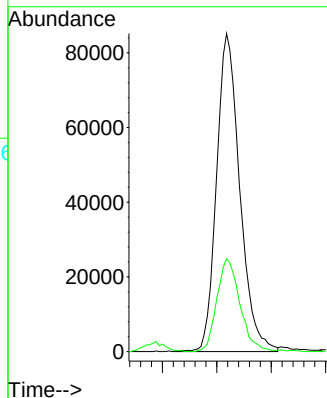
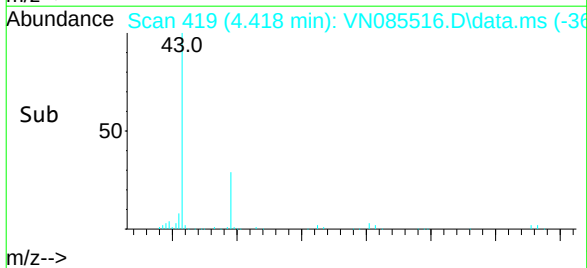
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

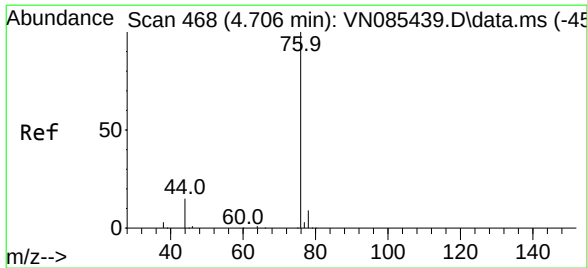


#16
Acetone
Concen: 268.940 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50



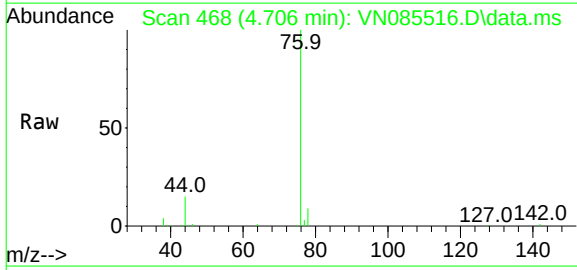
Tgt Ion: 43 Resp: 252464
Ion Ratio Lower Upper
43 100
58 28.8 23.8 35.6





#17
Carbon Disulfide
Concen: 39.695 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

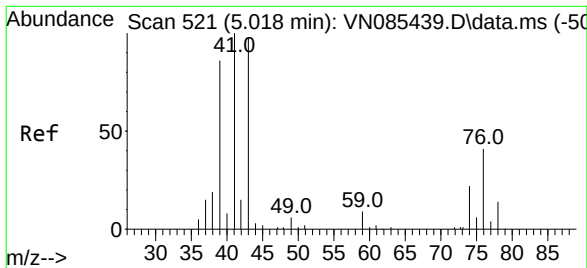
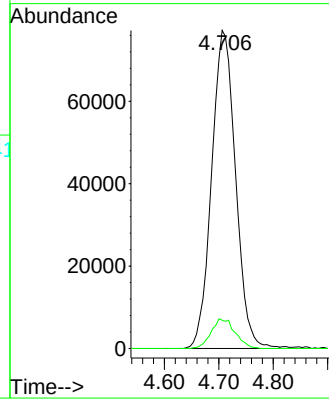
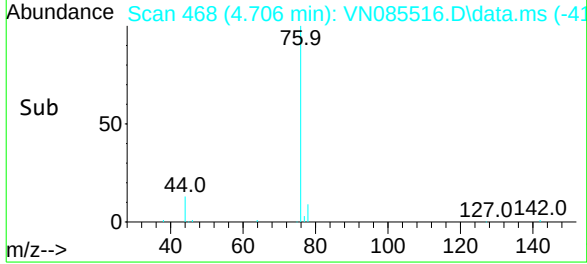
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 236084
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

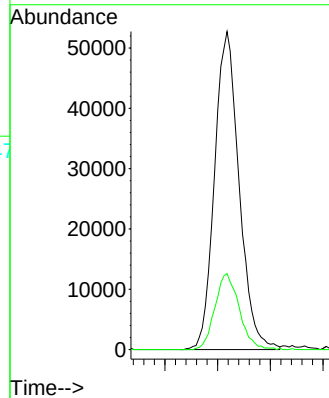
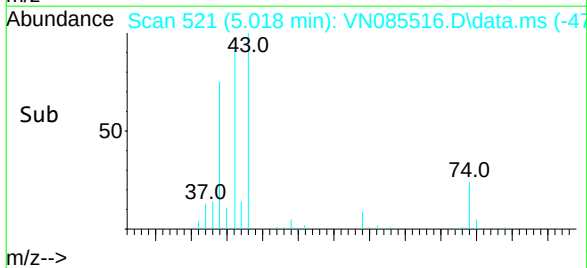
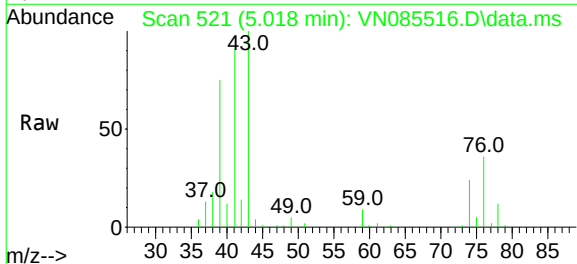
Manual Integrations
APPROVED

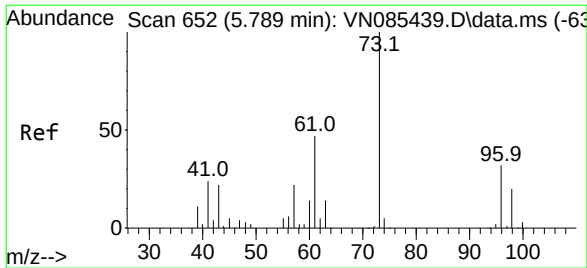
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#18
Methyl Acetate
Concen: 59.834 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 43 Resp: 170799
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 62.329 ug/l

RT: 5.788 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 390940

Ion Ratio Lower Upper

73 100

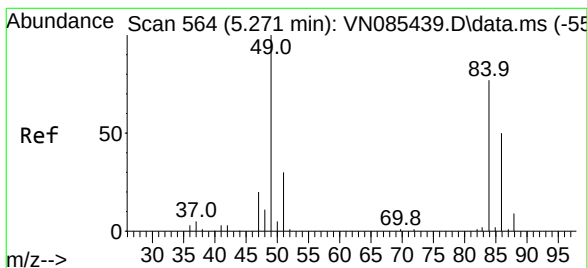
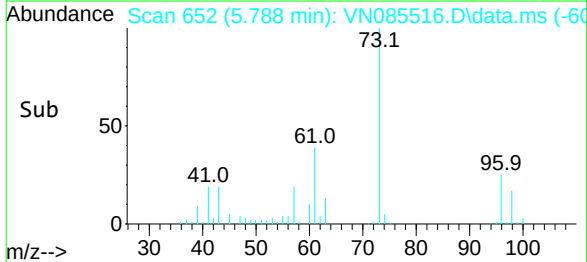
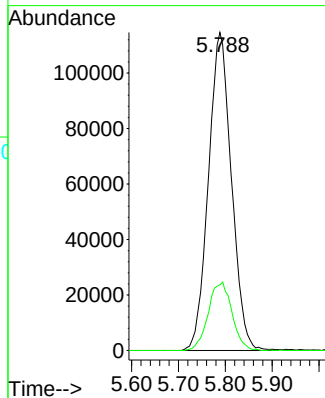
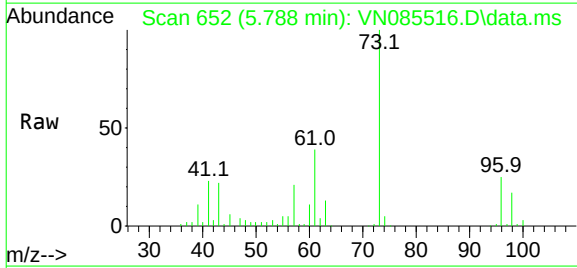
57 20.6 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#20

Methylene Chloride

Concen: 52.169 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Tgt Ion: 84 Resp: 121237

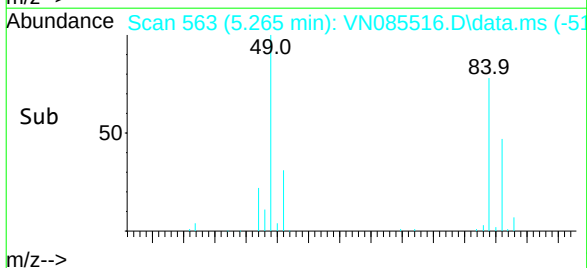
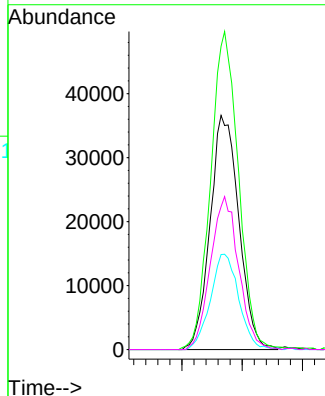
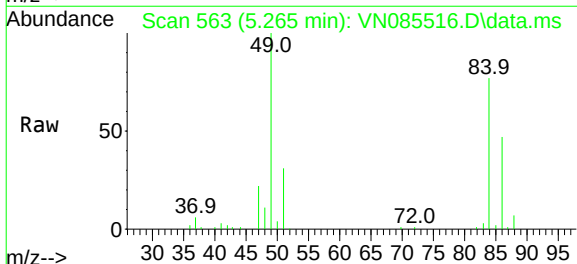
Ion Ratio Lower Upper

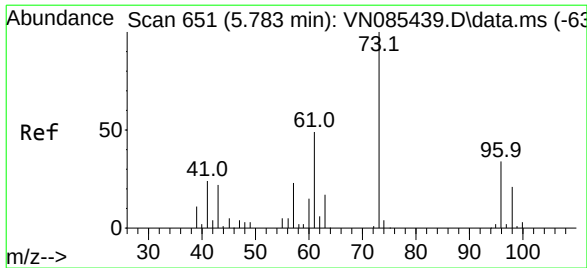
84 100

49 129.5 104.1 156.1

51 40.6 31.0 46.4

86 61.0 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 48.496 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 100114

Ion Ratio Lower Upper

96 100

61 156.8 115.7 173.5

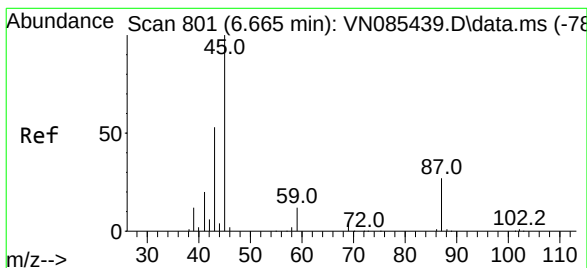
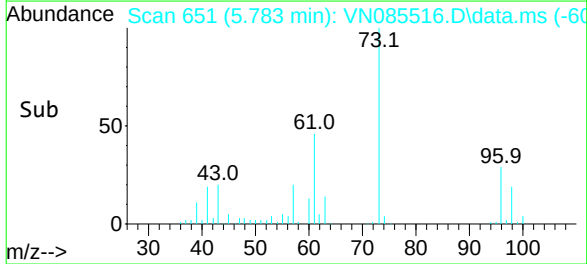
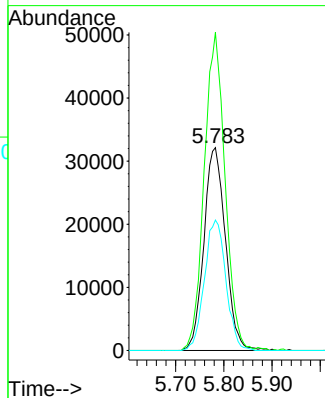
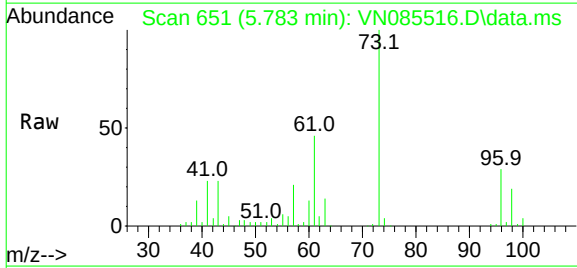
98 64.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#22

Diisopropyl ether

Concen: 58.486 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Tgt Ion: 45 Resp: 406897

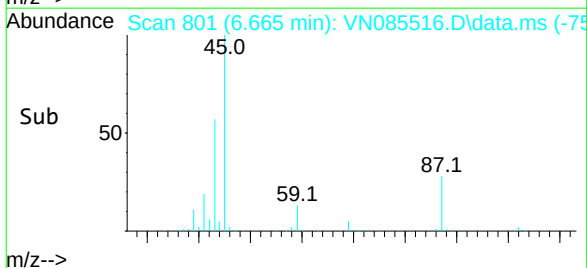
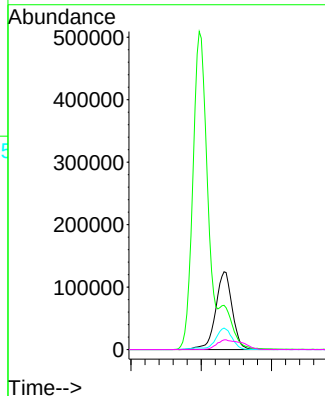
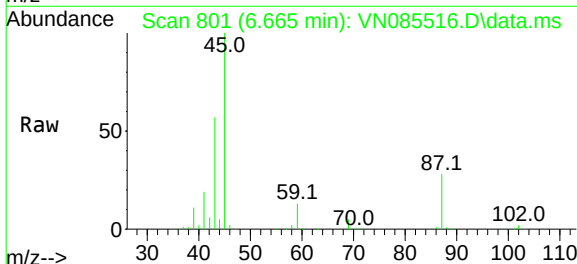
Ion Ratio Lower Upper

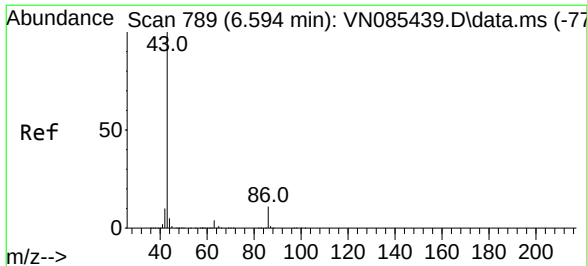
45 100

43 56.3 45.0 67.6

87 27.6 21.8 32.8

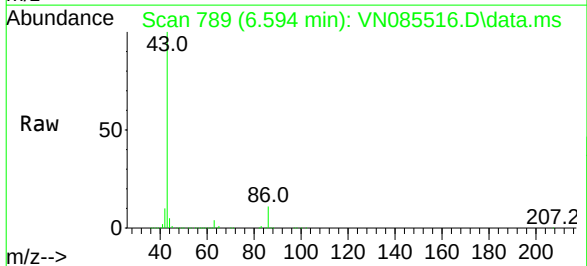
59 12.5 10.2 15.2





#23
 Vinyl Acetate
 Concen: 299.808 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085516.D
 Acq: 27 Jan 2025 14:50

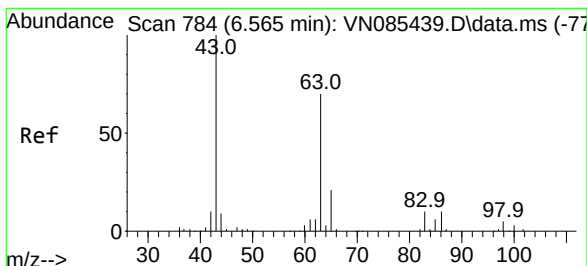
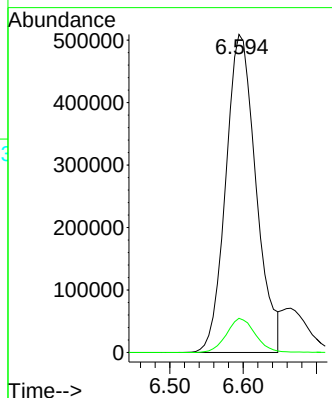
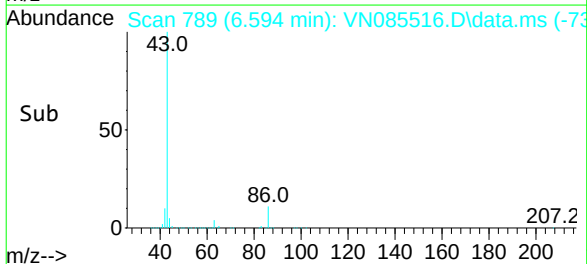
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



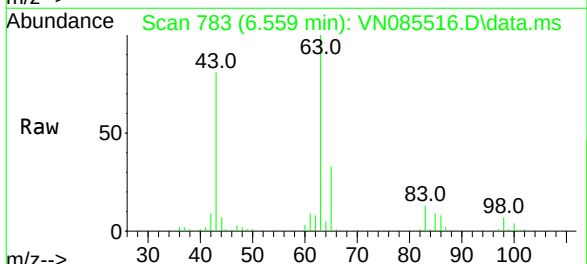
Tgt Ion: 43 Resp: 1459713
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6

Manual Integrations
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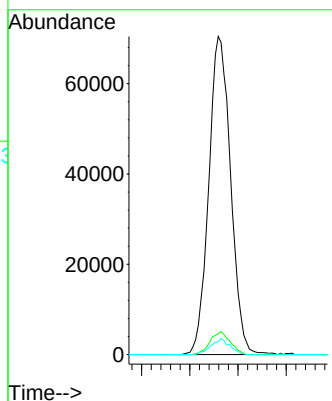
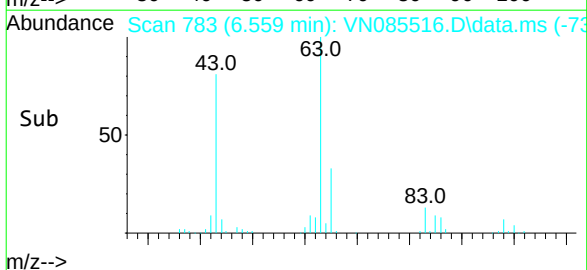
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

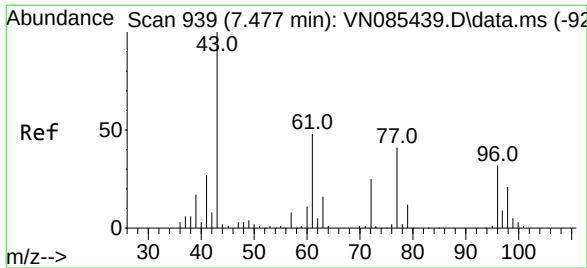


#24
 1,1-Dichloroethane
 Concen: 52.404 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085516.D
 Acq: 27 Jan 2025 14:50



Tgt Ion: 63 Resp: 222305
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.0 2.0 6.0





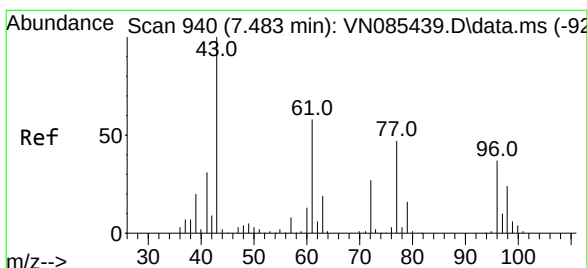
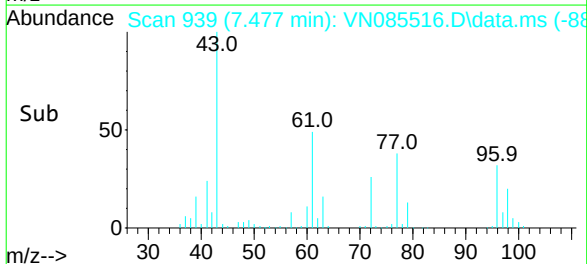
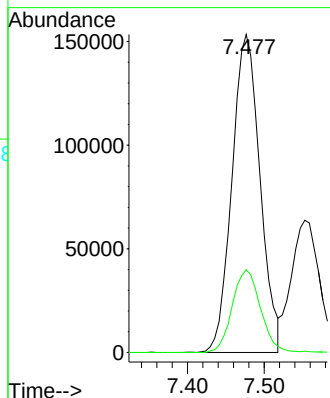
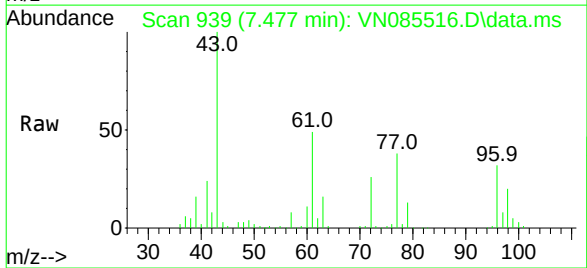
#25
2-Butanone
Concen: 282.299 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 389978
Ion Ratio Lower Upper
43 100
72 26.0 20.2 30.4

