

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085545.D
 Acq On : 28 Jan 2025 17:50
 Operator : JC\MD
 Sample : Q1199-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 00:42:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159806	58.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.060%	
35) Dibromofluoromethane	8.165	113	121606	53.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.140%	
50) Toluene-d8	10.565	98	378279	46.903	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.800%	
62) 4-Bromofluorobenzene	12.847	95	122753	44.494	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.980%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	1402	0.612	ug/l	98
3) Chloromethane	2.359	50	1726	0.696	ug/l #	88
4) Vinyl Chloride	2.506	62	1149	0.461	ug/l	91
5) Bromomethane	2.971	94	960	0.638	ug/l #	68
6) Chloroethane	3.130	64	1580	1.000	ug/l	98
7) Trichlorofluoromethane	3.495	101	1823	0.504	ug/l	93
12) 1,1-Dichloroethene	4.353	96	867	0.478	ug/l #	64
16) Acetone	4.442	43	5696	6.457	ug/l #	87
17) Carbon Disulfide	4.718	76	3258	0.583	ug/l #	76
18) Methyl Acetate	5.024	43	1785	0.665	ug/l #	67
19) Methyl tert-butyl Ether	5.789	73	3301	0.560	ug/l #	83
20) Methylene Chloride	5.283	84	1176	0.538	ug/l #	57
21) trans-1,2-Dichloroethene	5.789	96	765	0.394	ug/l #	41
24) 1,1-Dichloroethane	6.565	63	1943	0.487	ug/l #	84
25) 2-Butanone	7.494	43	2023	1.558	ug/l	95
27) cis-1,2-Dichloroethene	7.482	96	831	0.364	ug/l	82
28) Bromochloromethane	7.806	49	846	0.456	ug/l #	40
30) Chloroform	7.965	83	3416	0.829	ug/l	96
31) Cyclohexane	8.218	56	6015	1.736	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	1640	0.454	ug/l #	55
36) 1,1-Dichloropropene	8.224	75	16167	5.075	ug/l #	51
37) Ethyl Acetate	7.494	43	2023	0.629	ug/l #	33
38) Carbon Tetrachloride	8.365	117	1492	0.409	ug/l #	70
39) Methylcyclohexane	9.600	83	753	0.252	ug/l #	79
40) Benzene	8.606	78	6905	0.721	ug/l #	71
42) 1,2-Dichloroethane	8.677	62	1883	0.522	ug/l #	76
43) Isopropyl Acetate	8.706	43	10609	2.059	ug/l #	55
44) Trichloroethene	9.347	130	3125	1.402	ug/l	87
45) 1,2-Dichloropropane	9.618	63	891	0.364	ug/l	92
47) Bromodichloromethane	9.888	83	1321	0.368	ug/l #	85
48) Methyl methacrylate	9.641	41	1038	0.448	ug/l #	46
51) 4-Methyl-2-Pentanone	10.447	43	2413	0.807	ug/l #	69
52) Toluene	10.629	92	2909	0.524	ug/l	90
53) t-1,3-Dichloropropene	10.835	75	1219	0.359	ug/l #	72
54) cis-1,3-Dichloropropene	10.312	75	1126	0.310	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	919	0.419	ug/l #	75

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

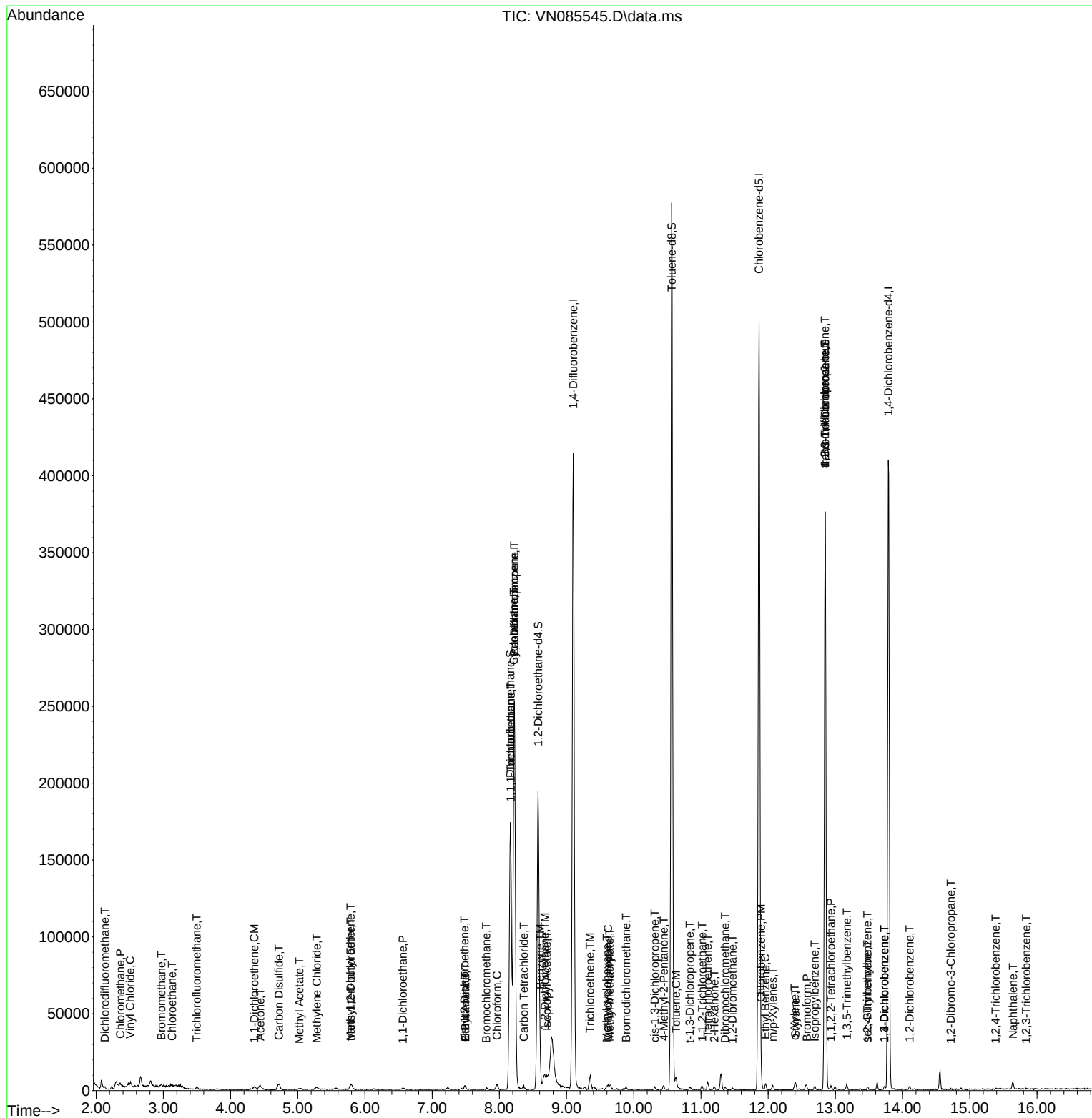
59) 2-Hexanone	11.200	43	1842	0.876	ug/l	69
60) Dibromochloromethane	11.359	129	966	0.365	ug/l	95
61) 1,2-Dibromoethane	11.470	107	848	0.388	ug/l	99
64) Tetrachloroethene	11.100	164	1224	0.664	ug/l #	66
65) Chlorobenzene	11.894	112	2738	0.462	ug/l #	80
67) Ethyl Benzene	11.959	91	3265	0.338	ug/l	91
68) m/p-Xylenes	12.070	106	1081	0.303	ug/l	97
69) o-Xylene	12.394	106	1009	0.296	ug/l	98
70) Styrene	12.406	104	1725	0.306	ug/l #	89
71) Bromoform	12.576	173	734	0.472	ug/l #	88
73) Isopropylbenzene	12.694	105	1965	0.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	1551	0.610	ug/l #	95
76) 1,2,3-Trichloropropane	12.847	75	70388	32.448	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.170	105	1791	0.301	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	70388	87.790	ug/l #	3
84) 1,2,4-Trimethylbenzene	13.476	105	1506	0.254	ug/l	84
85) sec-Butylbenzene	13.476	105	1506	0.217	ug/l #	57
87) 1,3-Dichlorobenzene	13.729	146	1254	0.362	ug/l	94
88) 1,4-Dichlorobenzene	13.729	146	1254	0.349	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	1420	0.411	ug/l	77
92) 1,2-Dibromo-3-Chloropr...	14.717	75	180	0.387	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.388	180	354	0.220	ug/l #	84
95) Naphthalene	15.647	128	4566	0.952	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.841	180	337	0.207	ug/l #	84