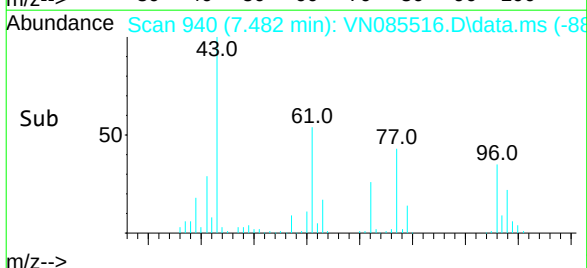
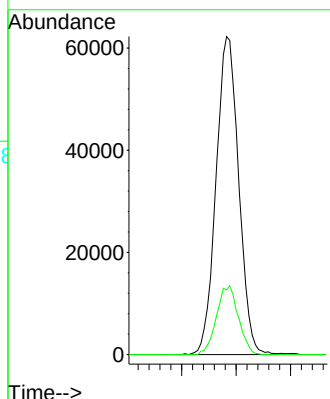
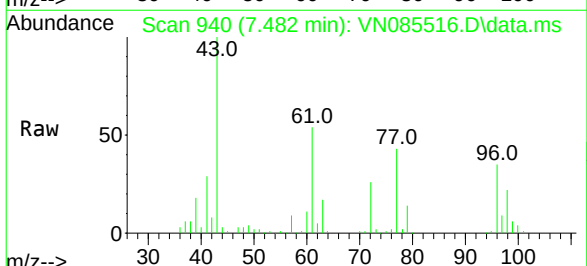
Manual Integrations
APPROVED

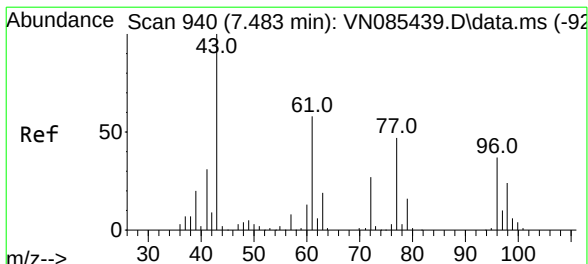
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#26
2,2-Dichloropropane
Concen: 52.477 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

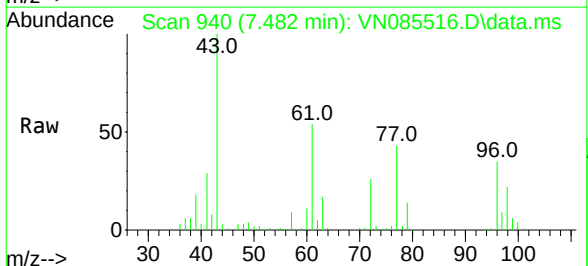
Tgt Ion: 77 Resp: 179985
Ion Ratio Lower Upper
77 100
97 20.8 10.7 32.1





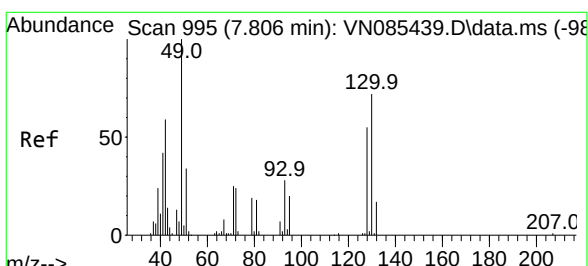
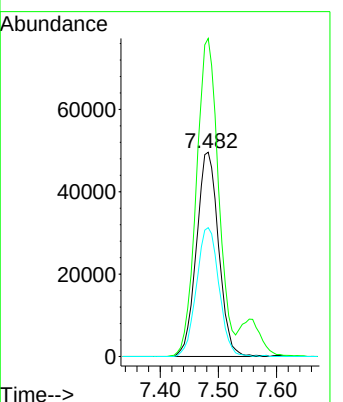
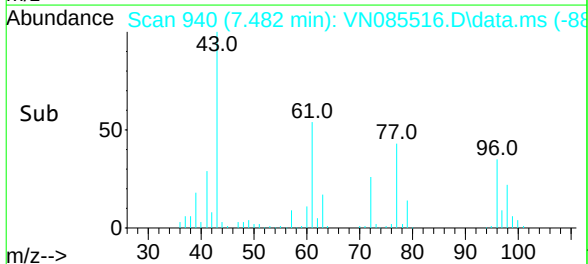
#27
 cis-1,2-Dichloroethene
 Concen: 53.882 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085516.D
 Acq: 27 Jan 2025 14:50

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

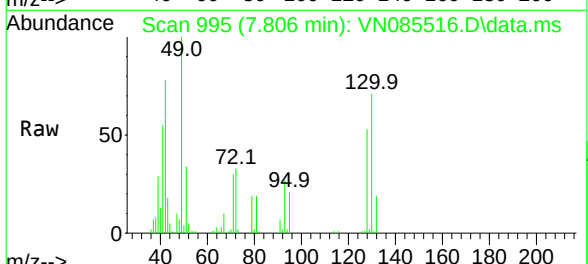


Tgt Ion:	96	Resp:	131013
Ion	Ratio	Lower	Upper
96	100		
61	155.7	0.0	311.8
98	64.2	0.0	126.0

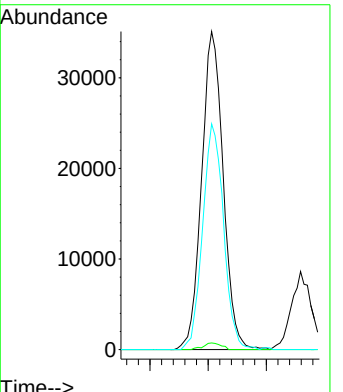
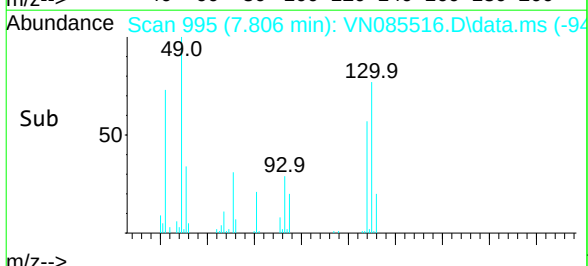
Manual Integrations
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 Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

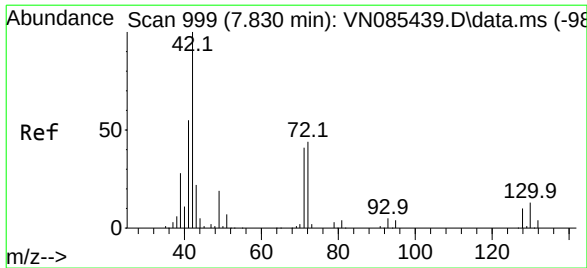


#28
 Bromochloromethane
 Concen: 45.830 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085516.D
 Acq: 27 Jan 2025 14:50



Tgt Ion:	49	Resp:	90452
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	68.8	55.0	82.4





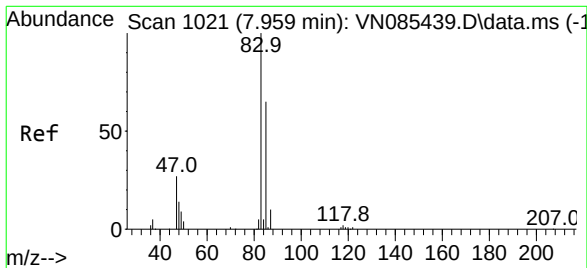
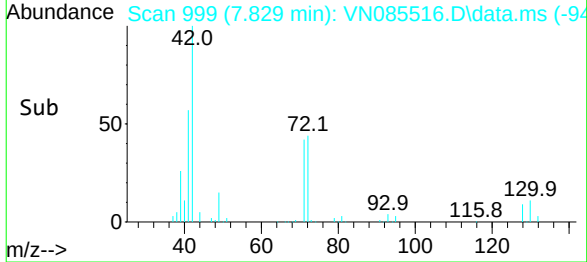
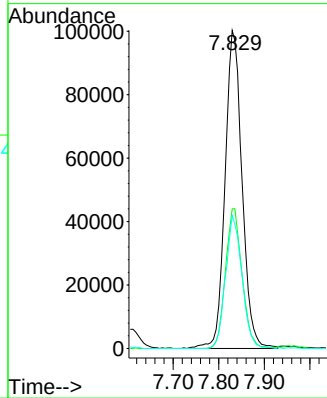
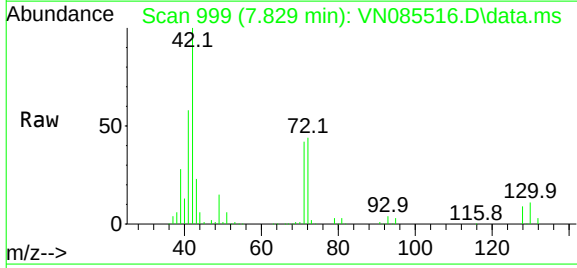
#29
Tetrahydrofuran
Concen: 296.615 ug/l
RT: 7.829 min Scan# 999
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 259786
Ion Ratio Lower Upper
42 100
72 42.9 34.2 51.2
71 40.2 32.5 48.7

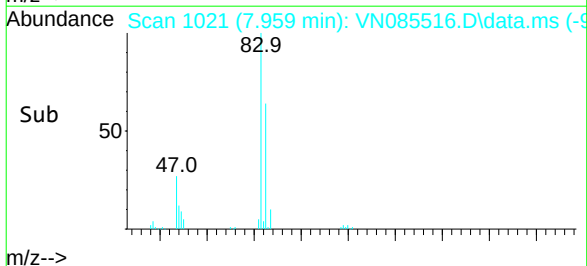
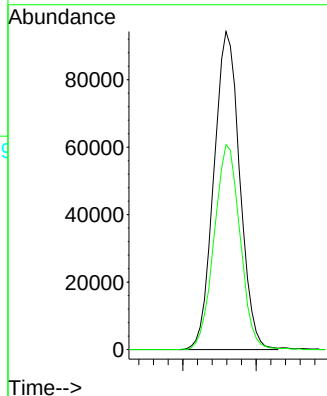
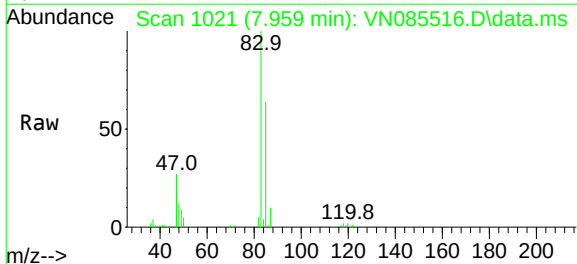
Manual Integrations
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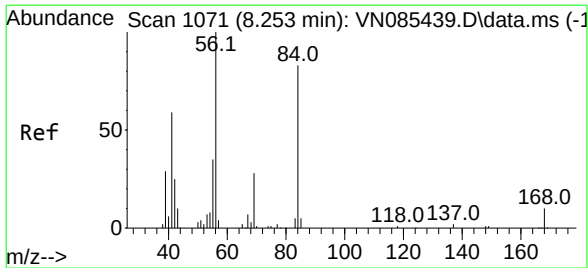
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#30
Chloroform
Concen: 52.690 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 83 Resp: 231016
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6





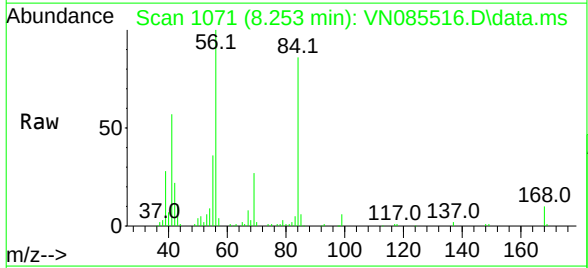
#31
Cyclohexane
Concen: 40.242 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

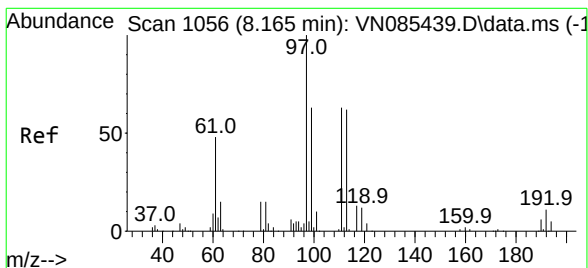
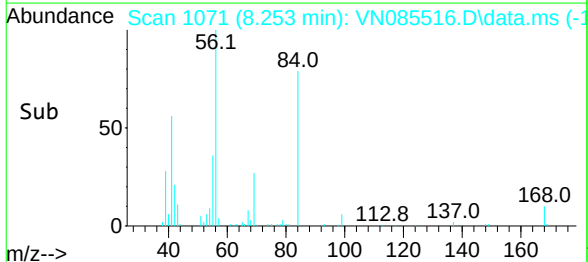
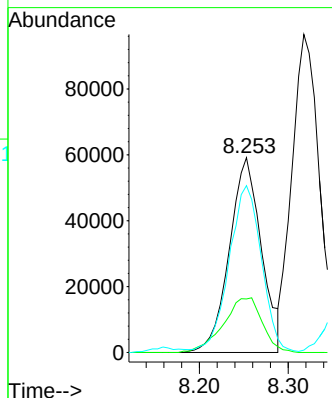
VSTDCCC050



Tgt Ion:	56	Resp:	148377
Ion	Ratio	Lower	Upper
56	100		
69	27.5	22.2	33.4
84	83.9	66.4	99.6

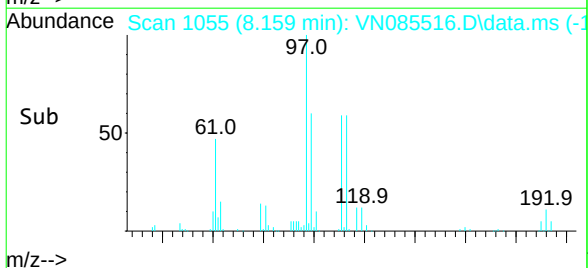
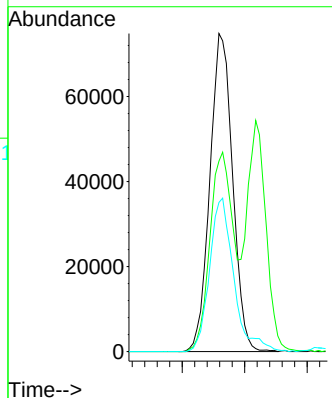
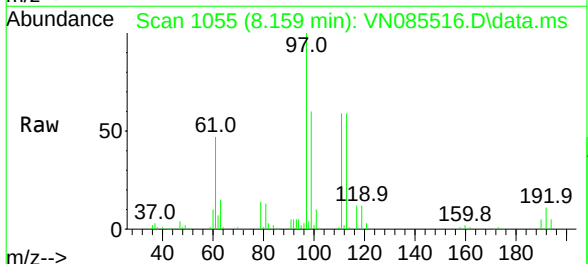
Manual Integrations
APPROVED

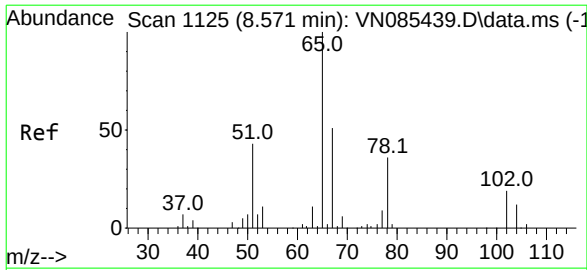
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#32
1,1,1-Trichloroethane
Concen: 49.141 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

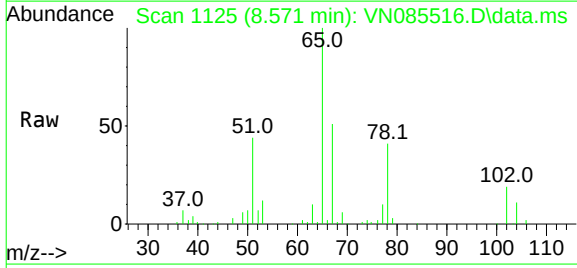
Tgt Ion:	97	Resp:	188991
Ion	Ratio	Lower	Upper
97	100		
99	62.6	49.8	74.6
61	51.4	41.4	62.2





#33
1,2-Dichloroethane-d4
Concen: 51.339 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

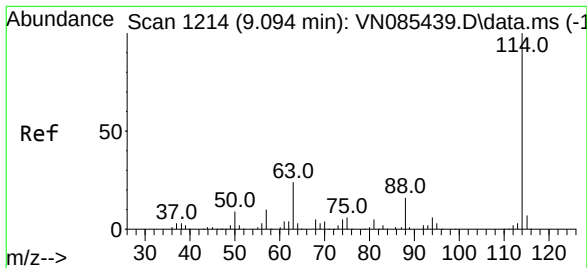
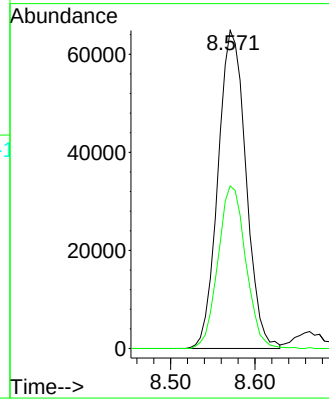
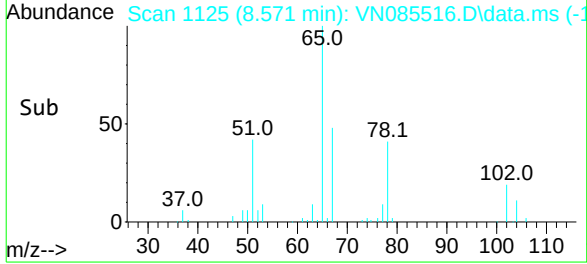
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



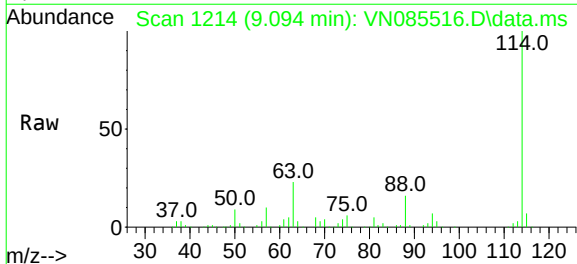
Tgt Ion: 65 Resp: 149158
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

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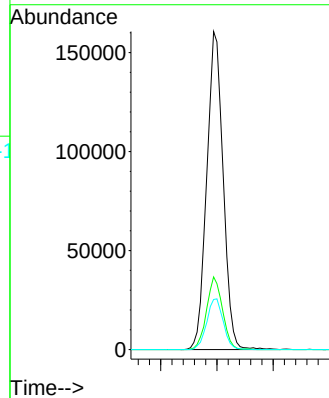
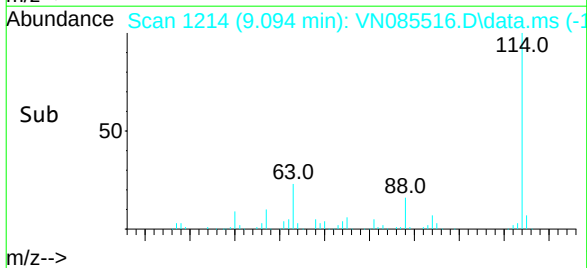
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

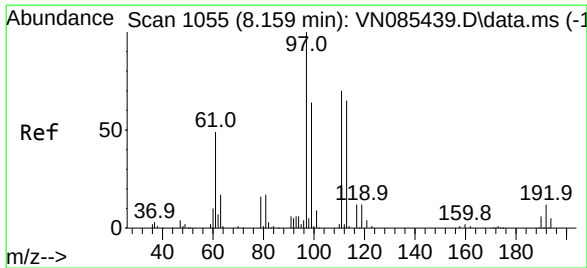


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50



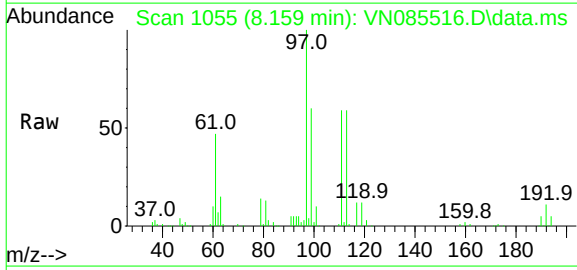
Tgt Ion:114 Resp: 325755
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.6
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.131 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

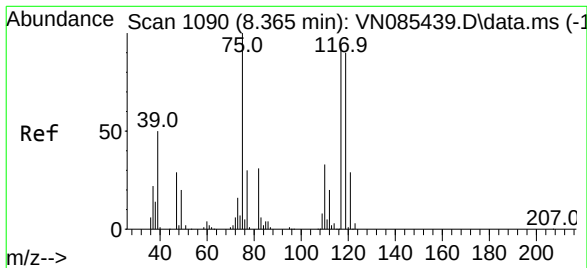
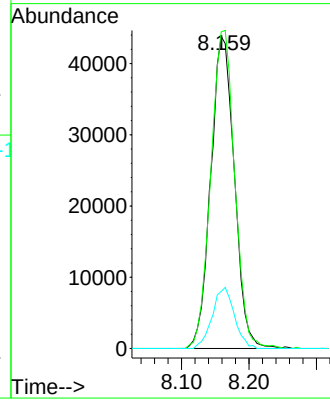
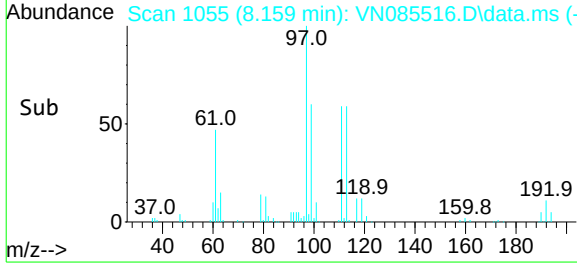
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