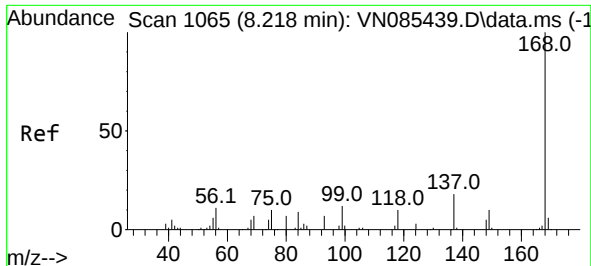
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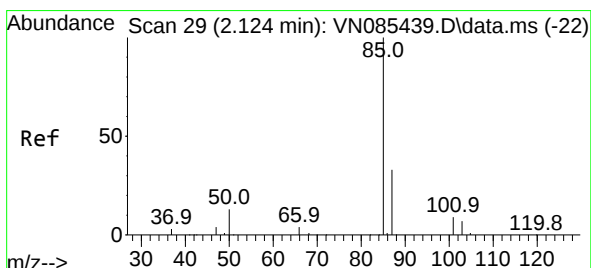
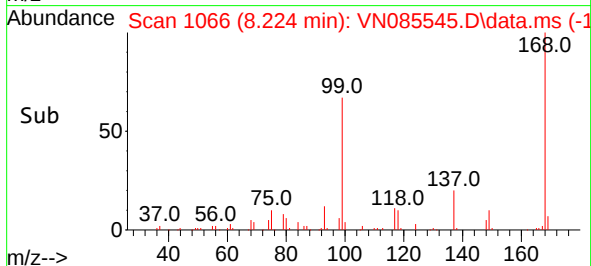
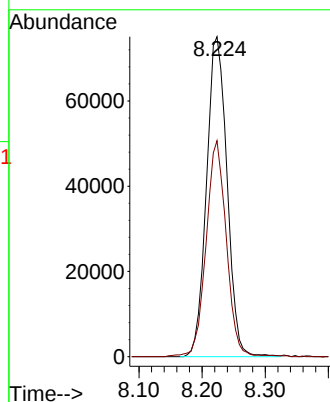
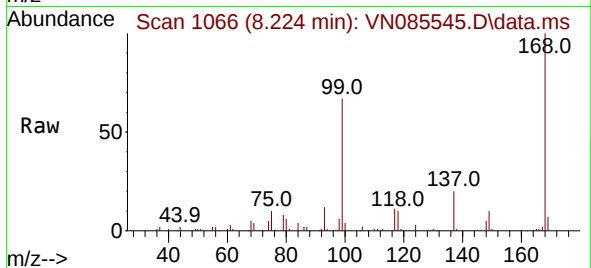




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

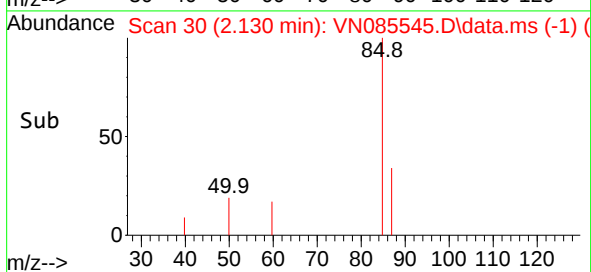
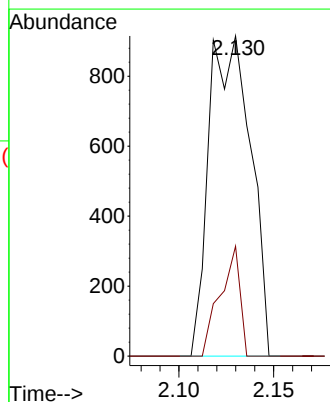
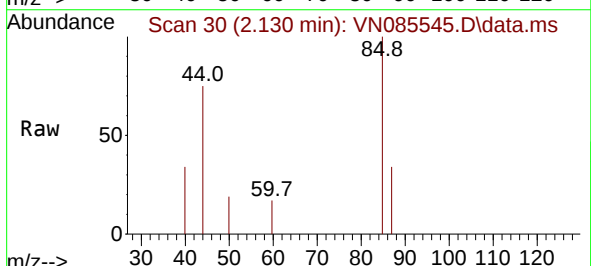
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MSVOA_N
ClientSampleId :

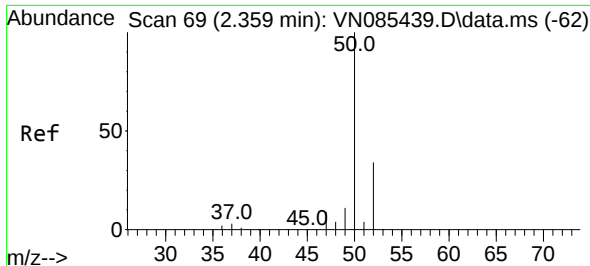
Tgt Ion:168 Resp: 169137
Ion Ratio Lower Upper
168 100
99 67.2 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 0.612 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

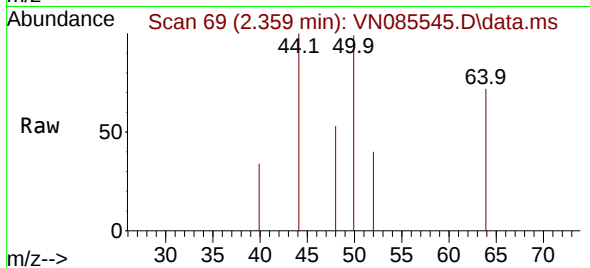
Tgt Ion: 85 Resp: 1402
Ion Ratio Lower Upper
85 100
87 34.3 16.7 50.1



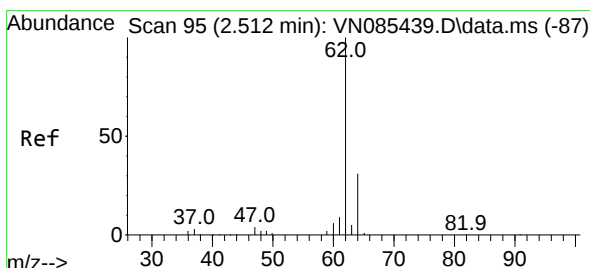
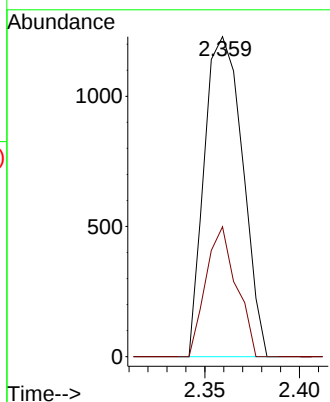
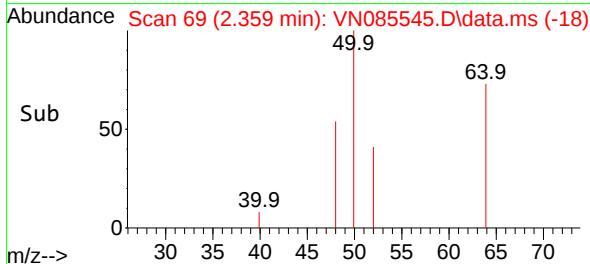


#3
Chloromethane
Concen: 0.696 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

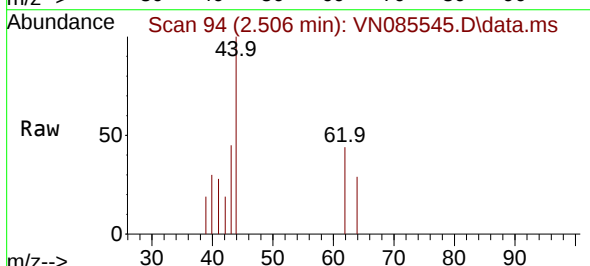
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MSVOA_N
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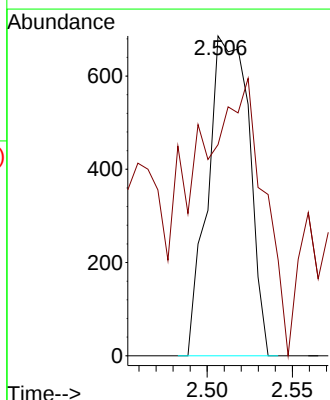
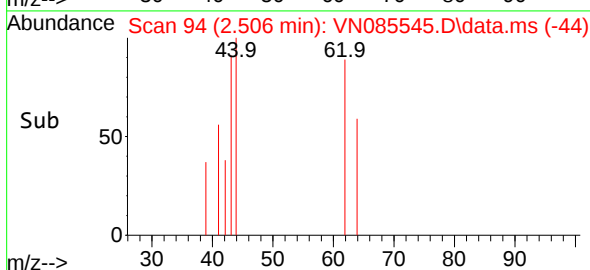
Tgt Ion: 50 Resp: 1726
Ion Ratio Lower Upper
50 100
52 40.6 27.0 40.6#

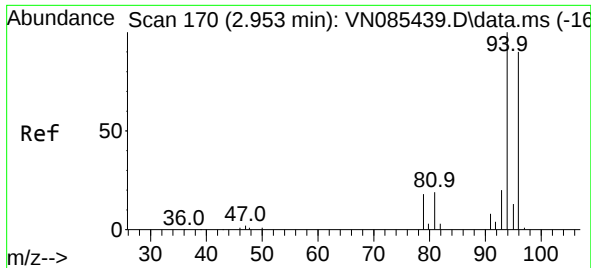


#4
Vinyl Chloride
Concen: 0.461 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50



Tgt Ion: 62 Resp: 1149
Ion Ratio Lower Upper
62 100
64 36.2 24.8 37.2

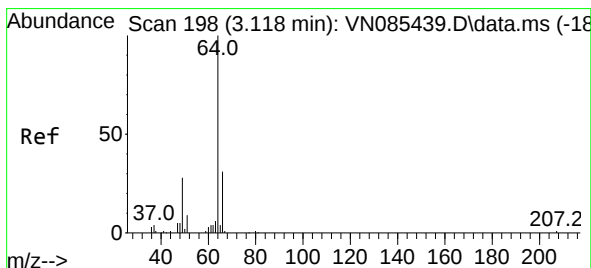
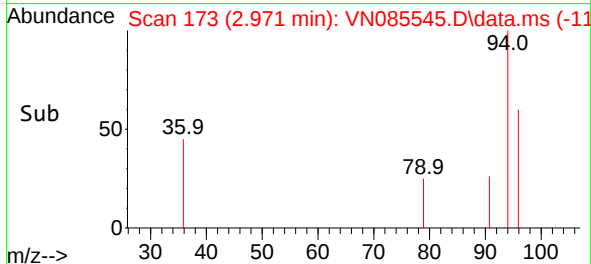
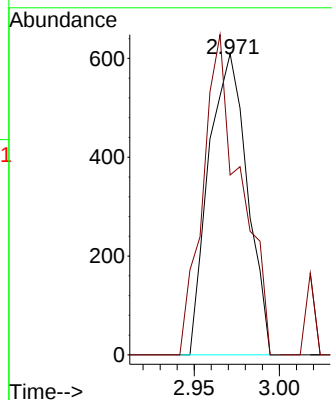
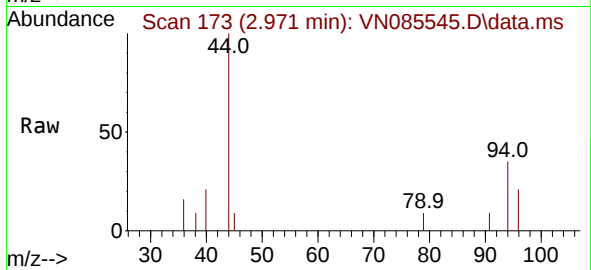




#5
Bromomethane
Concen: 0.638 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

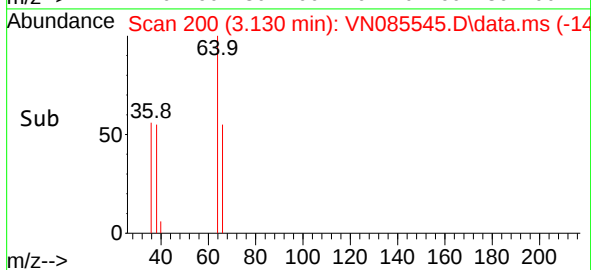
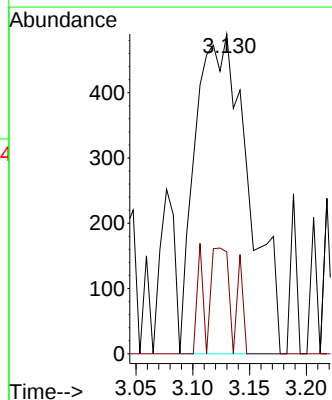
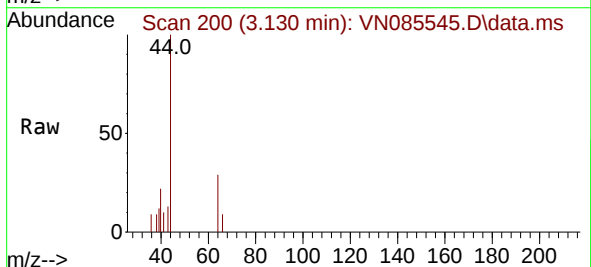
Instrument :
MSVOA_N
ClientSampleId :

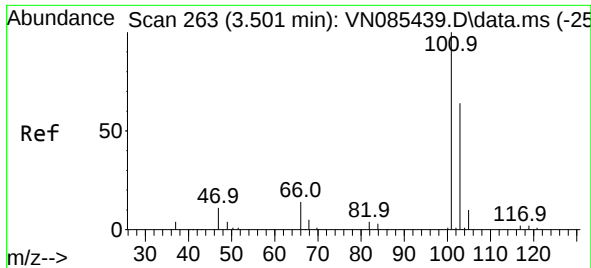
Tgt Ion: 94 Resp: 960
Ion Ratio Lower Upper
94 100
96 59.8 71.8 107.6#



#6
Chloroethane
Concen: 1.000 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 64 Resp: 1580
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8