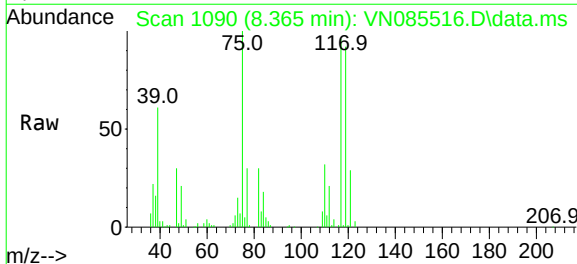
Tgt Ion: 113 Resp: 106514
Ion Ratio Lower Upper
113 100
111 103.3 82.7 124.1
192 18.3 14.3 21.5

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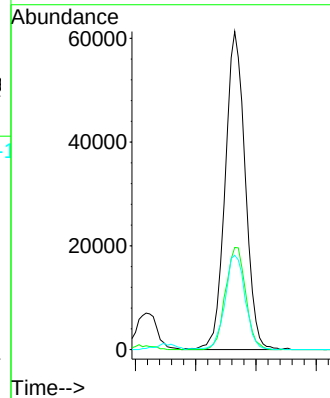
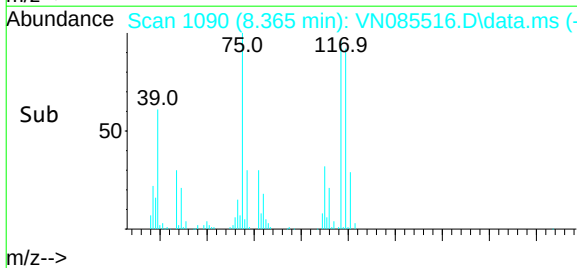
Reviewed By : John Carlone 01/28/2025
Supervised By : Mahesh Dadoda 01/28/2025

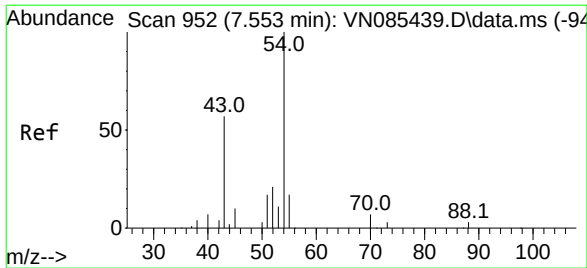


#36
1,1-Dichloropropene
Concen: 44.609 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50



Tgt Ion: 75 Resp: 141489
Ion Ratio Lower Upper
75 100
110 32.4 16.5 49.5
77 30.1 24.4 36.6





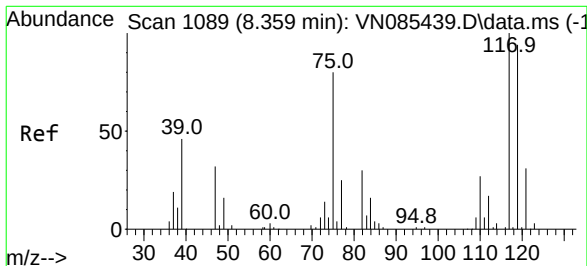
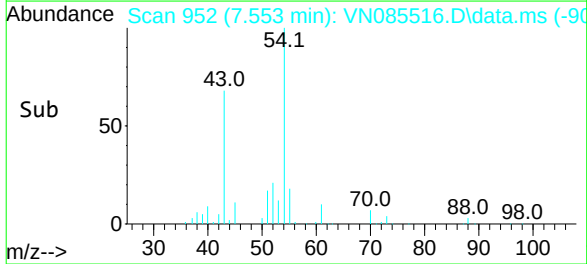
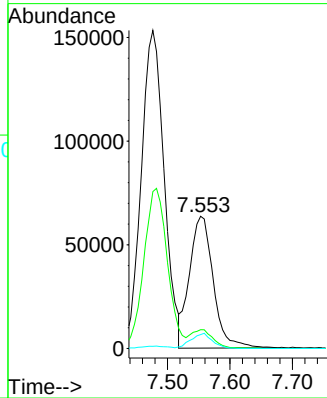
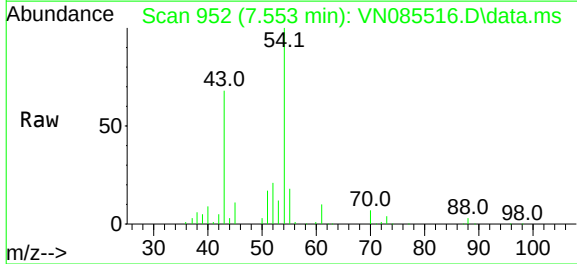
#37
Ethyl Acetate
Concen: 52.636 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	168512
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	10.3	7.5	11.3

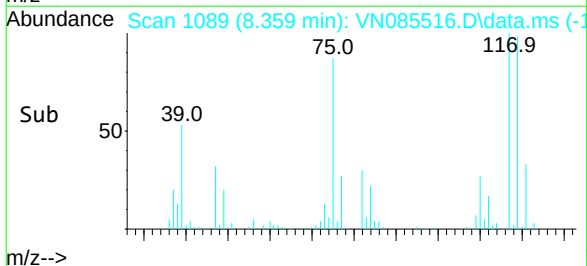
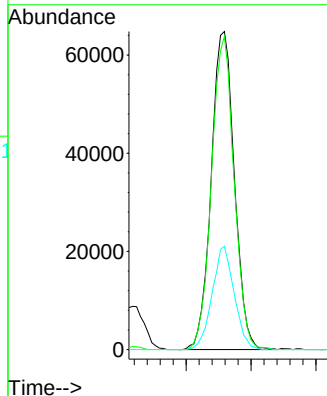
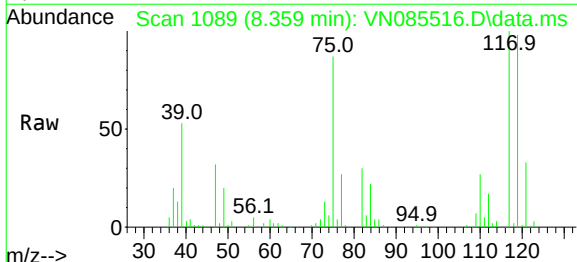
Manual Integrations
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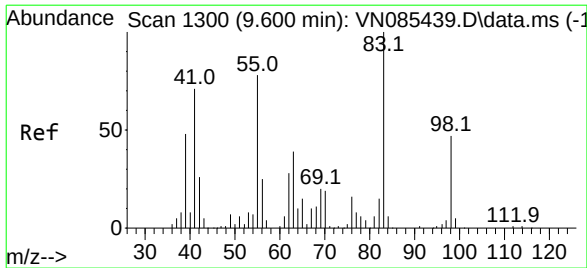
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#38
Carbon Tetrachloride
Concen: 44.219 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:	117	Resp:	160567
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.4	113.2
121	32.5	24.6	37.0





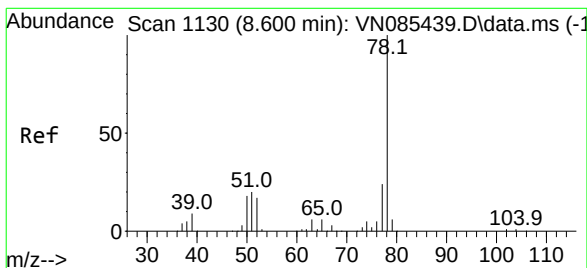
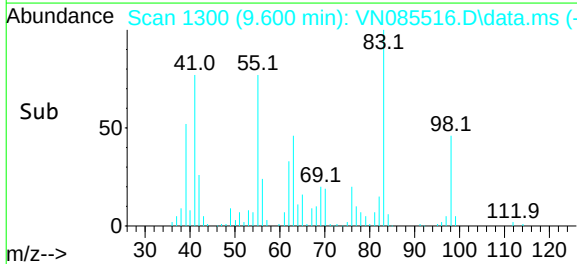
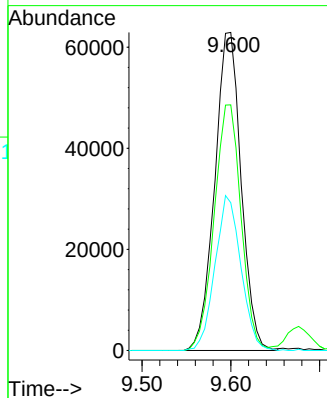
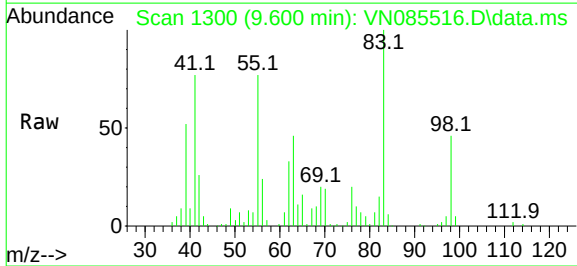
#39
Methylcyclohexane
Concen: 43.668 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 130155
Ion Ratio Lower Upper
83 100
55 77.2 62.6 94.0
98 46.5 37.7 56.5

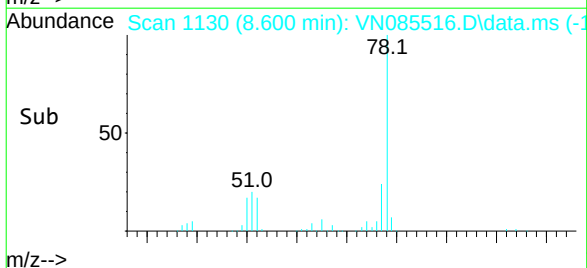
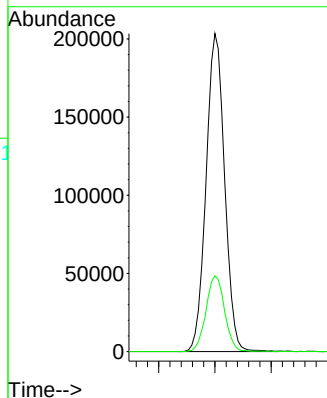
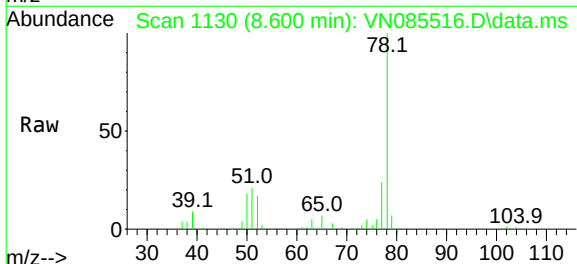
Manual Integrations
APPROVED

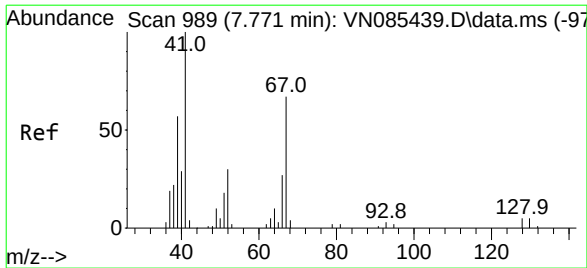
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#40
Benzene
Concen: 48.872 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 78 Resp: 465760
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





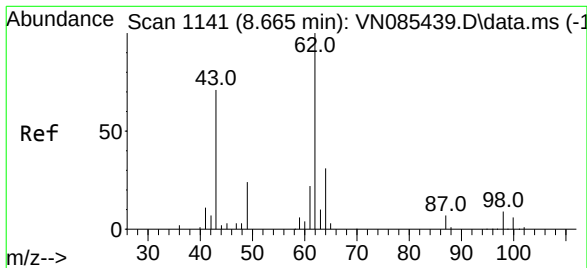
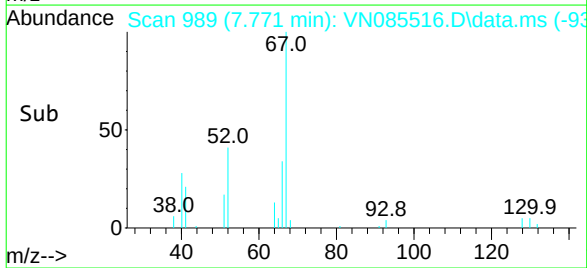
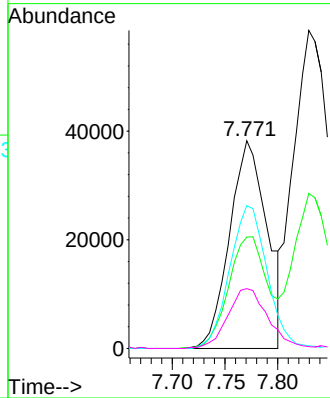
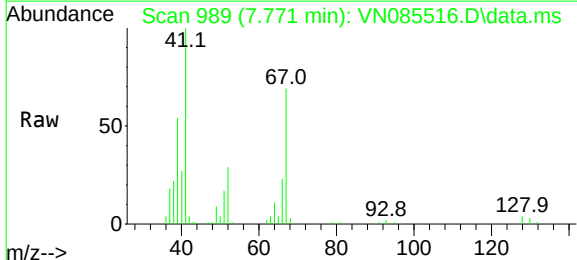
#41
Methacrylonitrile
Concen: 56.659 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	94372
Ion	Ratio	Lower	Upper
41	100		
39	56.1	46.0	69.0
67	69.4	57.4	86.2
52	30.9	25.5	38.3

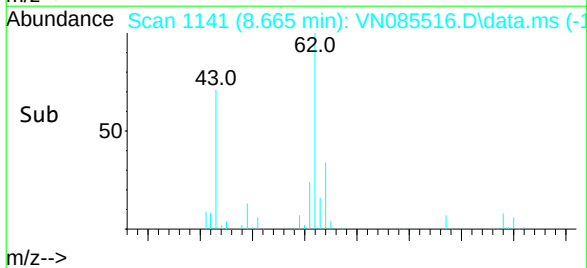
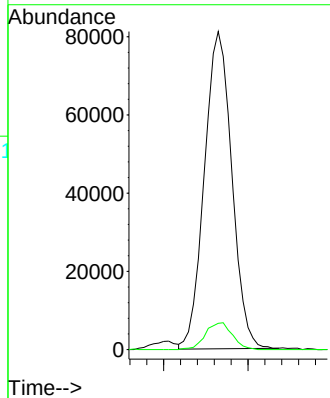
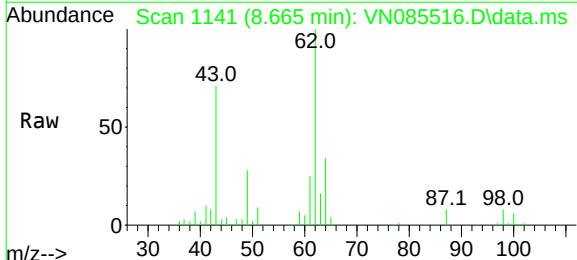
Manual Integrations
APPROVED

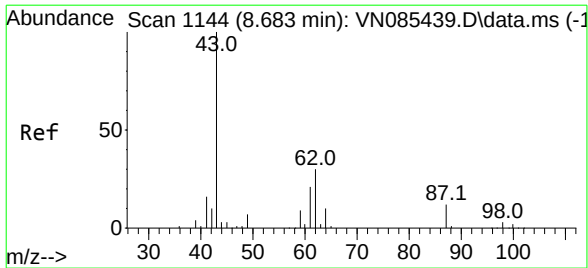
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#42
1,2-Dichloroethane
Concen: 51.070 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:	62	Resp:	183306
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





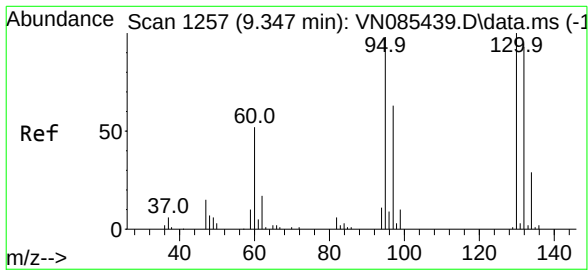
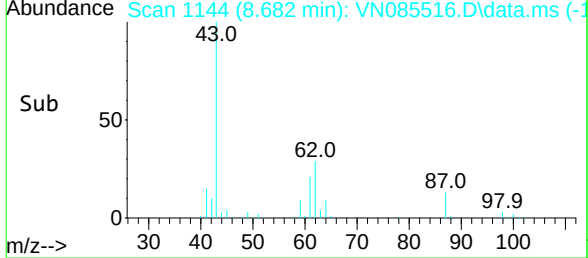
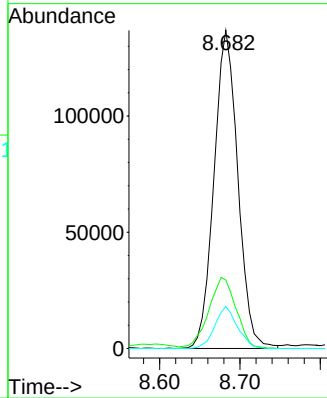
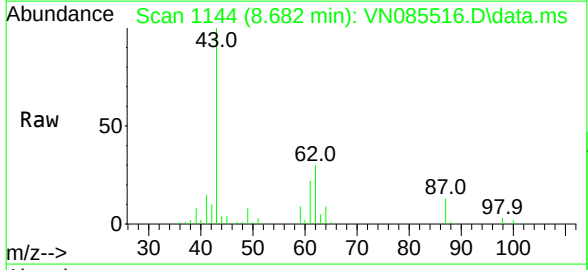
#43
Isopropyl Acetate
Concen: 54.960 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 281936
Ion Ratio Lower Upper
43 100
61 25.8 20.7 31.1
87 12.5 9.8 14.8

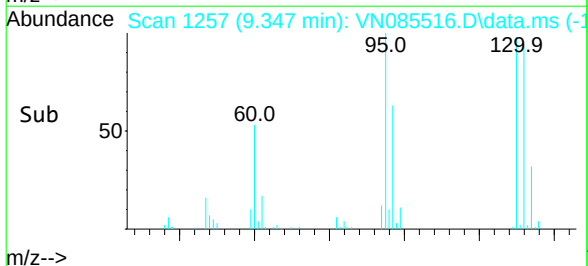
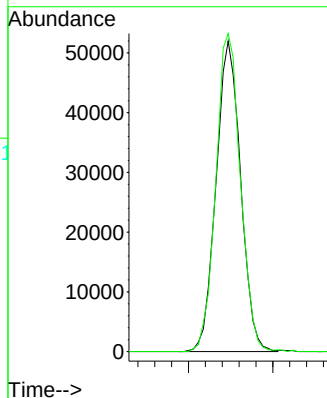
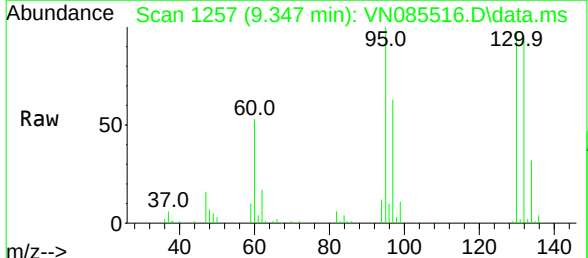
Manual Integrations
APPROVED

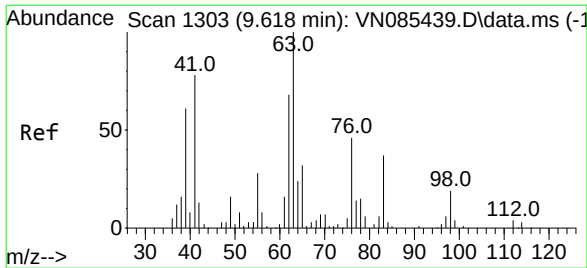
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#44
Trichloroethene
Concen: 47.381 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:130 Resp: 105110
Ion Ratio Lower Upper
130 100
95 102.4 0.0 195.8





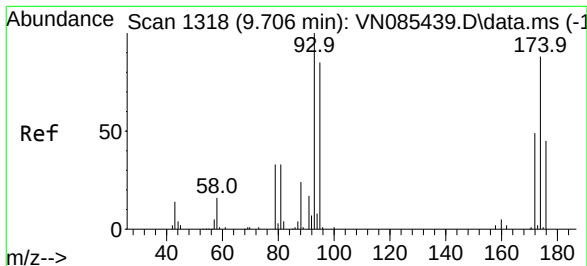
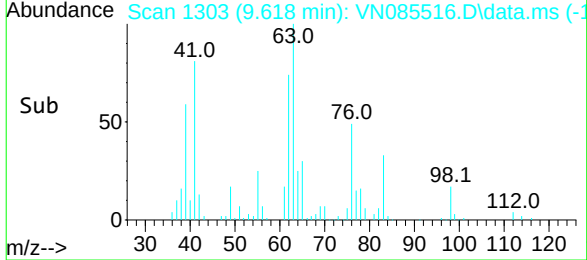
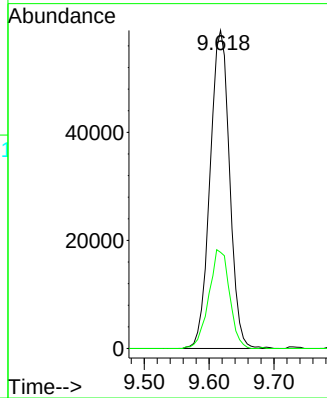
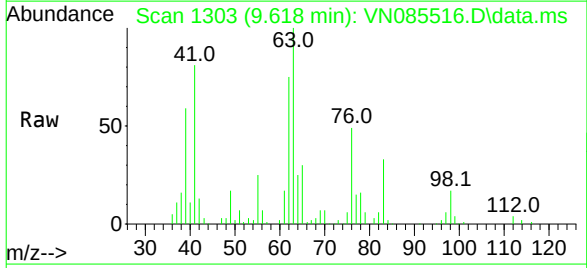
#45
1,2-Dichloropropane
Concen: 50.565 ug/l
RT: 9.618 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 123088
Ion Ratio Lower Upper
63 100
65 30.2 25.6 38.4

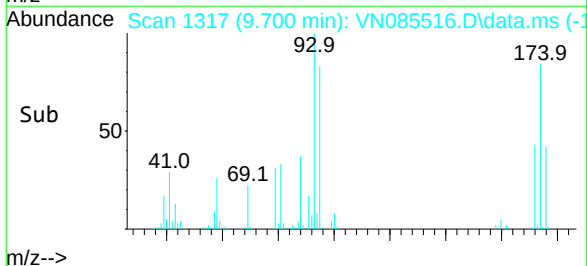
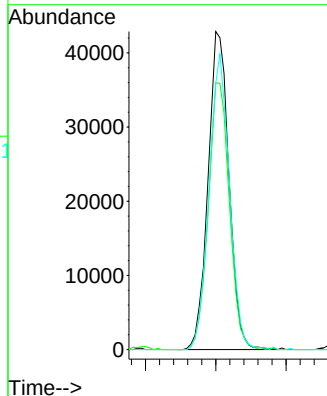
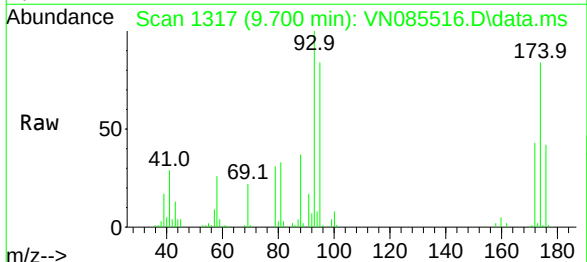
Manual Integrations
APPROVED

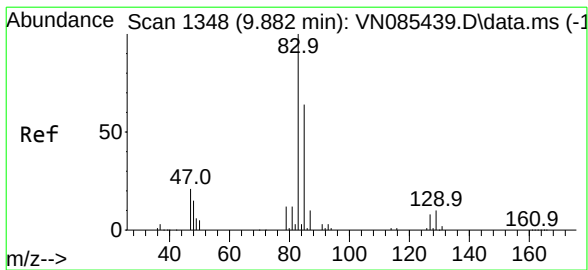
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#46
Dibromomethane
Concen: 50.387 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 93 Resp: 88504
Ion Ratio Lower Upper
93 100
95 84.6 64.7 97.1
174 91.1 69.0 103.4





#47

Bromodichloromethane

Concen: 53.106 ug/l

RT: 9.882 min Scan# 13

Delta R.T. 0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 190039

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

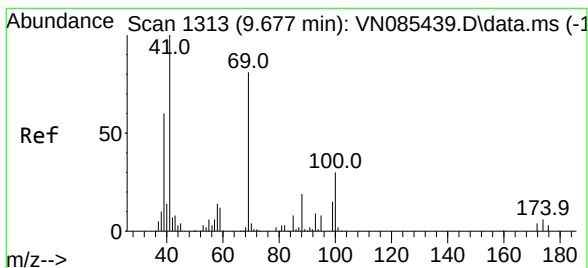
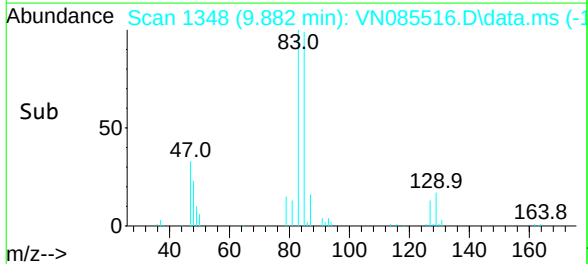
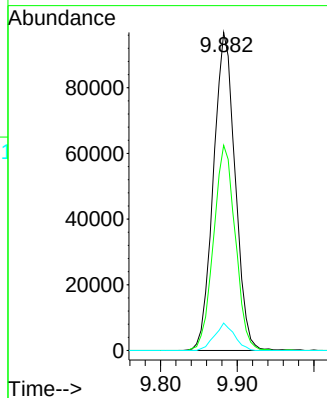
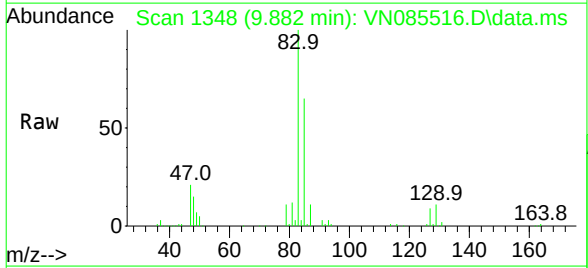
127 8.6 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#48

Methyl methacrylate

Concen: 57.400 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.001 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

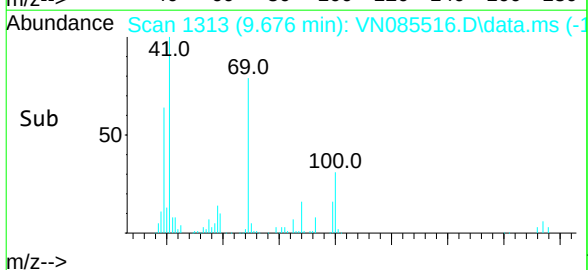
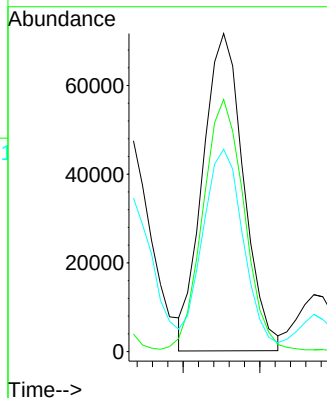
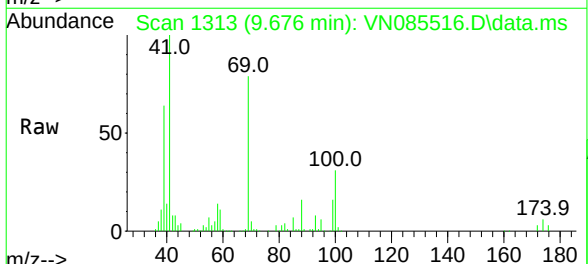
Tgt Ion: 41 Resp: 132510

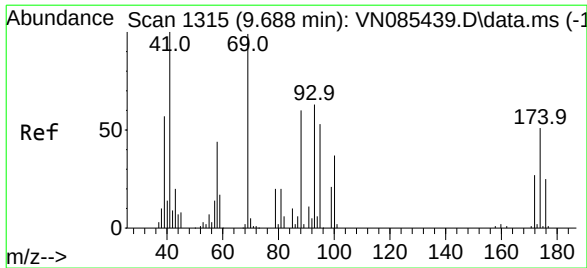
Ion Ratio Lower Upper

41 100

69 81.3 64.7 97.1

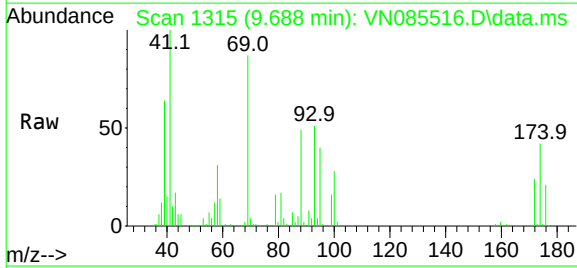
39 63.9 49.0 73.6





#49
1,4-Dioxane
Concen: 1046.827 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

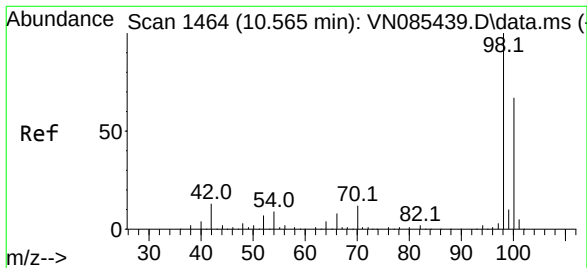
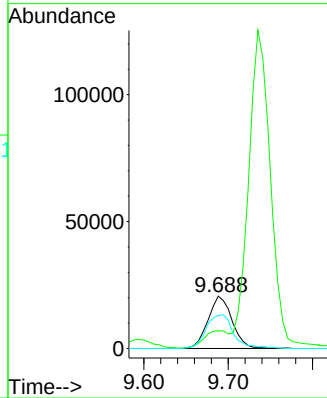
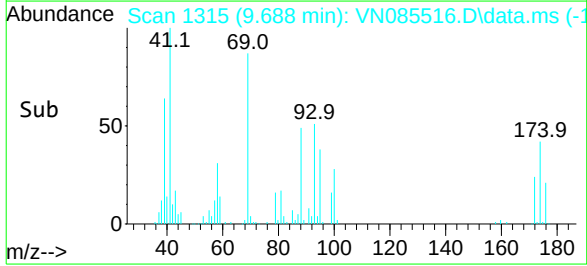
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 40696
Ion Ratio Lower Upper
88 100
43 33.0 26.6 39.8
58 73.8 59.5 89.3

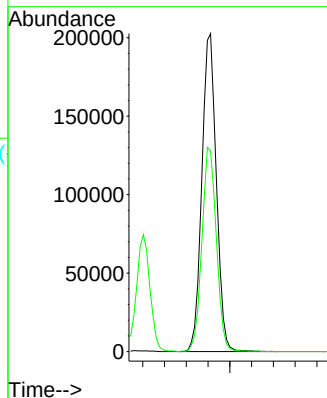
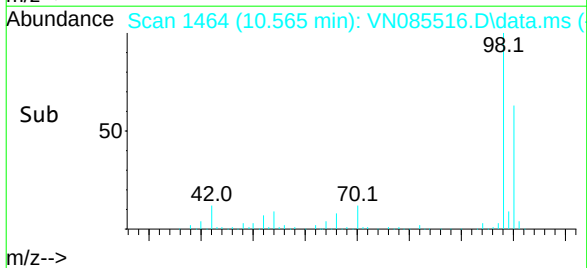
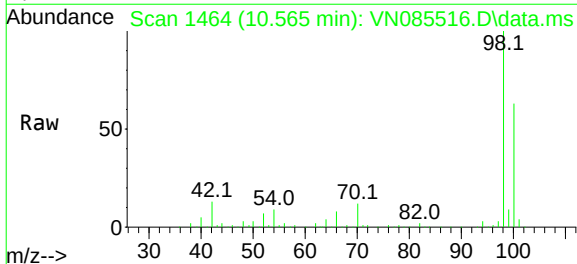
Manual Integrations
APPROVED

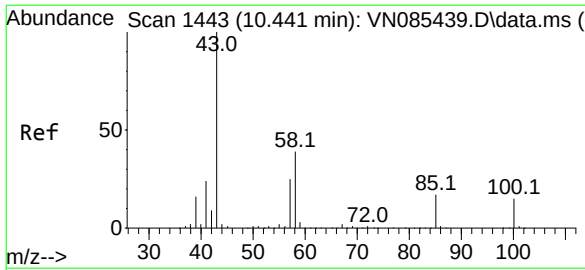
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#50
Toluene-d8
Concen: 46.653 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 98 Resp: 374598
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4





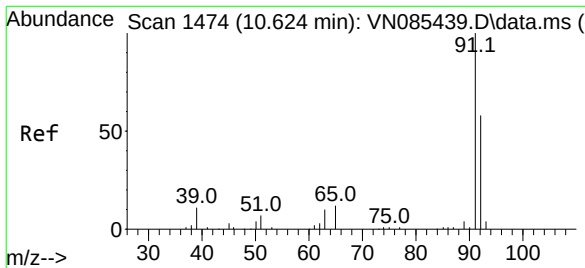
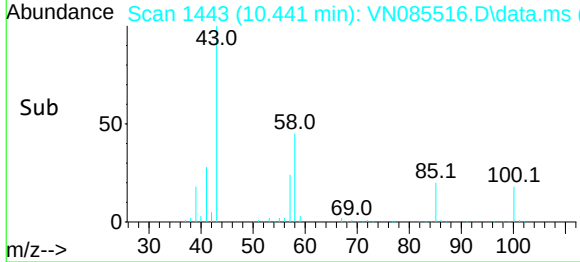
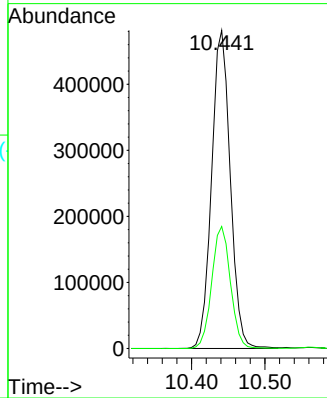
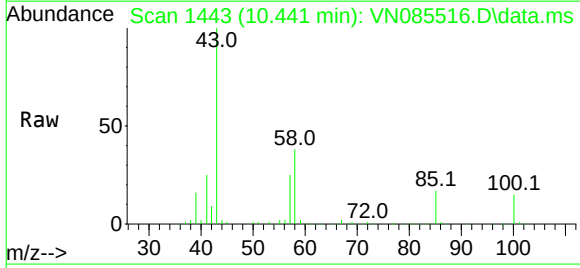
#51
4-Methyl-2-Pentanone
Concen: 286.205 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 851970
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7

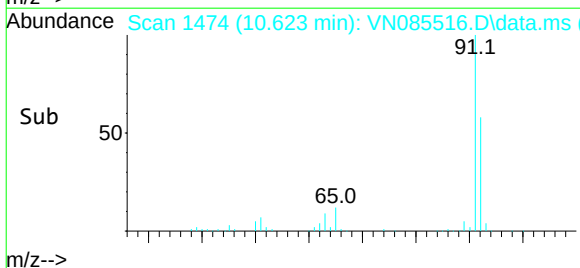
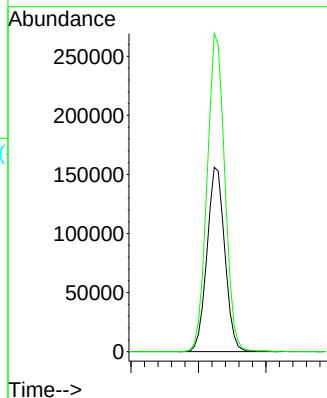
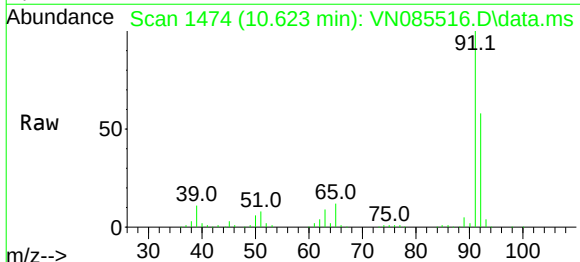
Manual Integrations
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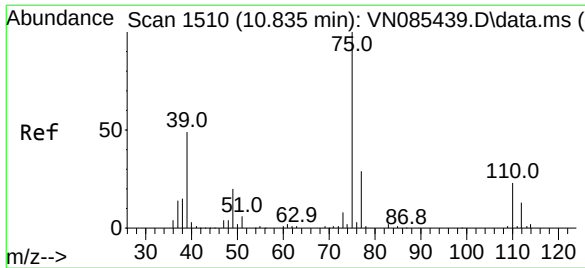
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#52
Toluene
Concen: 51.711 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.001 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

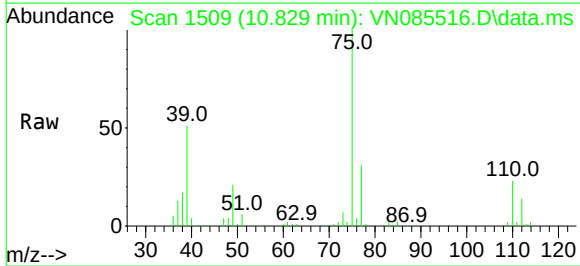
Tgt Ion: 92 Resp: 285545
Ion Ratio Lower Upper
92 100
91 171.8 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 56.226 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN085516.D
 Acq: 27 Jan 2025 14:50

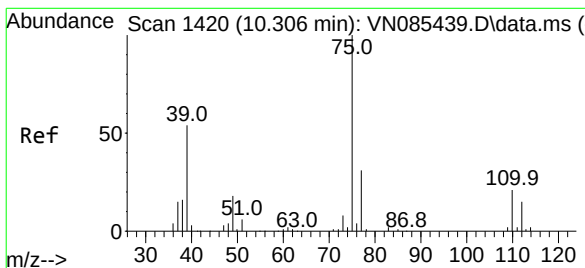
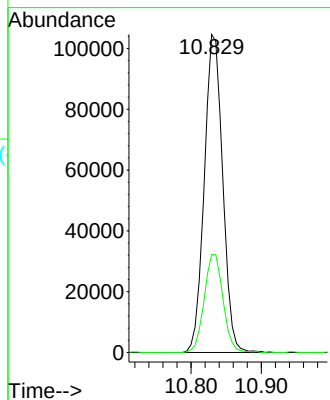
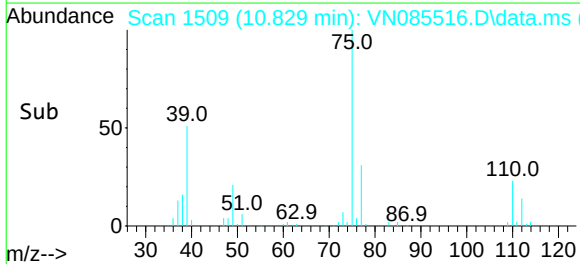
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



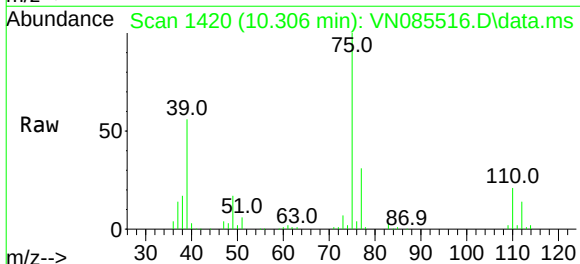
Tgt Ion: 75 Resp: 190140
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.5 35.3

Manual Integrations
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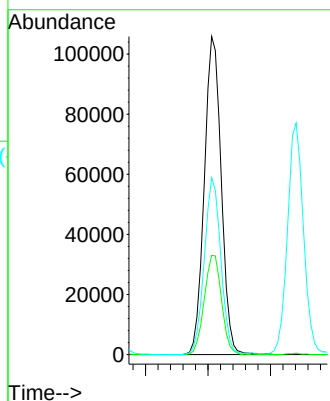
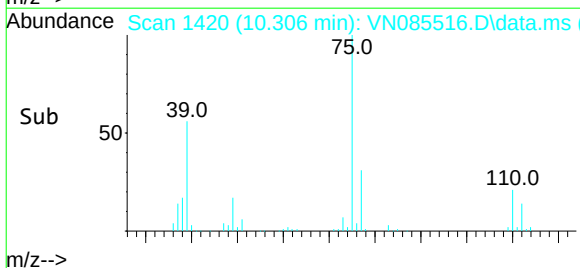
Reviewed By :John Carlone 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

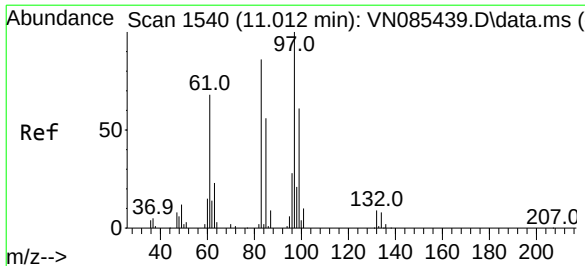


#54
 cis-1,3-Dichloropropene
 Concen: 55.257 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN085516.D
 Acq: 27 Jan 2025 14:50



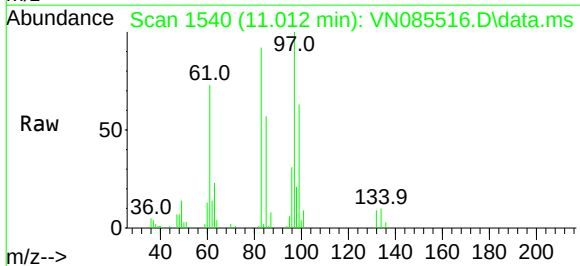
Tgt Ion: 75 Resp: 199604
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 55.6 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 53.253 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

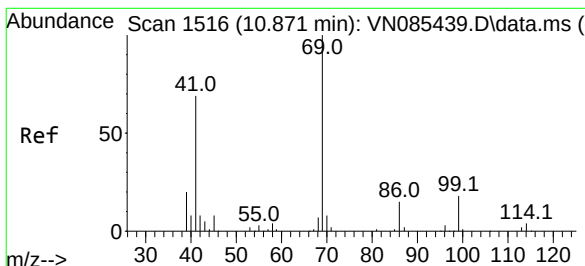
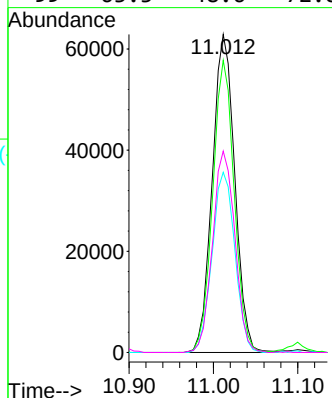
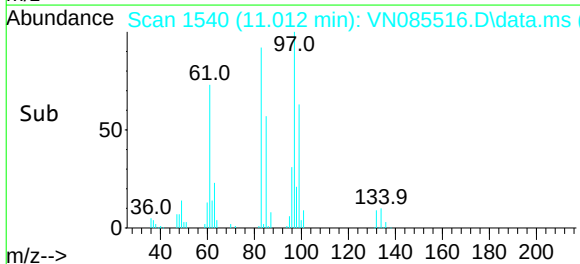
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.9	69.0	103.6
85	56.7	44.6	66.8
99	63.3	48.6	72.8