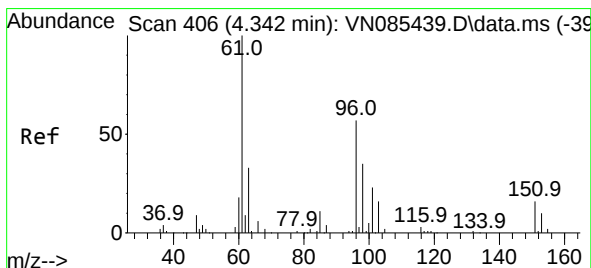
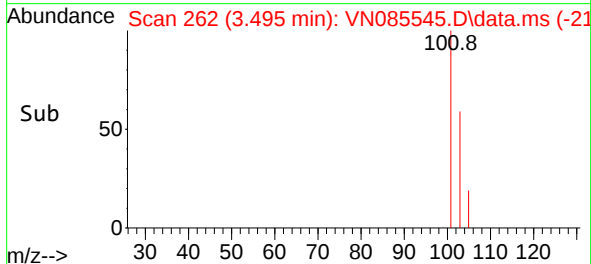
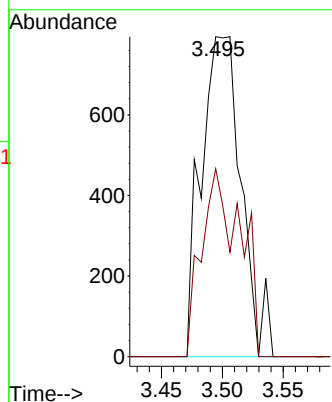
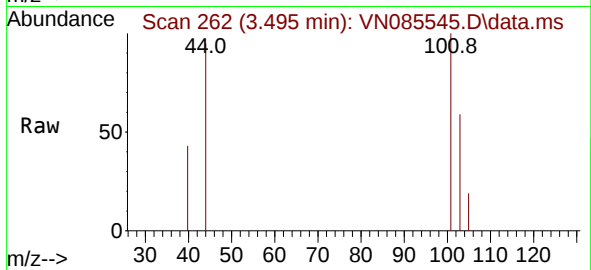




#7
 Trichlorofluoromethane
 Concen: 0.504 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

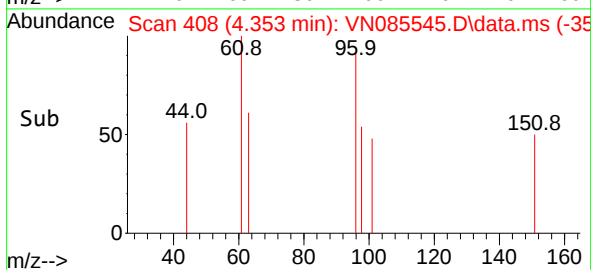
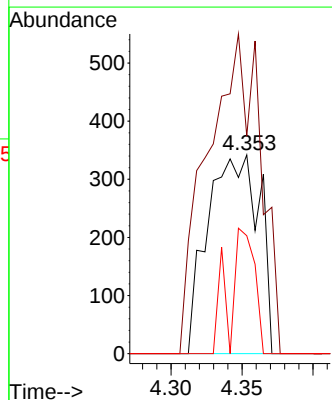
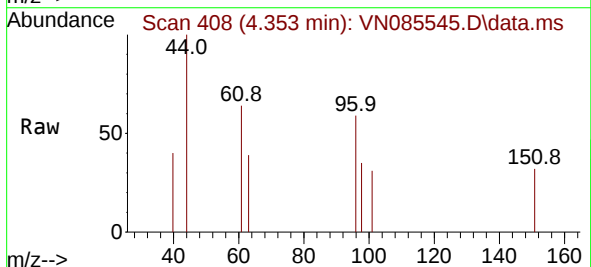
Instrument :
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 ClientSampleId :

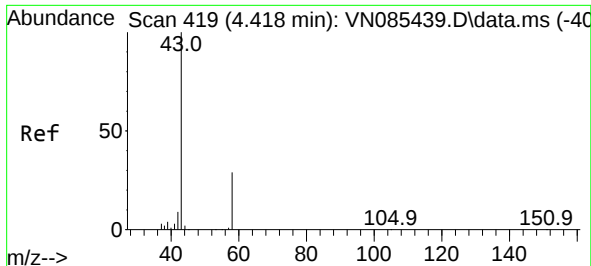
Tgt Ion:101 Resp: 1823
 Ion Ratio Lower Upper
 101 100
 103 58.7 51.4 77.2



#12
 1,1-Dichloroethene
 Concen: 0.478 ug/l
 RT: 4.353 min Scan# 408
 Delta R.T. 0.012 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Tgt Ion: 96 Resp: 867
 Ion Ratio Lower Upper
 96 100
 61 109.4 141.0 211.4#
 98 59.4 49.0 73.6





#16

Acetone

Concen: 6.457 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN085545.D

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Instrument :

MSVOA_N

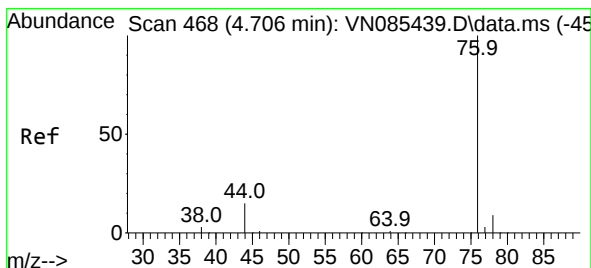
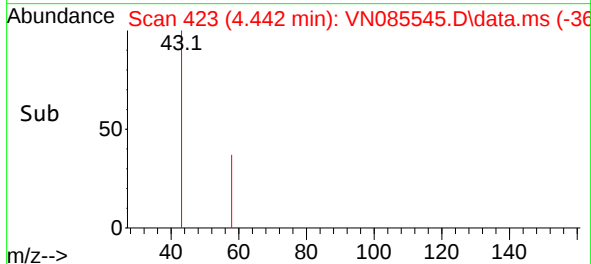
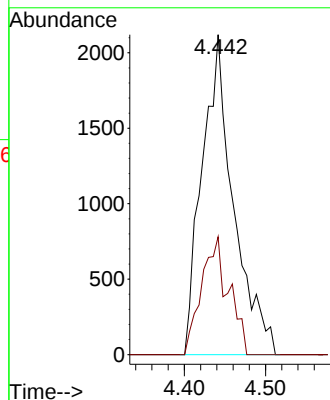
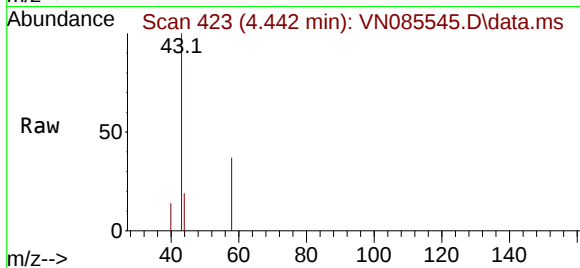
ClientSampleId :