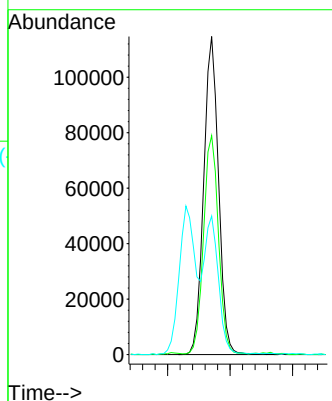
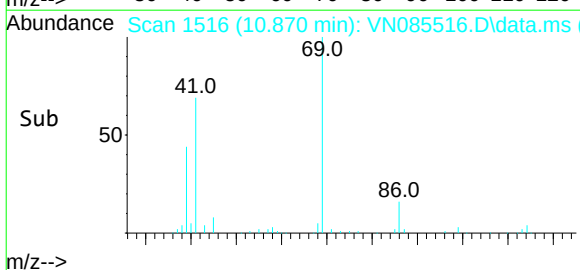
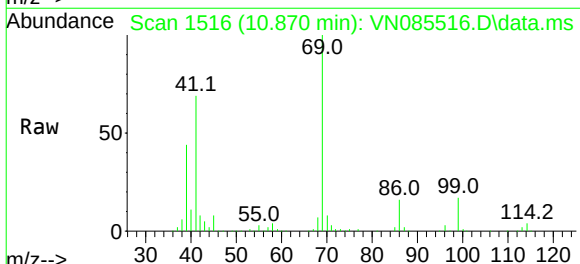
Manual Integrations
APPROVED

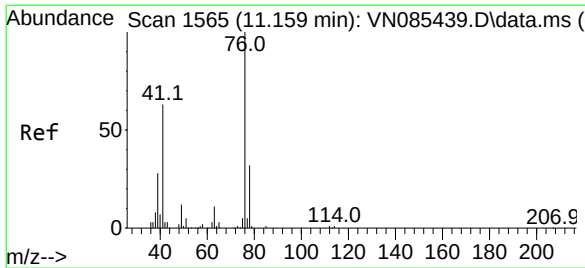
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#56
Ethyl methacrylate
Concen: 51.325 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

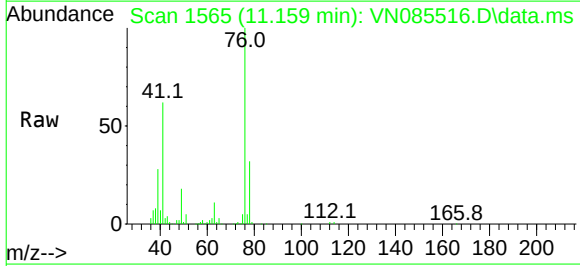
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.6	82.0
39	40.0	32.4	48.6





#57
1,3-Dichloropropane
Concen: 54.178 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

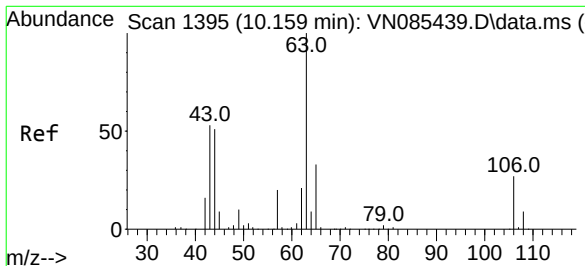
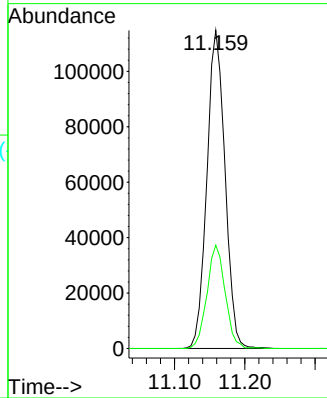
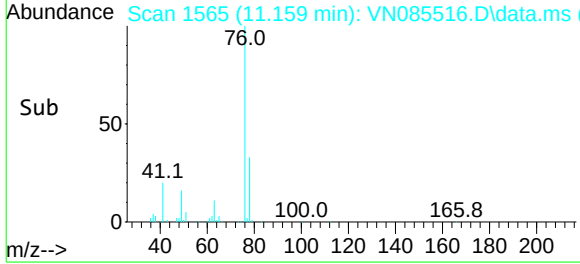
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 205868
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

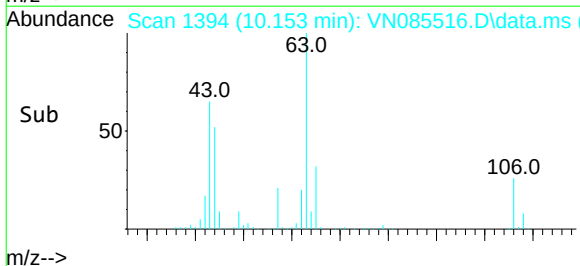
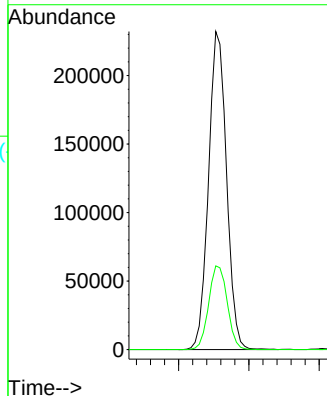
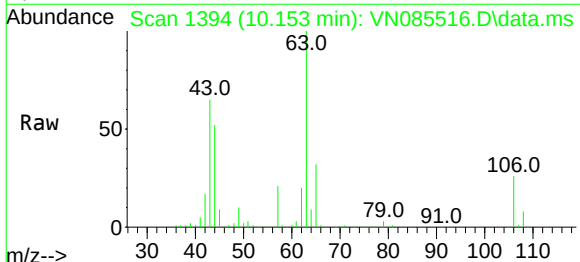
Manual Integrations
APPROVED

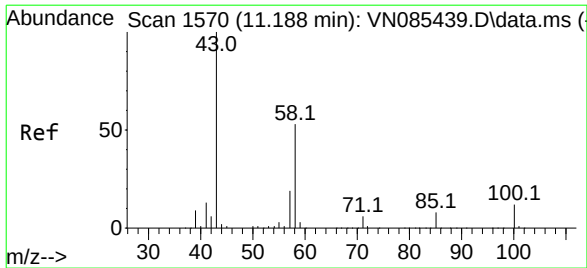
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 298.097 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 63 Resp: 413395
Ion Ratio Lower Upper
63 100
106 27.1 21.6 32.4





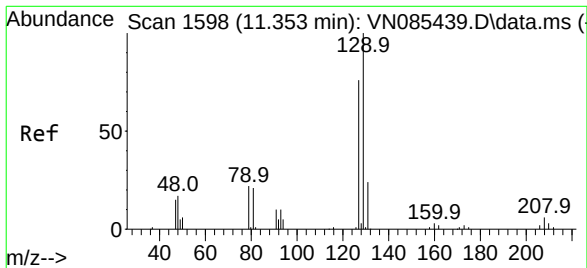
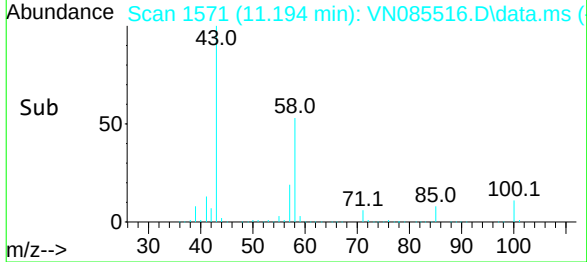
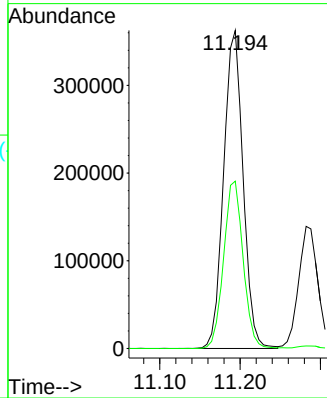
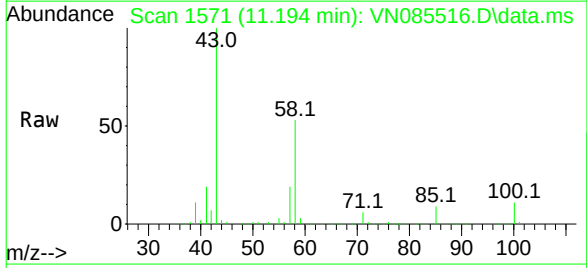
#59
2-Hexanone
Concen: 291.243 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 610023
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.6

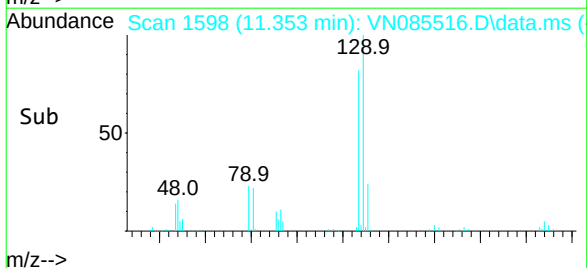
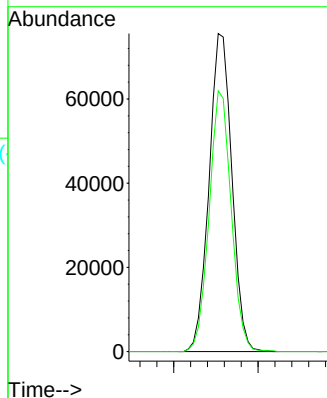
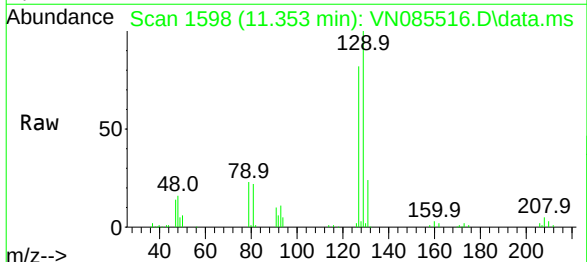
Manual Integrations
APPROVED

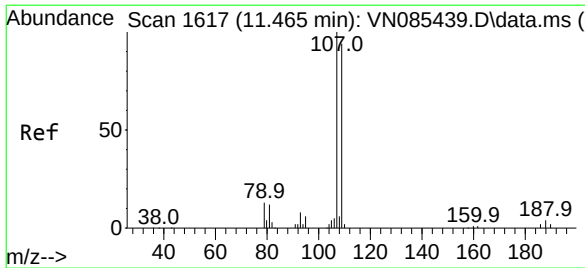
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#60
Dibromochloromethane
Concen: 53.886 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

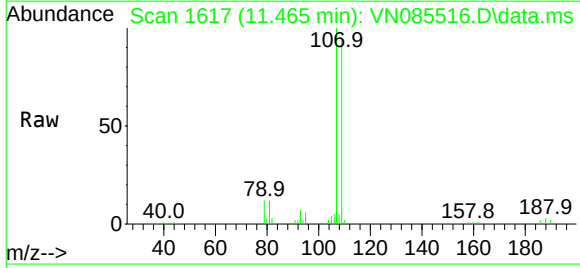
Tgt Ion:129 Resp: 142167
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.477 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

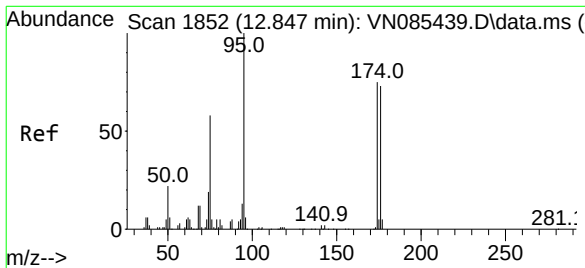
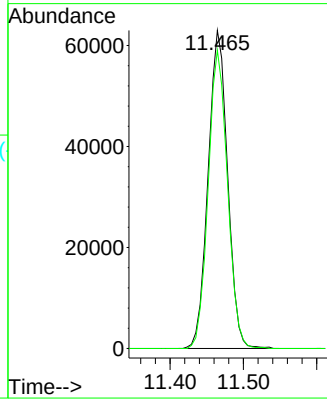
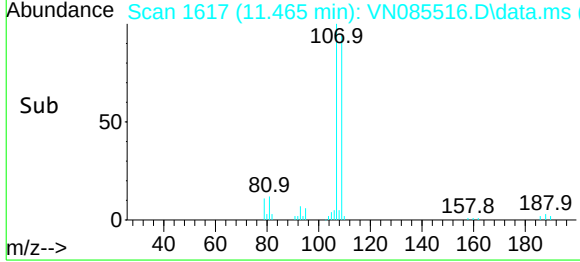
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 116327
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9

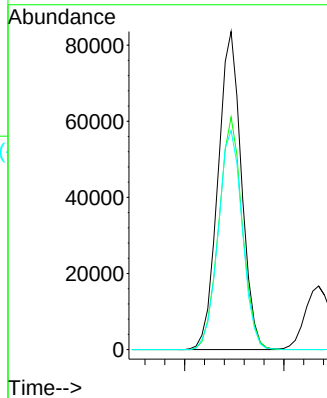
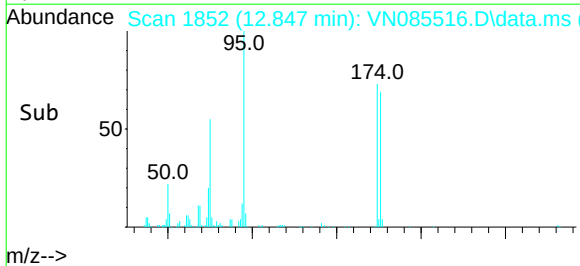
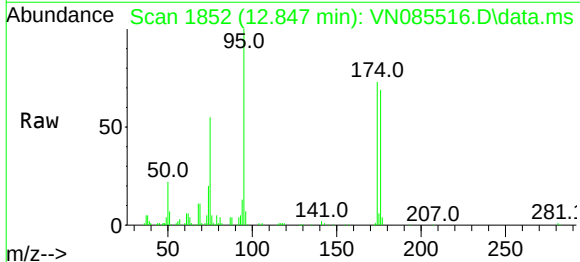
Manual Integrations
APPROVED

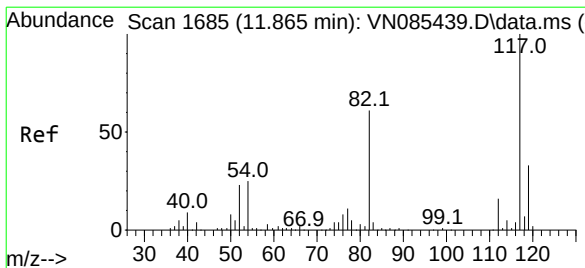
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#62
4-Bromofluorobenzene
Concen: 49.932 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 95 Resp: 137149
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 70.7 0.0 142.4





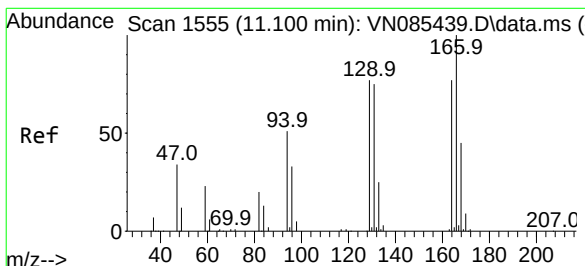
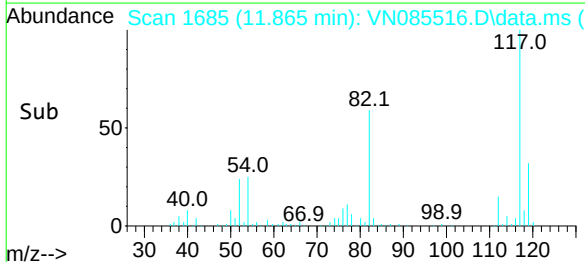
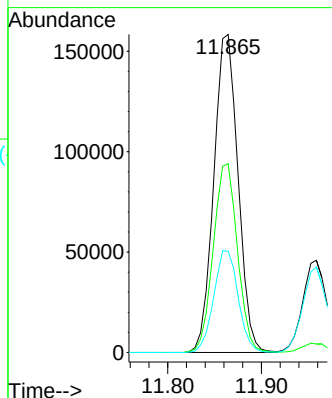
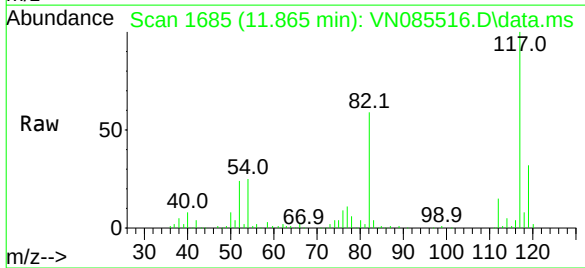
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 284425
Ion Ratio Lower Upper
117 100
82 59.3 48.6 72.8
119 31.8 26.6 39.8

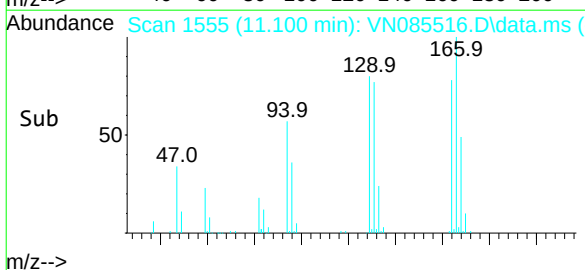
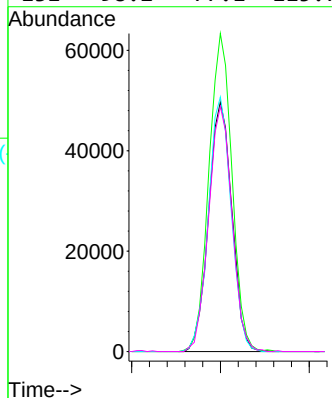
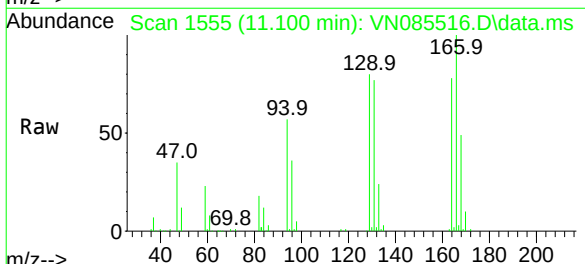
Manual Integrations
APPROVED

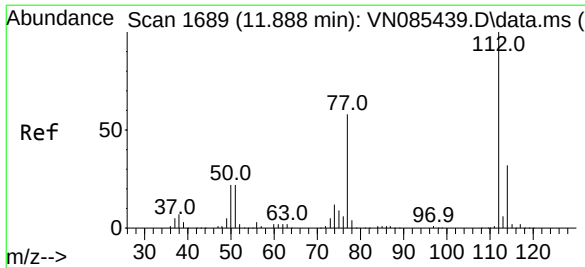
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#64
Tetrachloroethene
Concen: 46.937 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:164 Resp: 91013
Ion Ratio Lower Upper
164 100
166 127.4 103.4 155.2
129 102.0 79.2 118.8
131 98.2 77.1 115.7





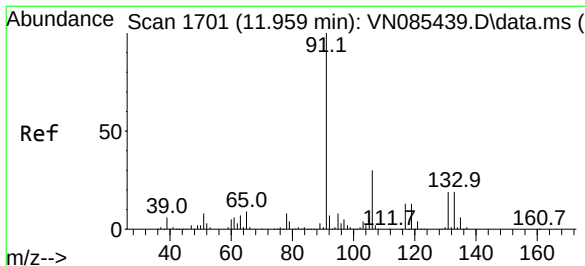
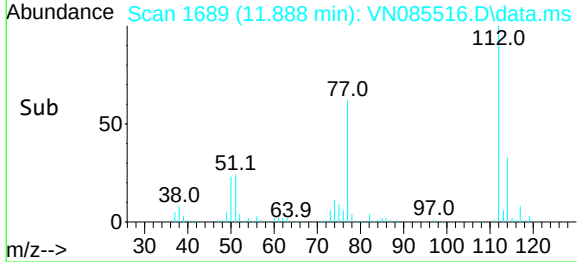
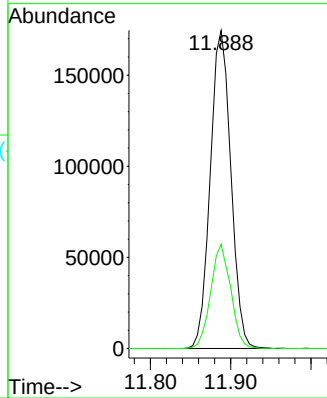
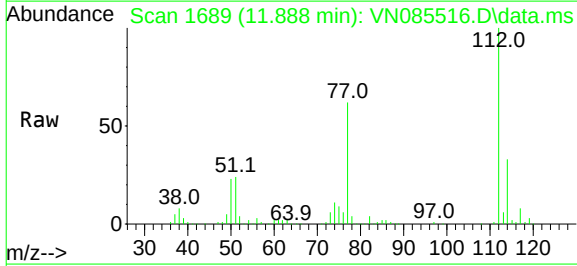
#65
Chlorobenzene
Concen: 49.960 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 311291
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9