Tgt Ion: 43 Resp: 5696

Ion Ratio Lower Upper

43 100

58 36.8 23.8 35.6#



#17

Carbon Disulfide

Concen: 0.583 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN085545.D

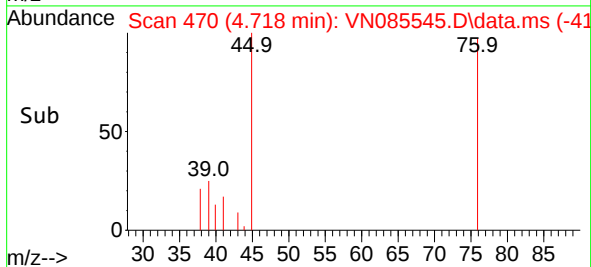
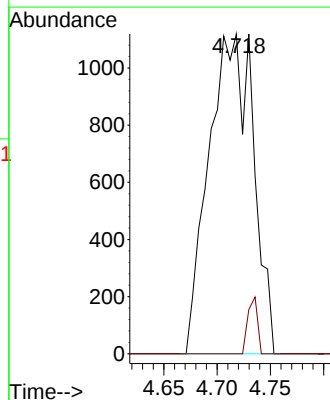
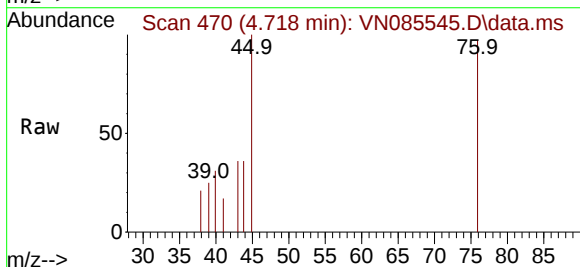
Acq: 28 Jan 2025 17:50

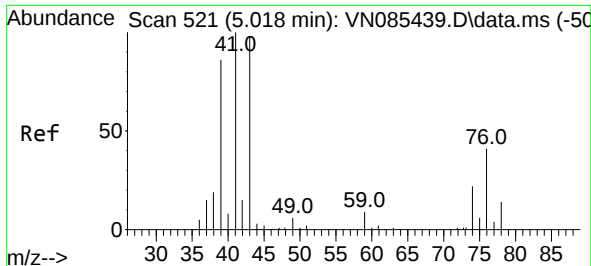
Tgt Ion: 76 Resp: 3258

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#





#18

Methyl Acetate

Concen: 0.665 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

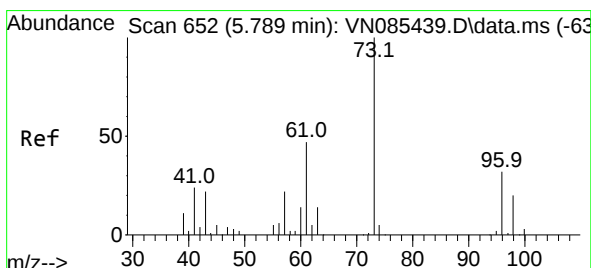
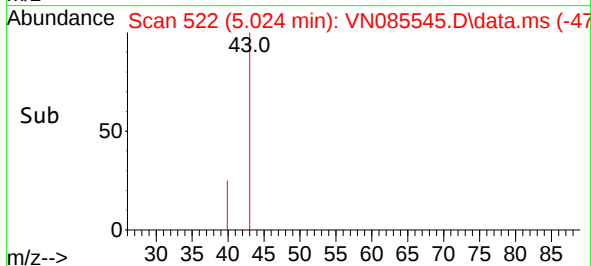
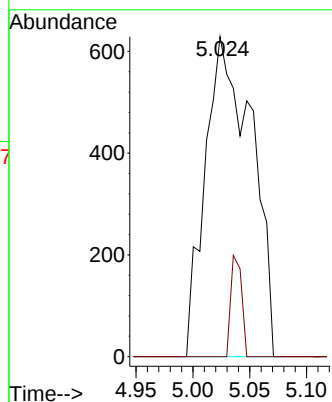
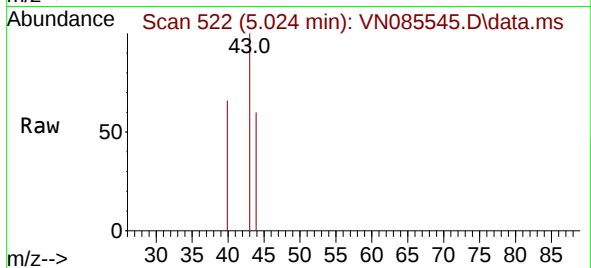
ClientSampleId :

Tgt Ion: 43 Resp: 1785

Ion Ratio Lower Upper

43 100

74 7.3 18.6 28.0#



#19

Methyl tert-butyl Ether

Concen: 0.560 ug/l

RT: 5.789 min Scan# 652

Delta R.T. -0.000 min

Lab File: VN085545.D

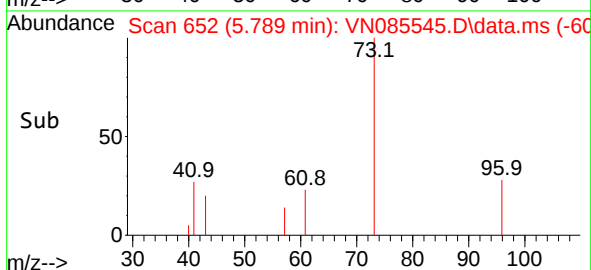
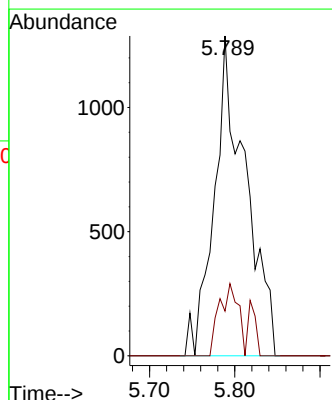
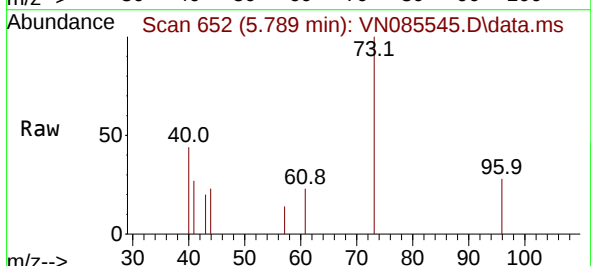
Acq: 28 Jan 2025 17:50

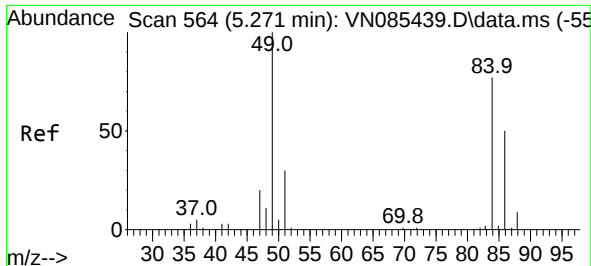
Tgt Ion: 73 Resp: 3301

Ion Ratio Lower Upper

73 100

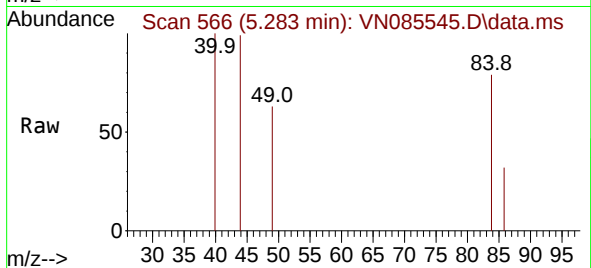
57 14.0 17.8 26.8#



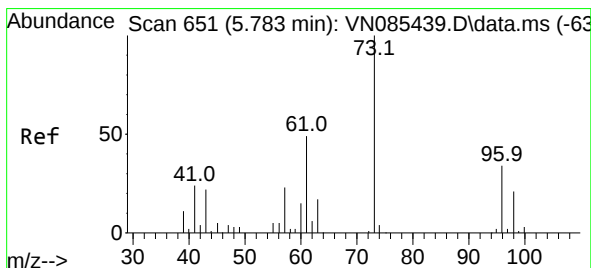
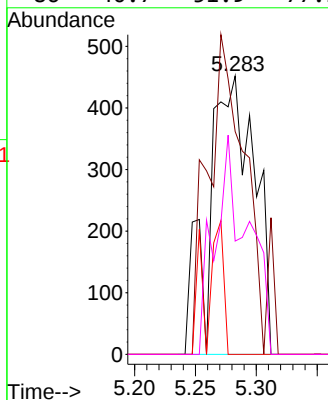
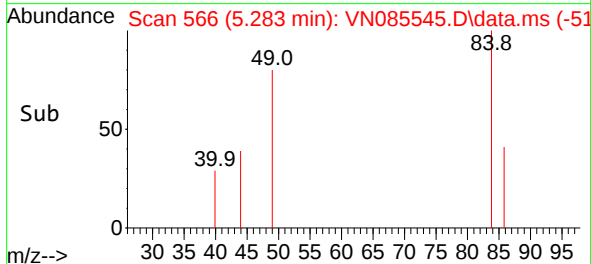