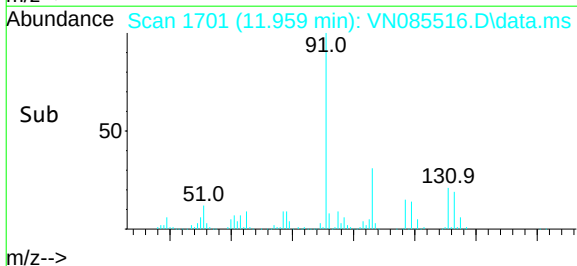
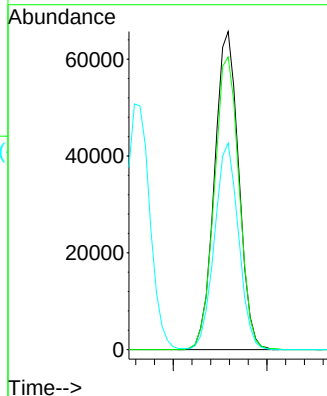
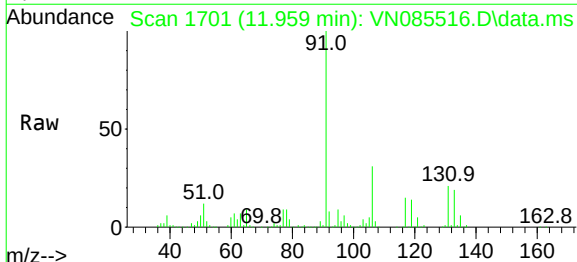
Manual Integrations
APPROVED

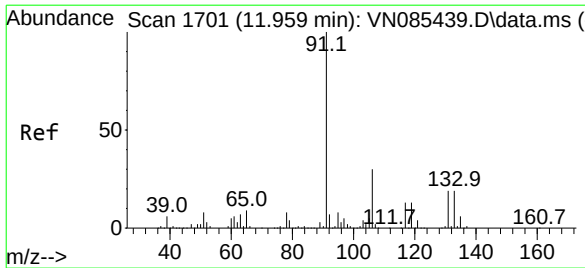
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.540 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:131 Resp: 117864
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.3
119 64.3 33.1 99.5





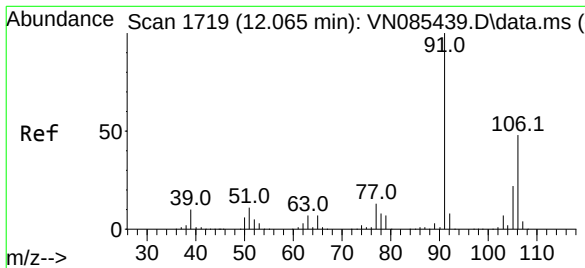
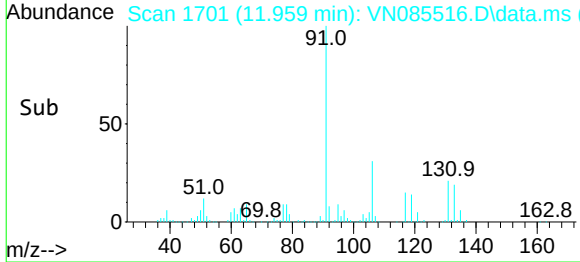
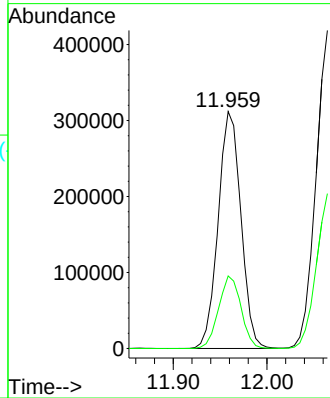
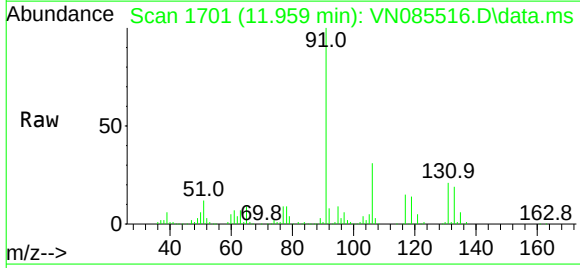
#67
Ethyl Benzene
Concen: 51.901 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 526713
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.8

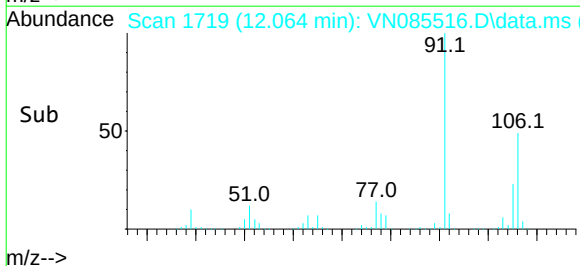
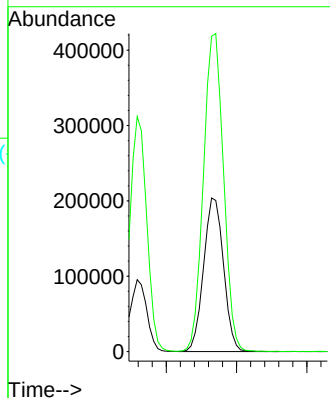
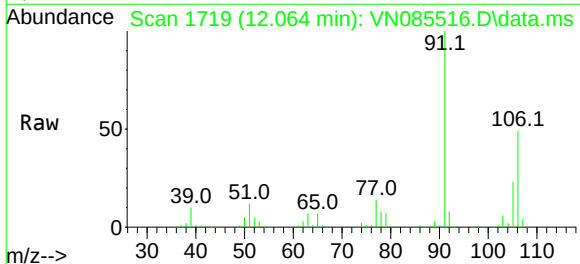
Manual Integrations
APPROVED

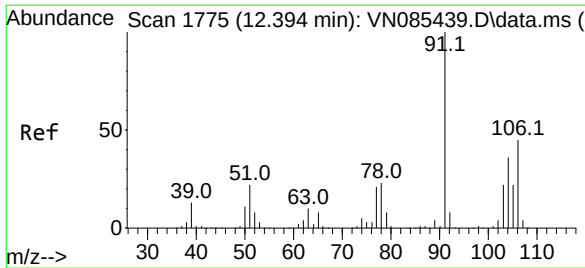
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#68
m/p-Xylenes
Concen: 106.992 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:106 Resp: 401289
Ion Ratio Lower Upper
106 100
91 208.9 167.7 251.5





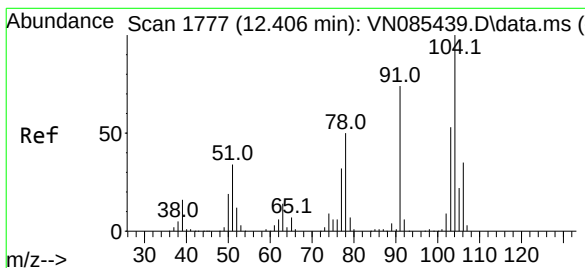
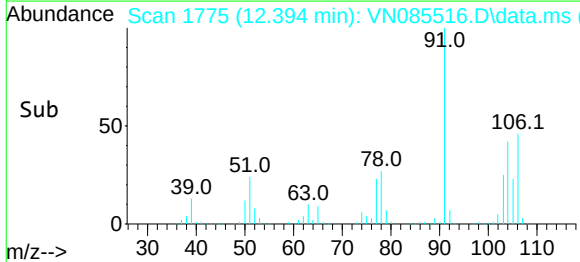
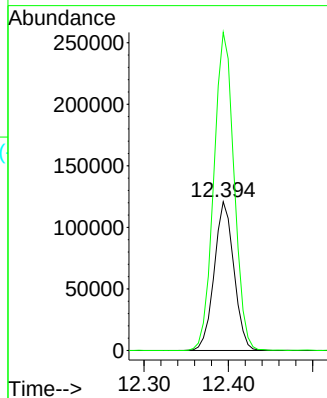
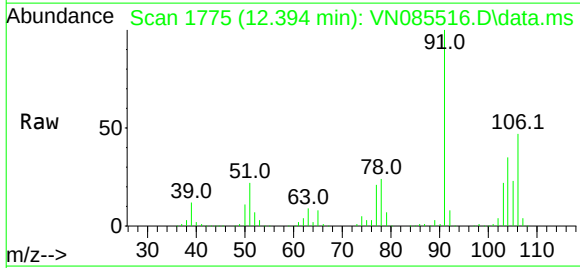
#69
o-Xylene
Concen: 54.703 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 196078
Ion Ratio Lower Upper
106 100
91 220.1 110.4 331.2

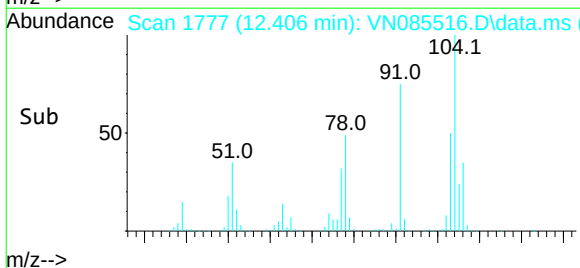
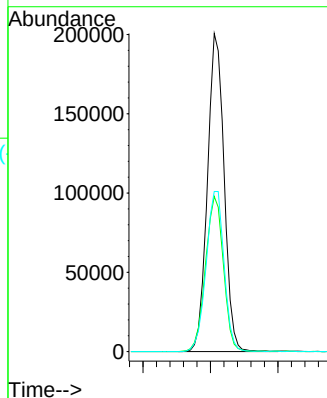
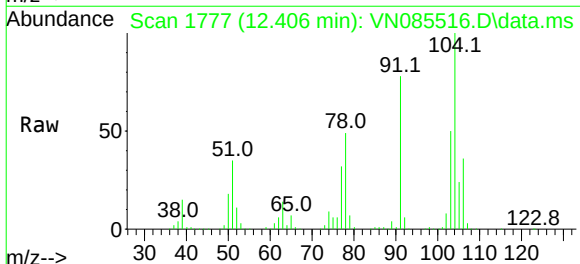
Manual Integrations
APPROVED

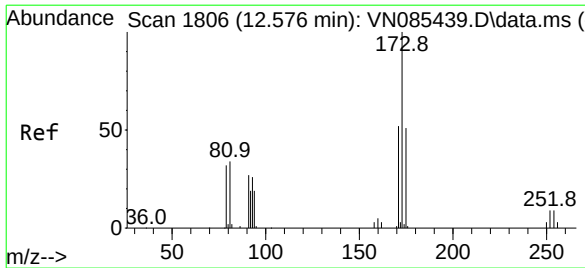
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#70
Styrene
Concen: 58.055 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:104 Resp: 344386
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 54.3 43.8 65.8





#71

Bromoform

Concen: 57.773 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

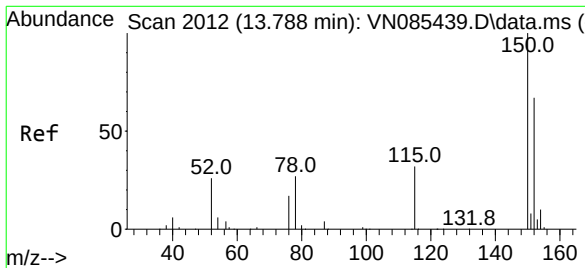
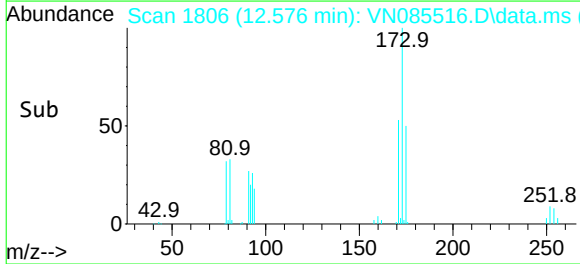
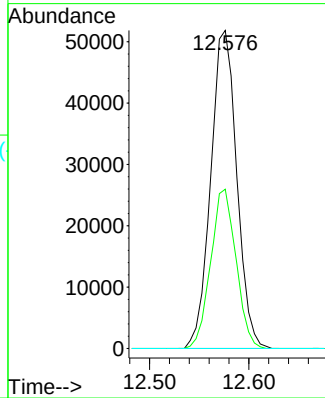
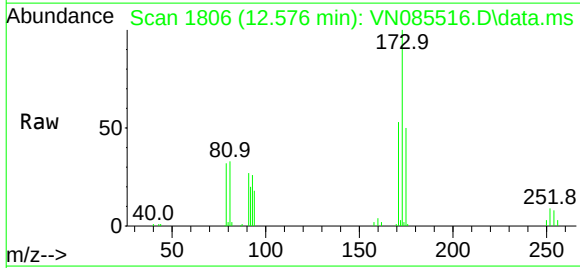
Tgt Ion:	173	Resp:	94532
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

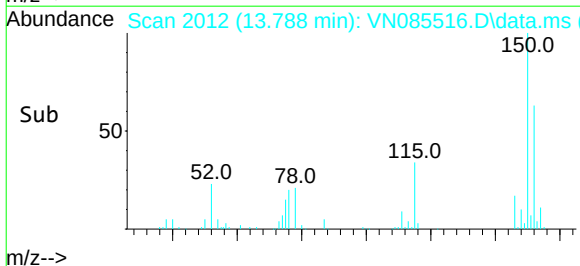
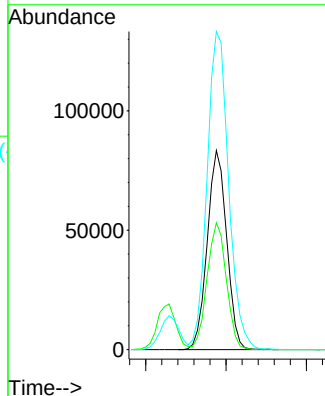
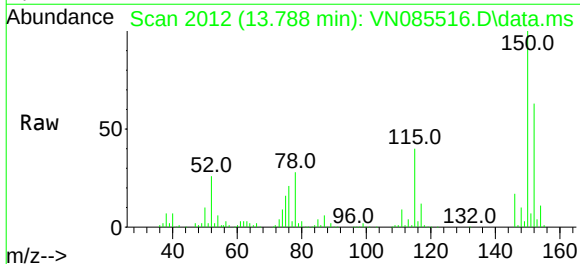
RT: 13.788 min Scan# 2012

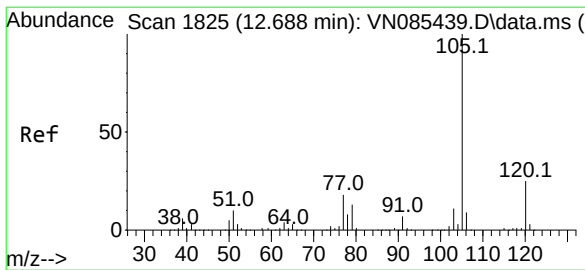
Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Tgt Ion:	152	Resp:	139987
Ion Ratio	Lower	Upper	
152	100		
115	63.1	31.1	93.3
150	176.6	0.0	343.6





#73

Isopropylbenzene

Concen: 50.579 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 477865

Ion Ratio Lower Upper

105 100

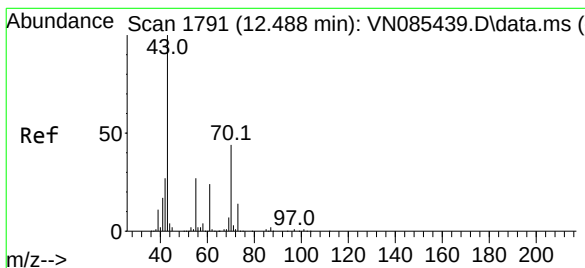
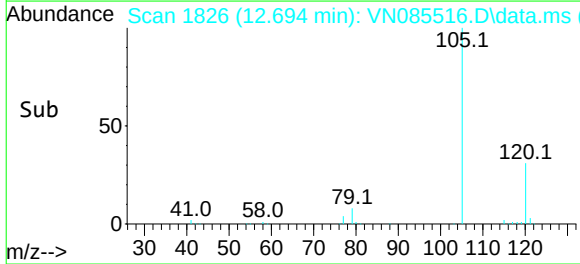
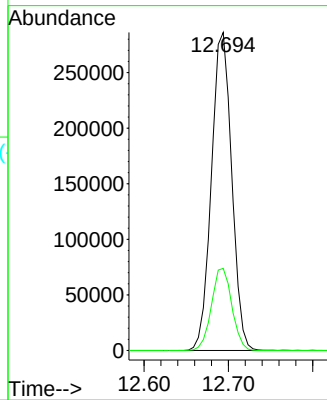
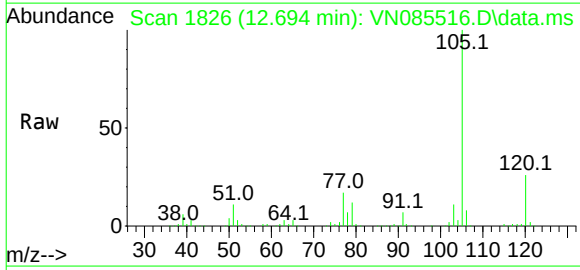
120 26.0 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#74

N-ethyl acetate

Concen: 56.596 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Tgt Ion: 43 Resp: 240341

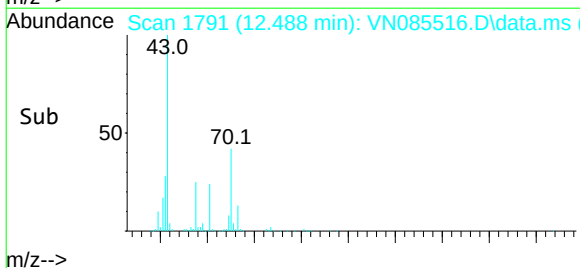
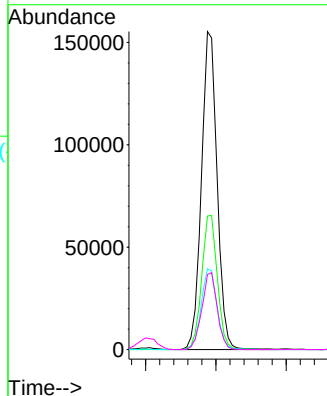
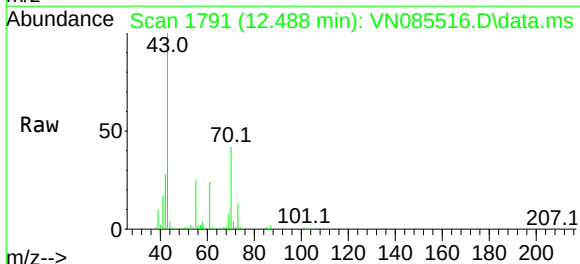
Ion Ratio Lower Upper

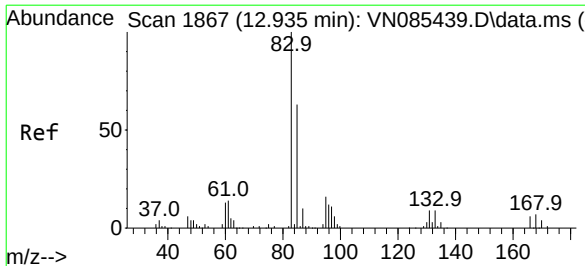
43 100

70 42.0 34.0 51.0

55 25.7 21.4 32.2

61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.447 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

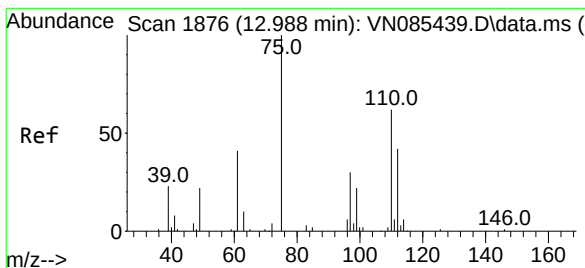
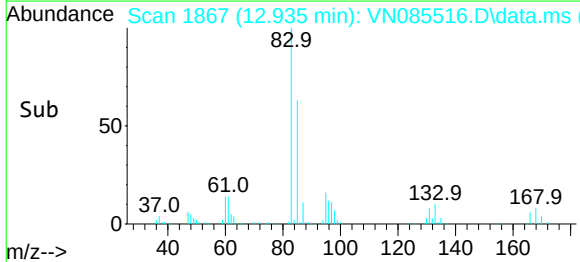
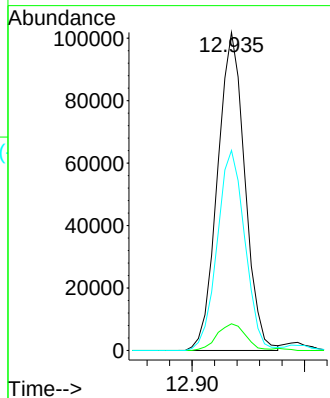
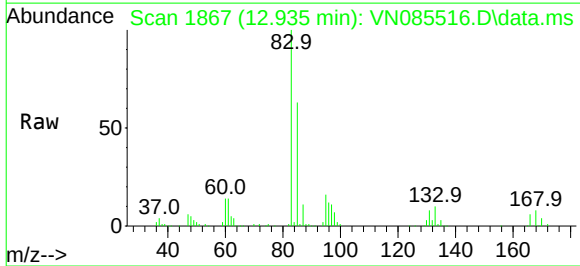
Tgt Ion:	83	Resp:	171698
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.4
85	63.7	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#76