#20
Methylene Chloride
Concen: 0.538 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :

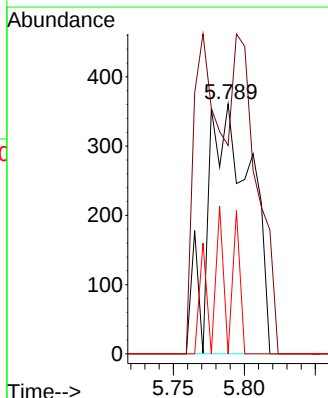
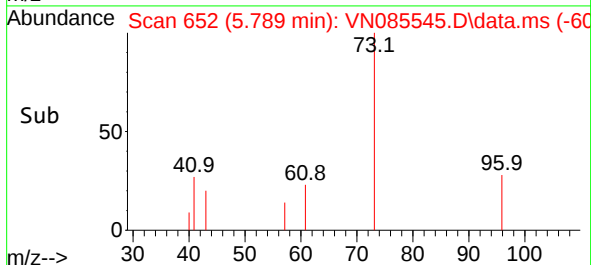
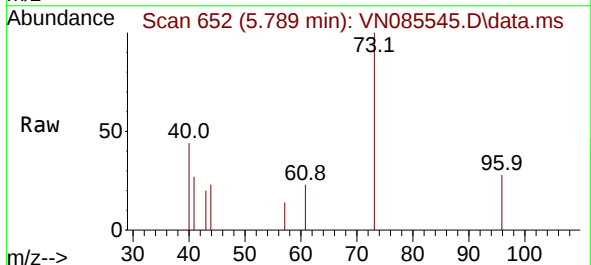


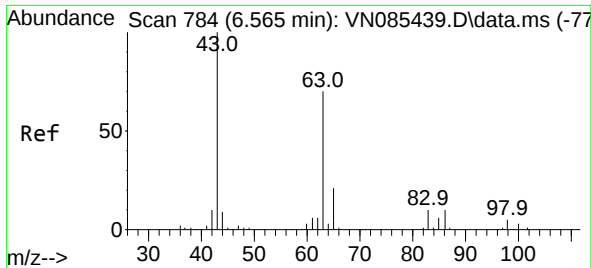
Tgt Ion: 84 Resp: 1176
Ion Ratio Lower Upper
84 100
49 80.1 104.1 156.1#
51 0.0 31.0 46.4#
86 40.7 51.9 77.9#



#21
trans-1,2-Dichloroethene
Concen: 0.394 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 96 Resp: 765
Ion Ratio Lower Upper
96 100
61 83.4 115.7 173.5#
98 0.0 49.8 74.8#

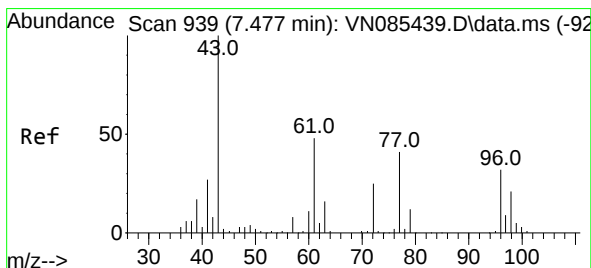
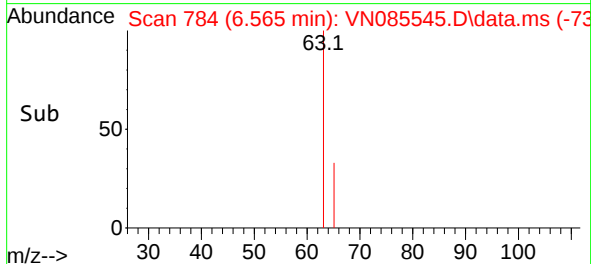
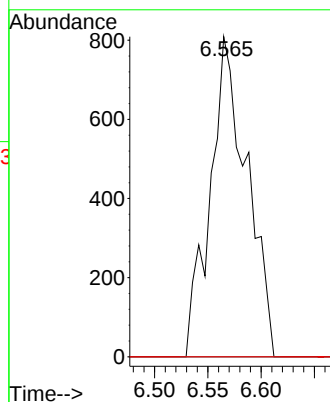
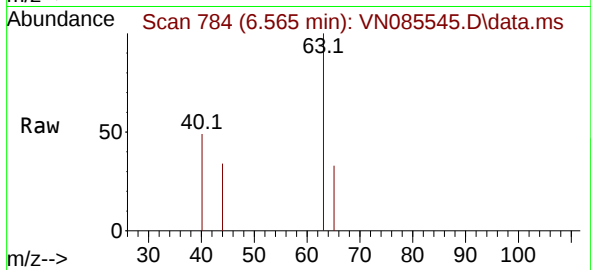




#24
1,1-Dichloroethane
Concen: 0.487 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

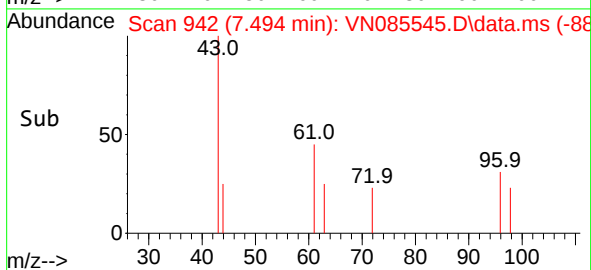
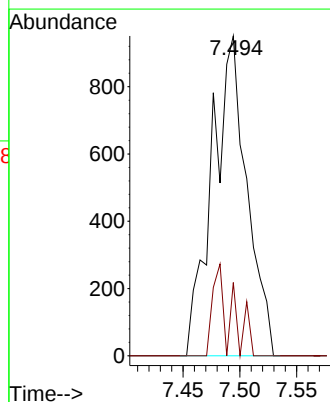
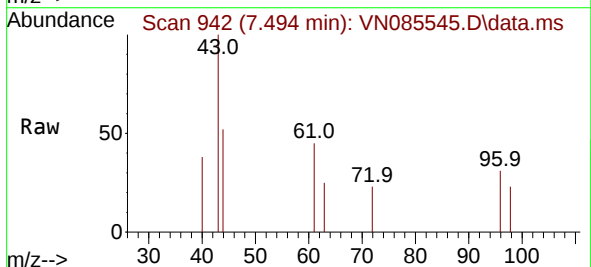
Instrument :
MSVOA_N
ClientSampleId :