1,2,3-Trichloropropane

Concen: 56.904 ug/l m

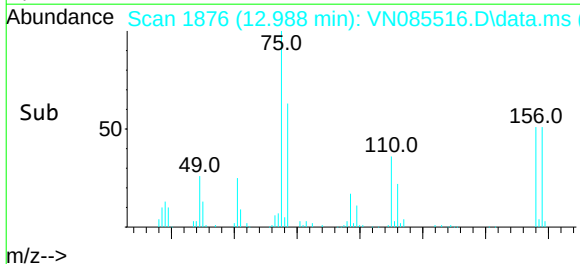
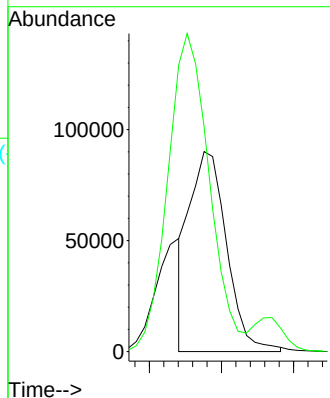
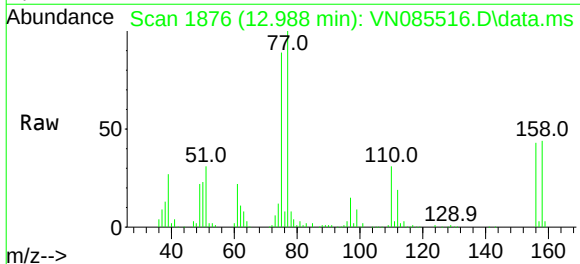
RT: 12.988 min Scan# 1876

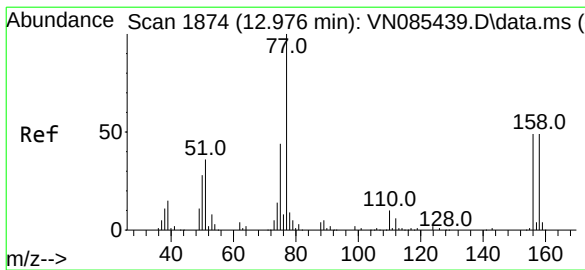
Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

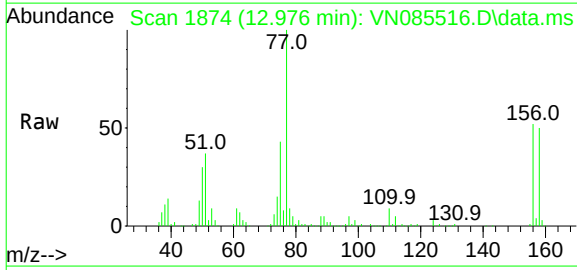
Tgt Ion:	75	Resp:	161908
Ion	Ratio	Lower	Upper
75	100		
77	177.9	109.7	329.2





#77
Bromobenzene
Concen: 51.493 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

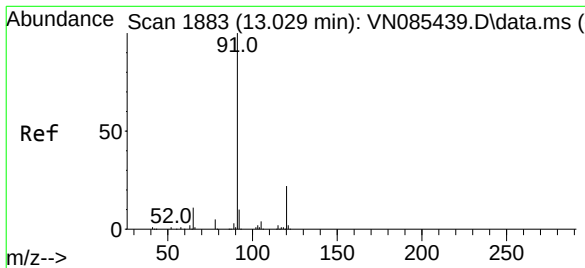
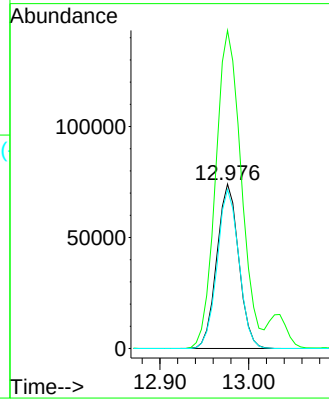
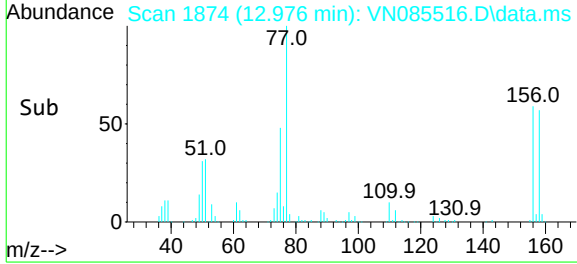
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 127105
Ion Ratio Lower Upper
156 100
77 226.6 114.1 342.4
158 95.8 48.9 146.8

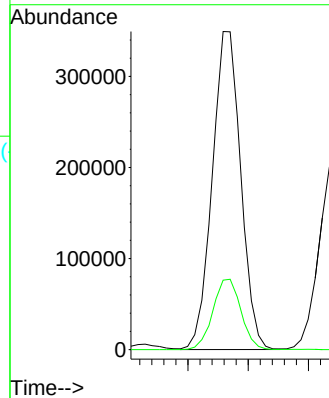
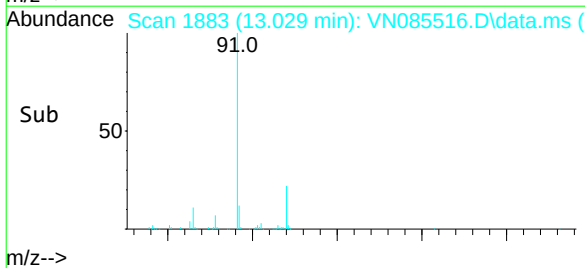
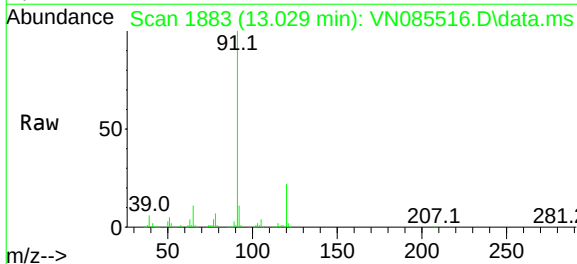
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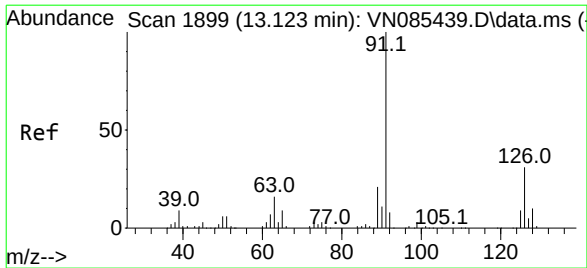
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#78
n-propylbenzene
Concen: 51.306 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 91 Resp: 573848
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





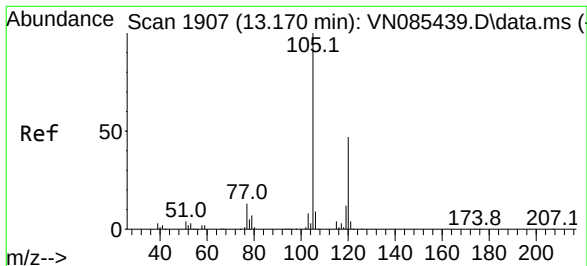
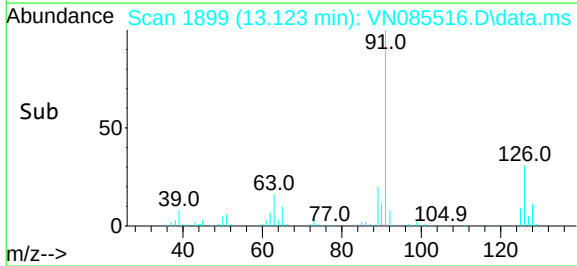
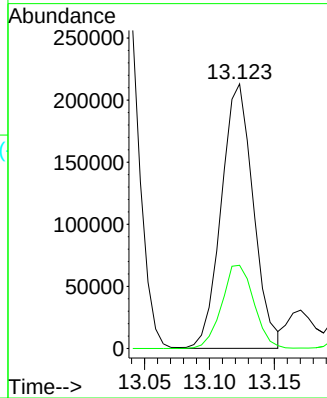
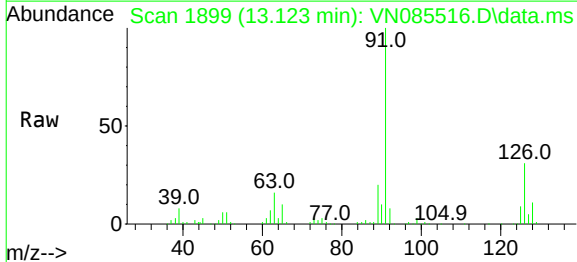
#79
2-Chlorotoluene
Concen: 50.647 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 366620
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.1

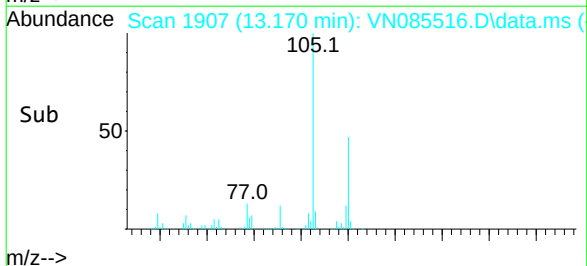
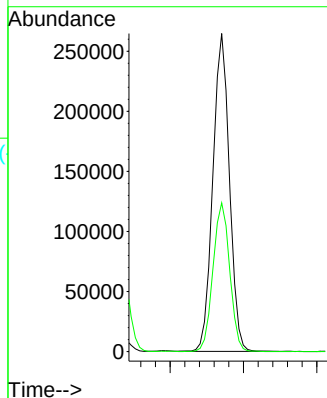
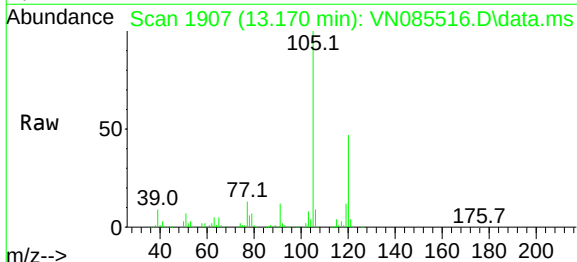
Manual Integrations
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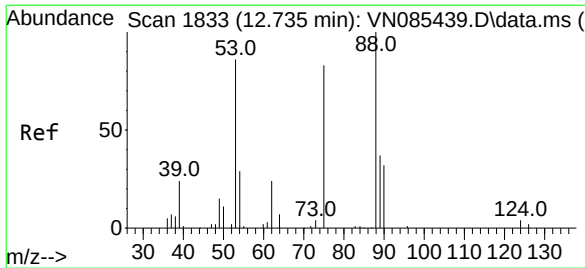
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.097 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

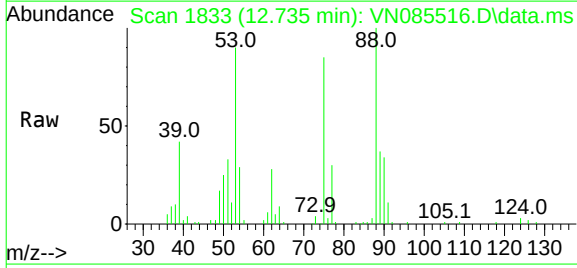
Tgt Ion:105 Resp: 414375
Ion Ratio Lower Upper
105 100
120 47.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.364 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

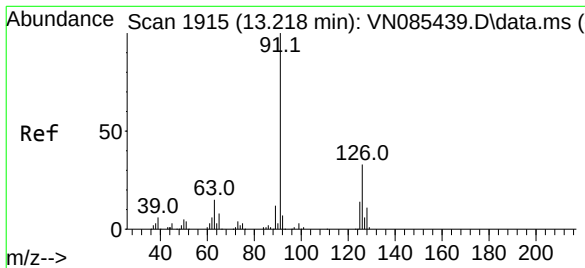
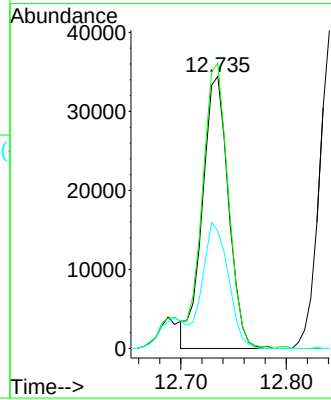
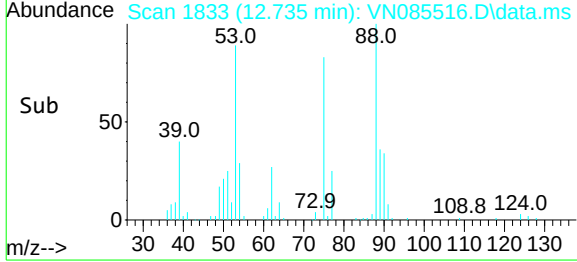
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion: 75 Resp: 59274
Ion Ratio Lower Upper
75 100
53 115.1 95.6 143.4
89 46.0 37.0 55.6

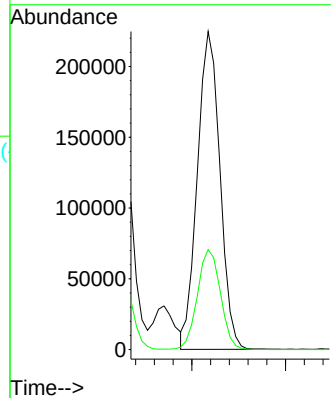
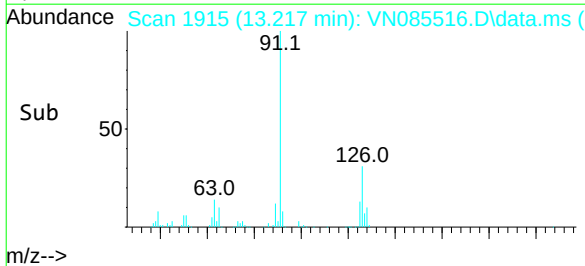
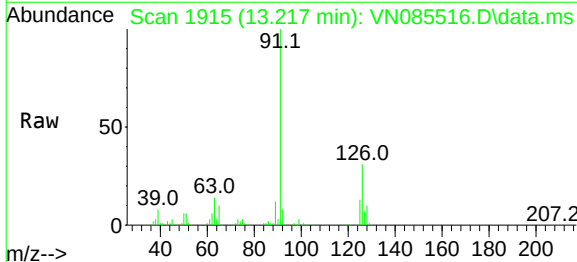
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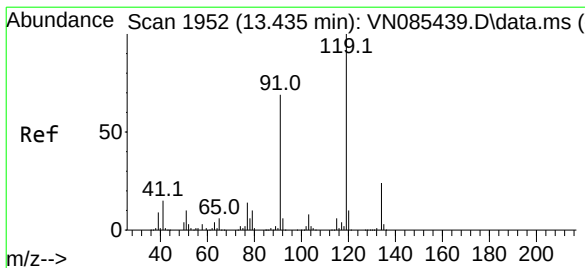
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#82
4-Chlorotoluene
Concen: 52.054 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion: 91 Resp: 375177
Ion Ratio Lower Upper
91 100
126 32.1 15.9 47.7





#83

tert-Butylbenzene

Concen: 50.940 ug/l

RT: 13.435 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 333841

Ion Ratio Lower Upper

119 100

91 70.2 35.1 105.3

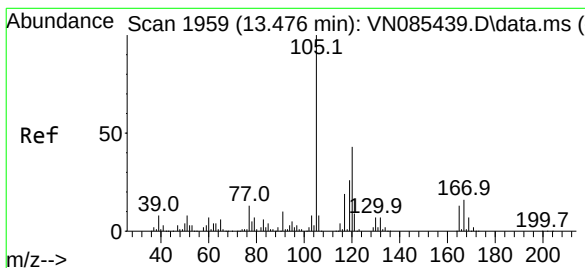
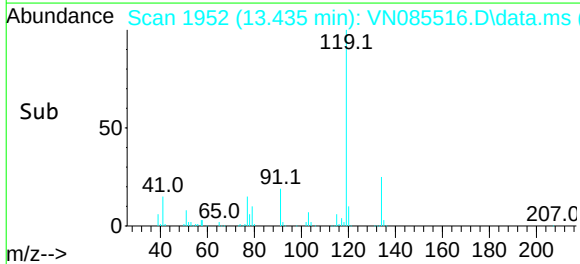
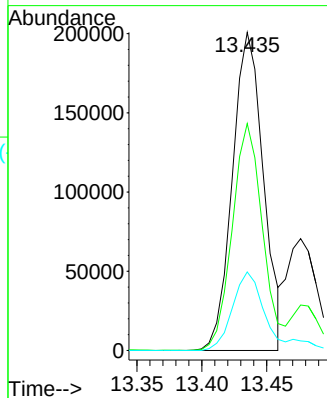
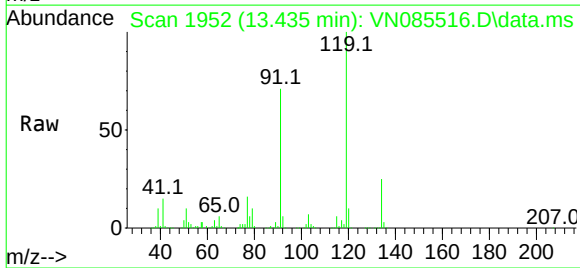
134 24.4 12.0 36.1

Manual Integrations

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Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.525 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN085516.D

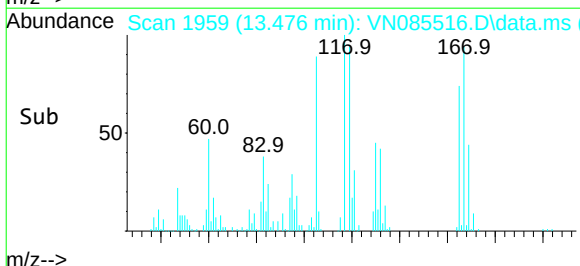
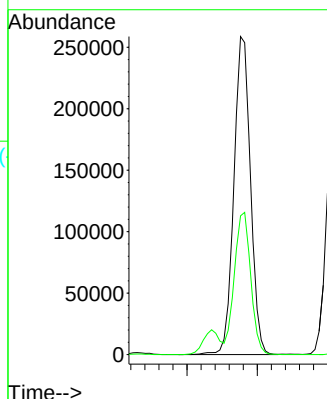
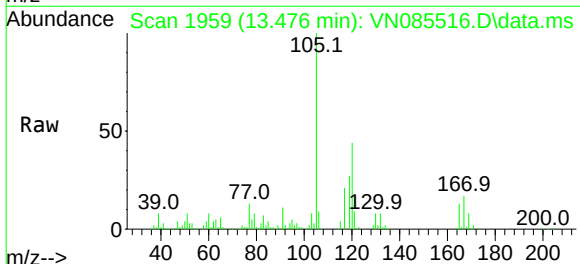
Acq: 27 Jan 2025 14:50

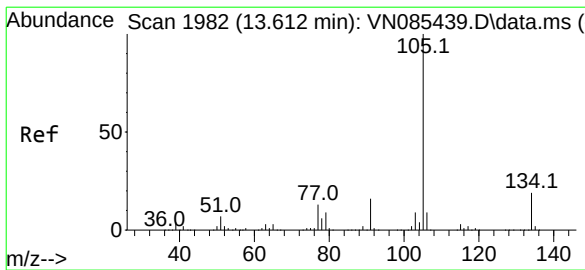
Tgt Ion:105 Resp: 424105

Ion Ratio Lower Upper

105 100

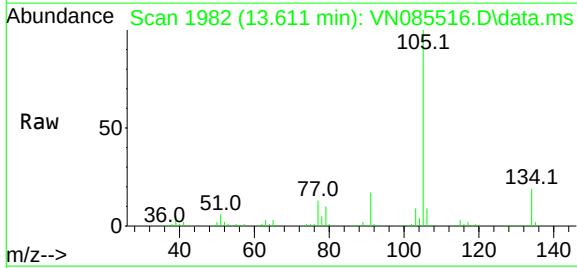
120 44.1 21.6 65.0





#85
sec-Butylbenzene
Concen: 51.427 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.001 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

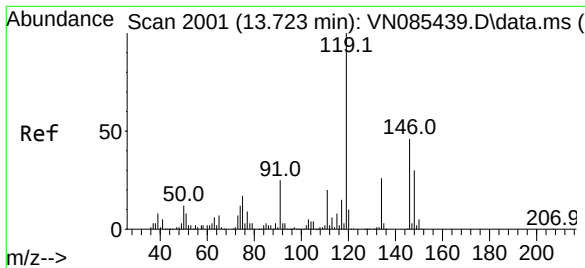
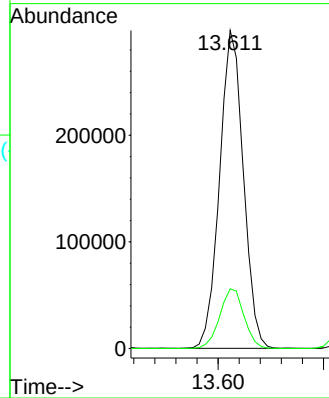
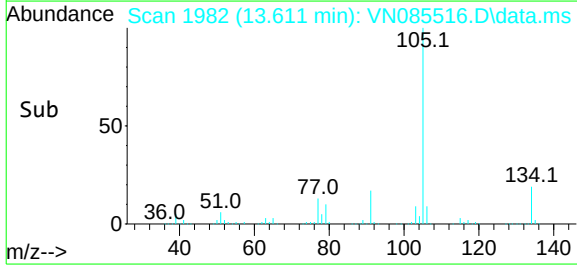
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



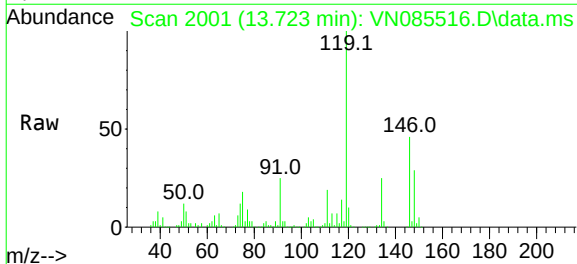
Tgt Ion:105 Resp: 467115
Ion Ratio Lower Upper
105 100
134 19.2 9.7 28.9