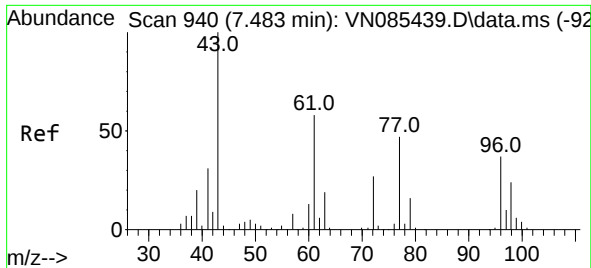
Tgt Ion: 63 Resp: 1943
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.0 6.0#



#25
2-Butanone
Concen: 1.558 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
72 22.9 20.2 30.4



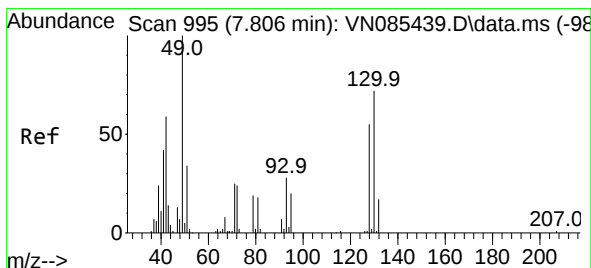
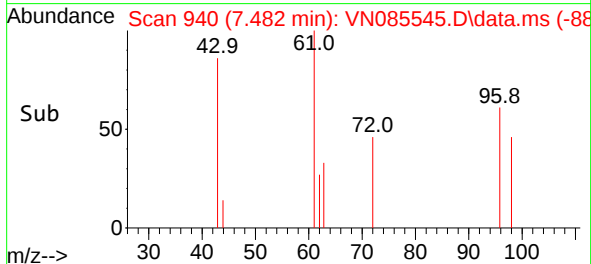
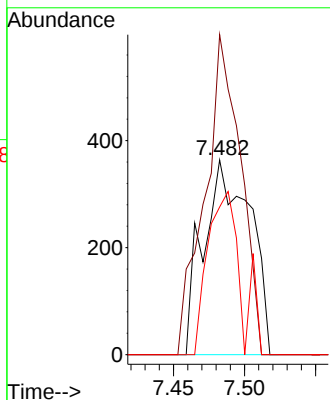
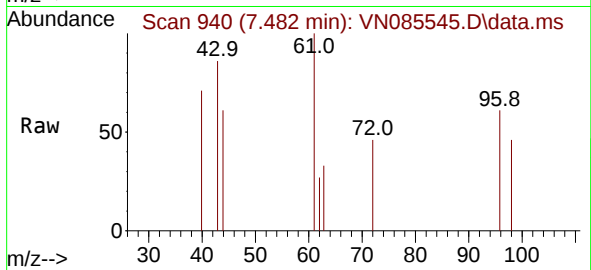


#27
 cis-1,2-Dichloroethene
 Concen: 0.364 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 831

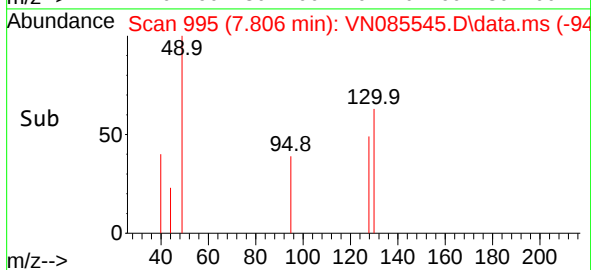
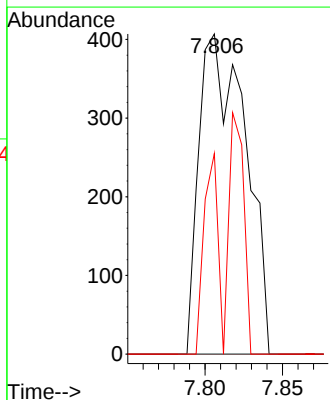
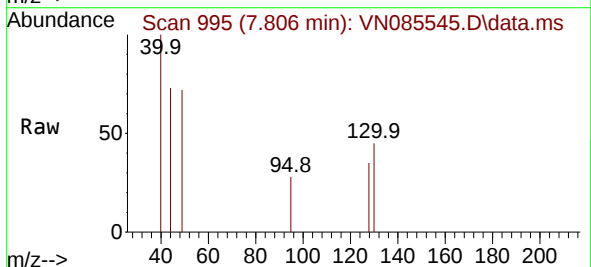
Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	311.8
98	58.7	0.0	126.0

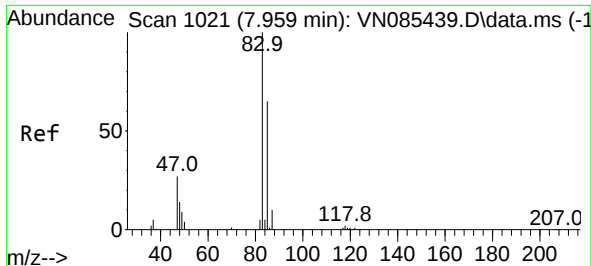


#28
 Bromochloromethane
 Concen: 0.456 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Tgt Ion: 49 Resp: 846

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	18.8	55.0	82.4





#30

Chloroform

Concen: 0.829 ug/l

RT: 7.965 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

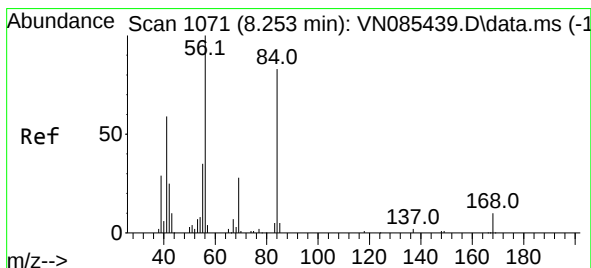
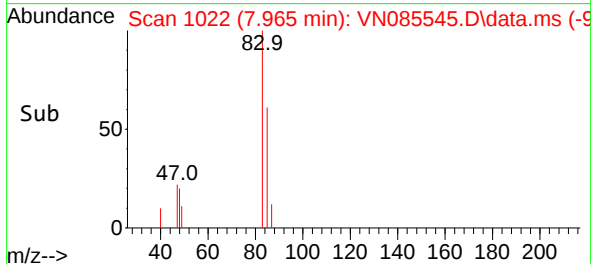
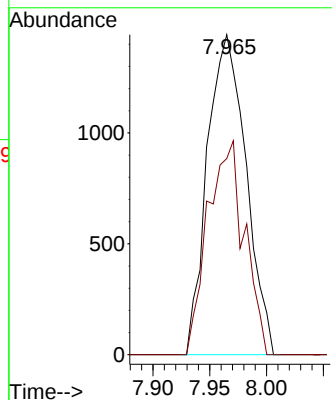
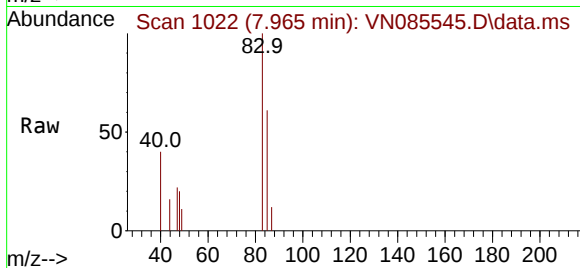
ClientSampleId :