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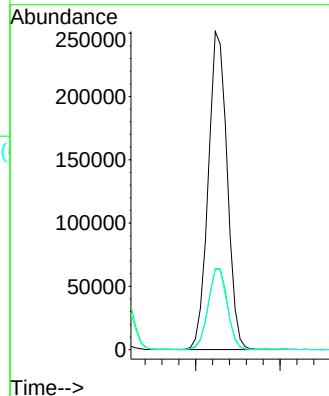
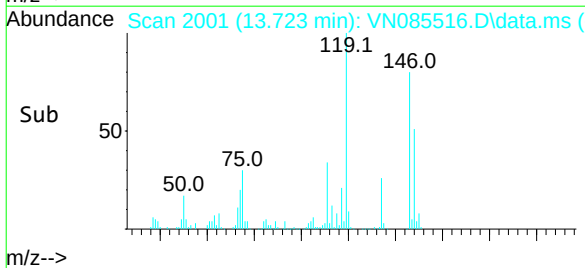
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

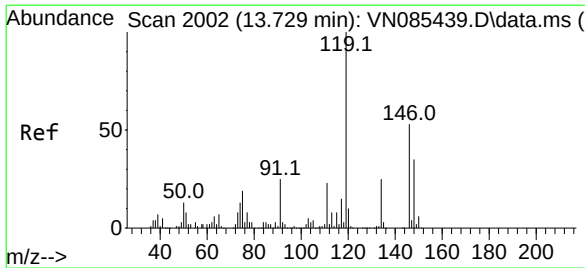


#86
p-Isopropyltoluene
Concen: 48.059 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50



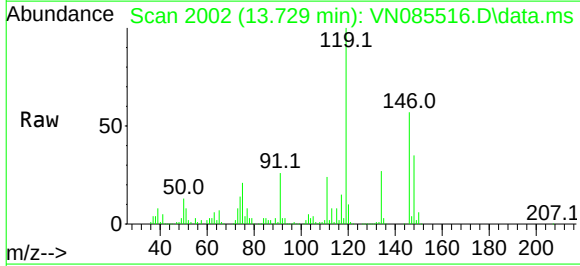
Tgt Ion:119 Resp: 391206
Ion Ratio Lower Upper
119 100
134 25.8 12.7 38.0
91 25.6 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 50.168 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

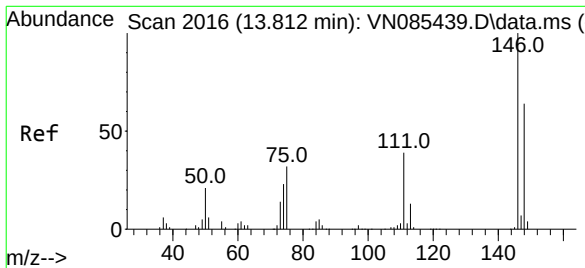
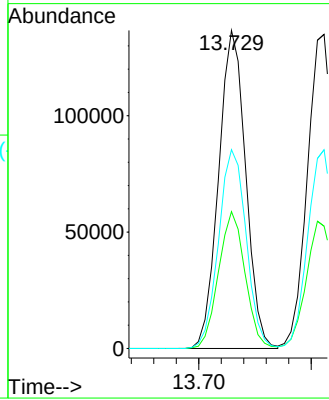
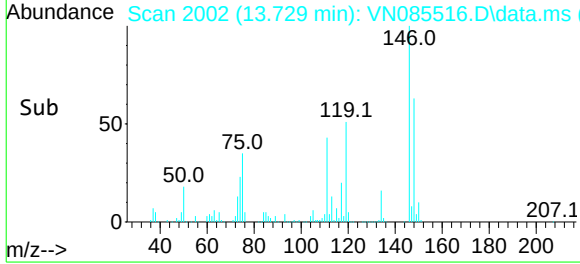
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



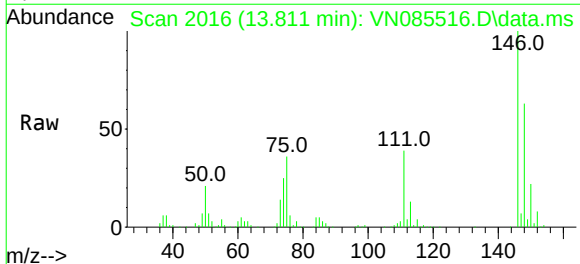
Tgt Ion:146 Resp: 228057
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.3
148 64.0 32.3 96.9

Manual Integrations
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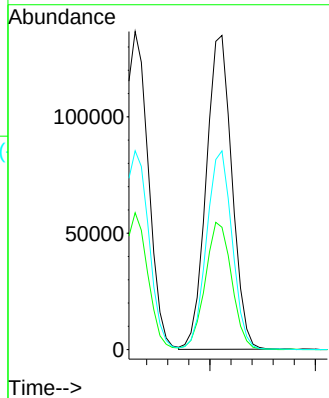
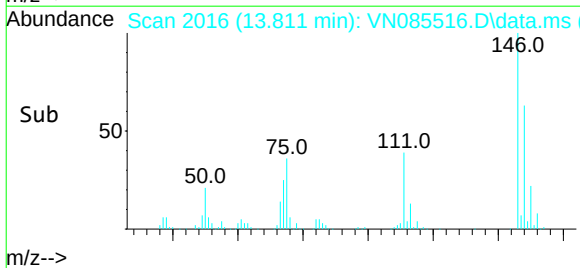
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

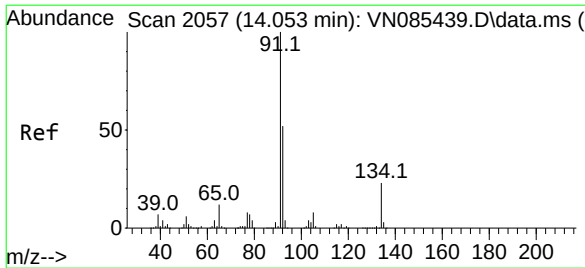


#88
1,4-Dichlorobenzene
Concen: 48.601 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50



Tgt Ion:146 Resp: 229002
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.7
148 63.1 32.4 97.0





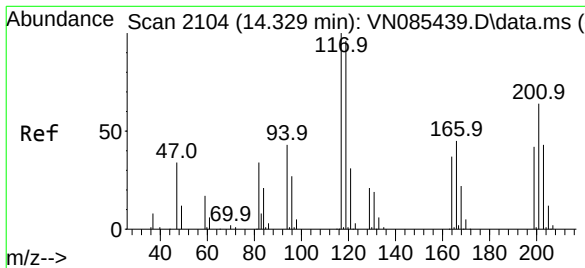
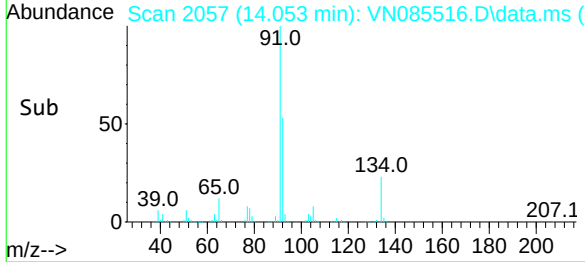
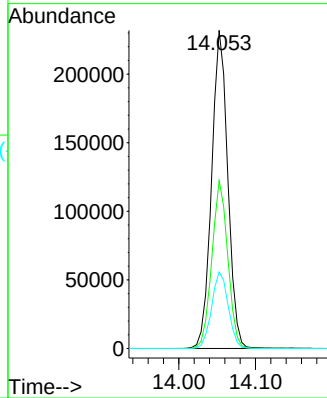
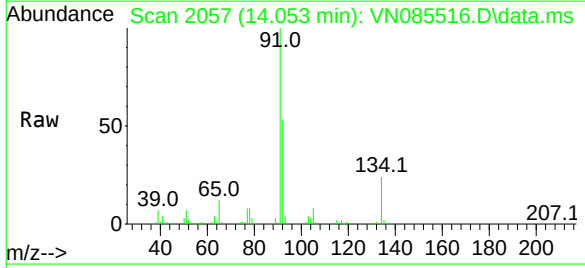
#89
n-Butylbenzene
Concen: 52.144 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 339784
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 24.6 11.7 35.1

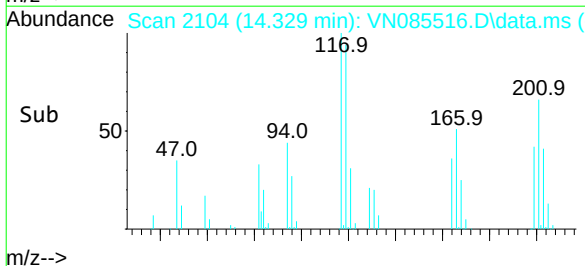
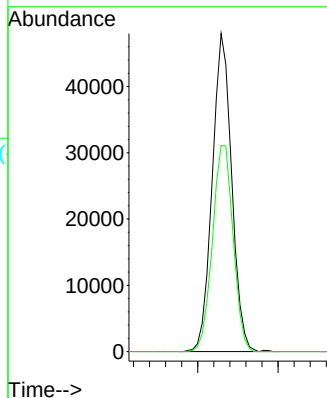
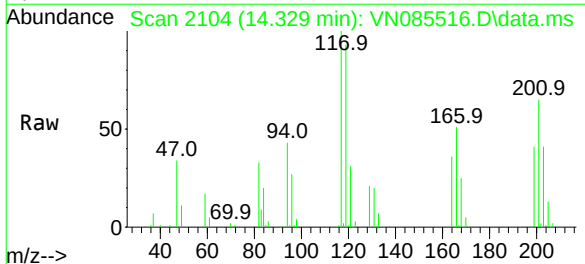
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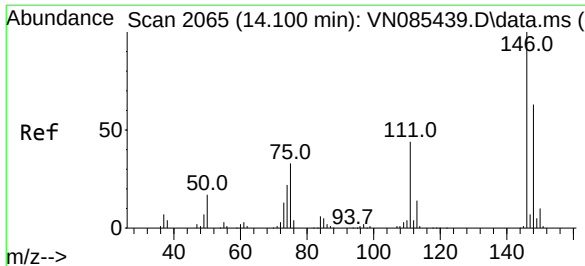
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#90
Hexachloroethane
Concen: 46.631 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Tgt Ion:117 Resp: 80633
Ion Ratio Lower Upper
117 100
201 69.0 33.7 101.0





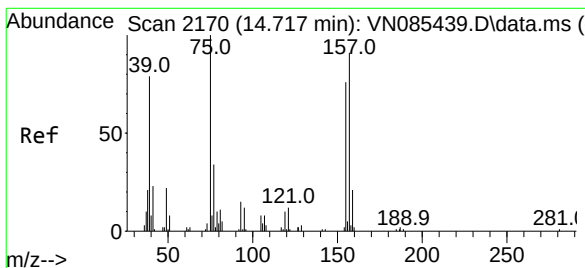
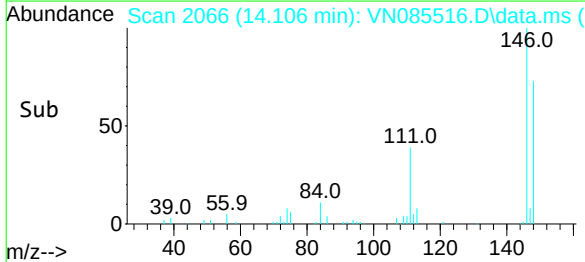
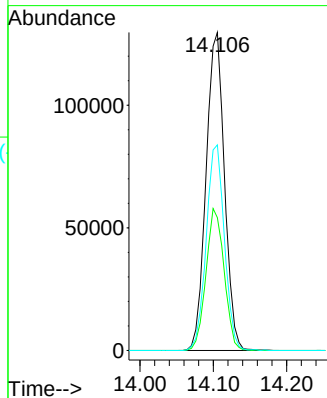
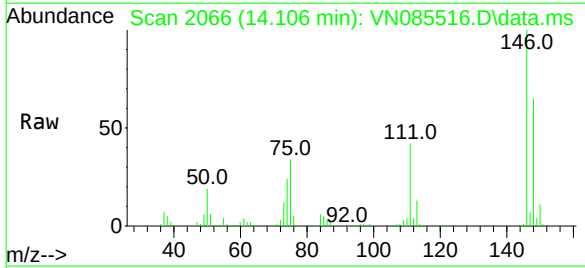
#91
1,2-Dichlorobenzene
Concen: 49.930 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 226400
Ion Ratio Lower Upper
146 100
111 44.0 21.7 65.1
148 64.0 31.4 94.2

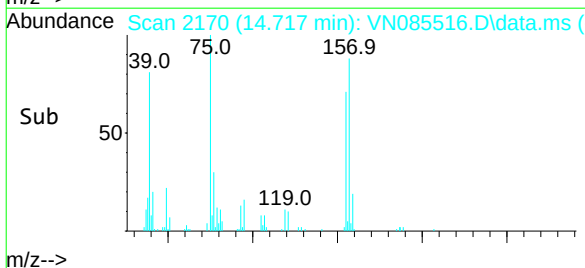
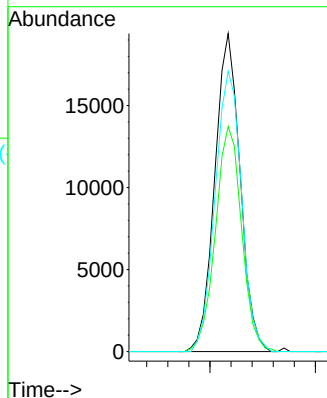
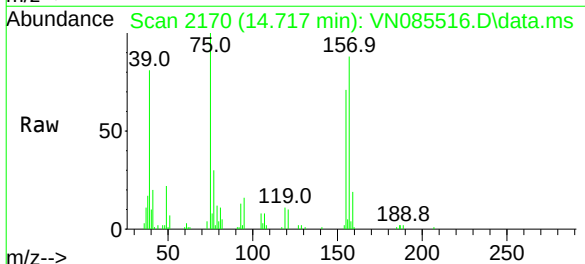
Manual Integrations
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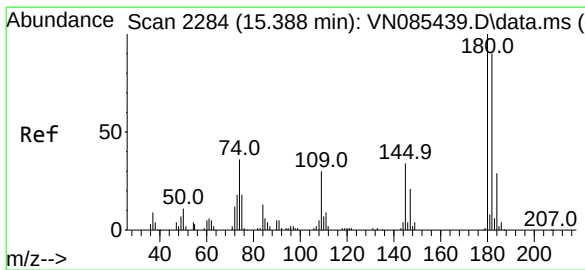
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.066 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

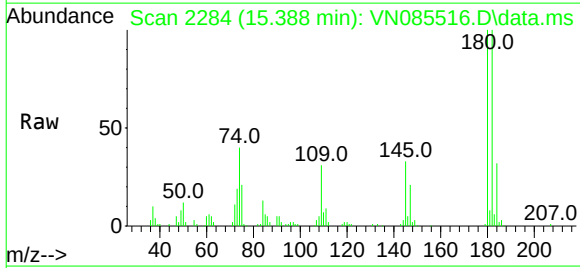
Tgt Ion: 75 Resp: 32340
Ion Ratio Lower Upper
75 100
155 73.3 36.4 109.2
157 91.7 45.4 136.1





#93
1,2,4-Trichlorobenzene
Concen: 53.634 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50

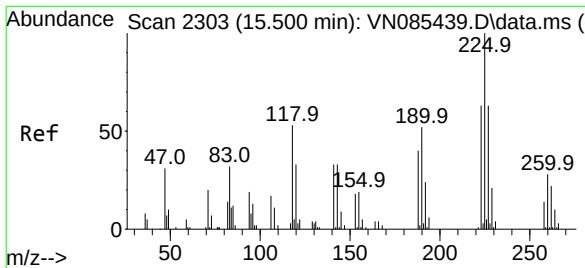
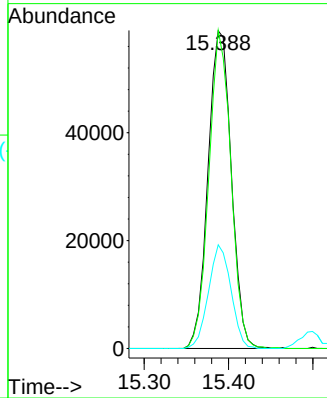
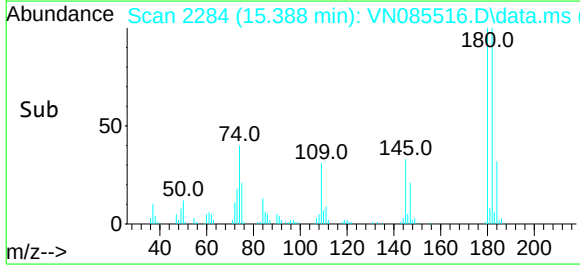
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



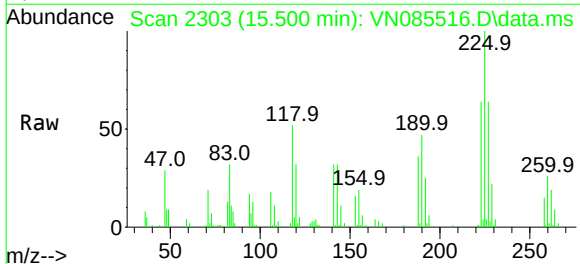
Tgt Ion:180 Resp: 113032
Ion Ratio Lower Upper
180 100
182 94.9 46.8 140.3
145 31.5 16.0 48.0

Manual Integrations
APPROVED

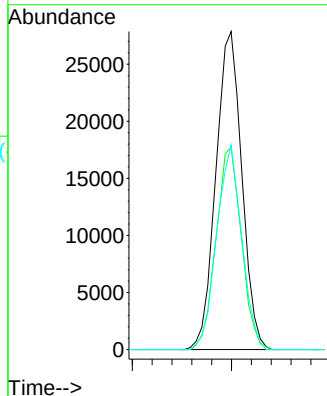
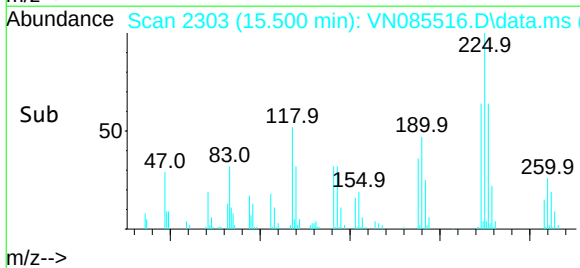
Reviewed By :John Carlone 01/28/2025
Supervised By :Mahesh Dadoda 01/28/2025

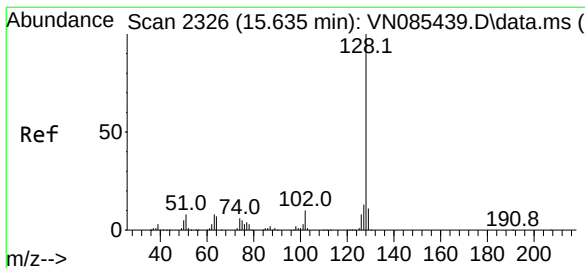


#94
Hexachlorobutadiene
Concen: 45.233 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085516.D
Acq: 27 Jan 2025 14:50



Tgt Ion:225 Resp: 50610
Ion Ratio Lower Upper
225 100
223 62.1 30.7 92.1
227 62.0 30.9 92.5





#95

Naphthalene

Concen: 56.757 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

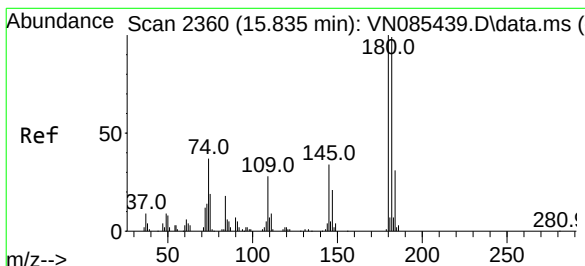
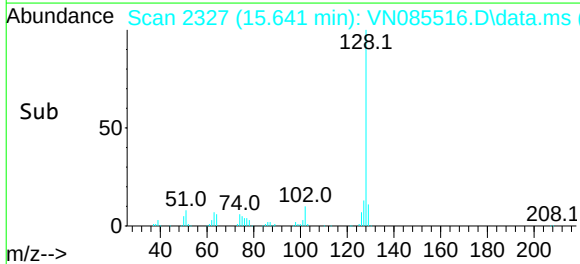
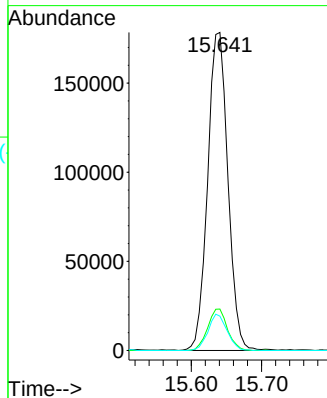
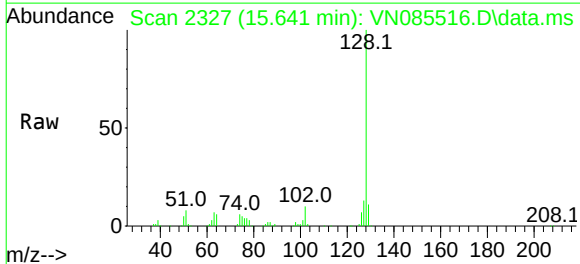
Tgt Ion:	128	Resp:	356931
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.337 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085516.D

Acq: 27 Jan 2025 14:50

Tgt Ion:	180	Resp:	113736
Ion Ratio	Lower	Upper	
180	100		
182	91.4	47.4	142.2
145	35.0	16.9	50.7