Tgt Ion: 83 Resp: 3416

Ion Ratio Lower Upper

83 100

85 61.3 51.8 77.6



#31

Cyclohexane

Concen: 1.736 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

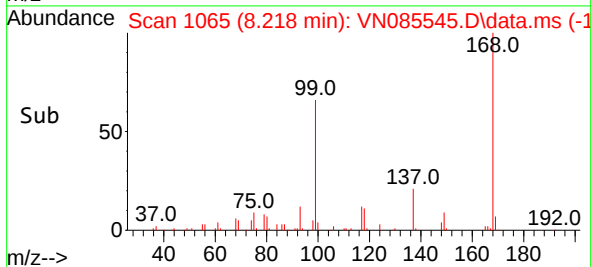
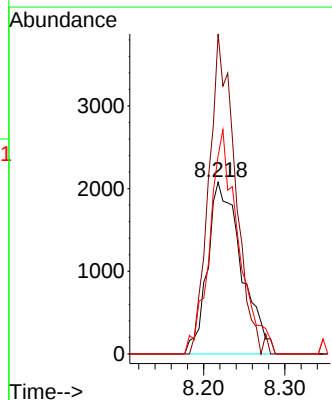
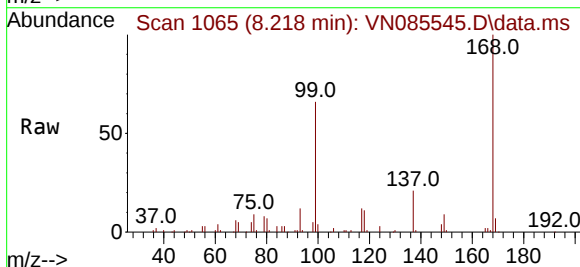
Tgt Ion: 56 Resp: 6015

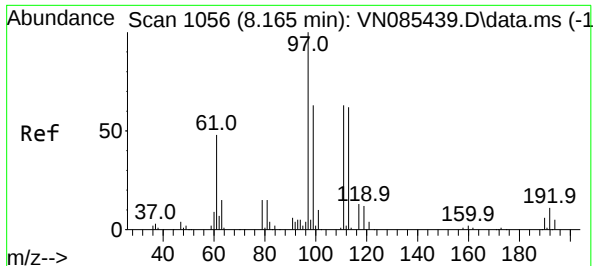
Ion Ratio Lower Upper

56 100

69 186.4 22.2 33.4#

84 115.4 66.4 99.6#





#32

1,1,1-Trichloroethane

Concen: 0.454 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

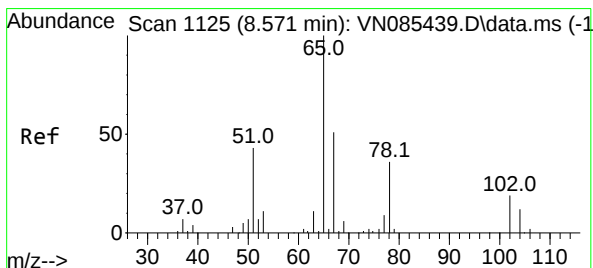
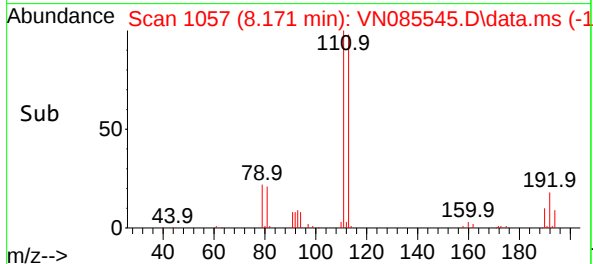
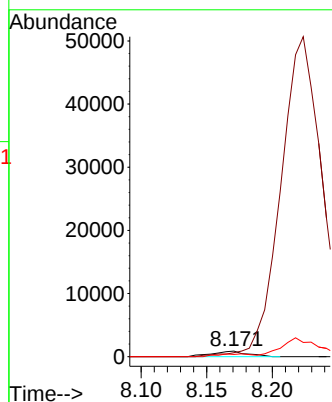
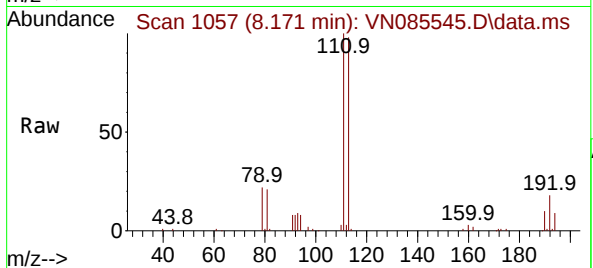
Tgt Ion: 97 Resp: 1640

Ion Ratio Lower Upper

97 100

99 0.0 49.8 74.6#

61 49.7 41.4 62.2



#33

1,2-Dichloroethane-d4

Concen: 58.532 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085545.D

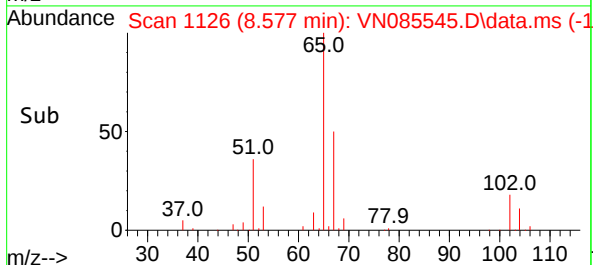
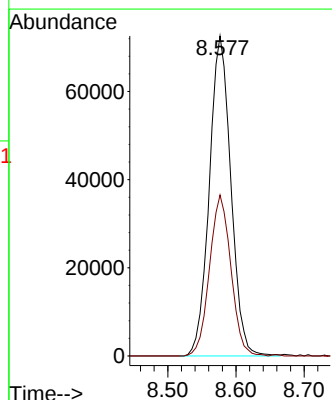
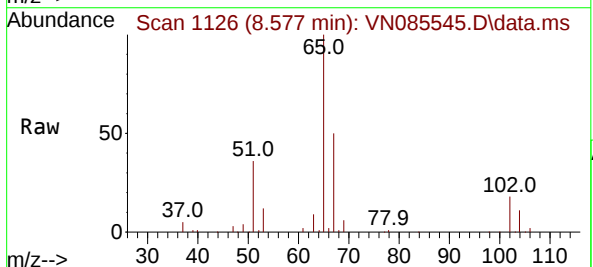
Acq: 28 Jan 2025 17:50

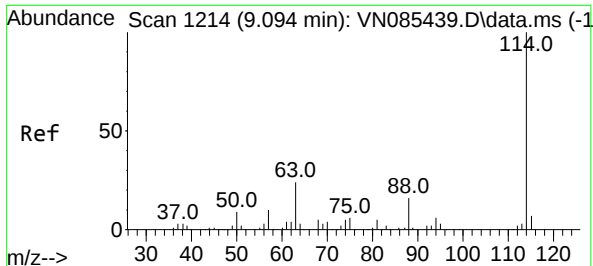
Tgt Ion: 65 Resp: 159806

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

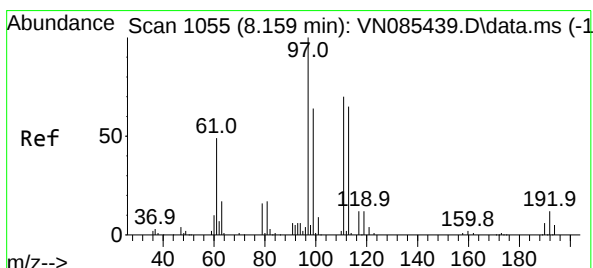
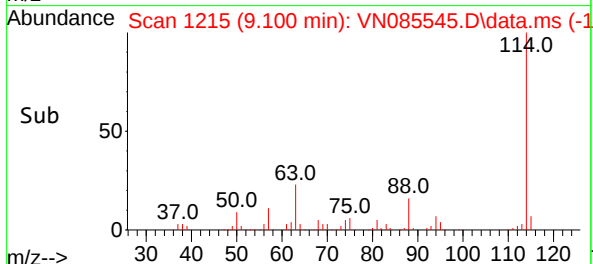
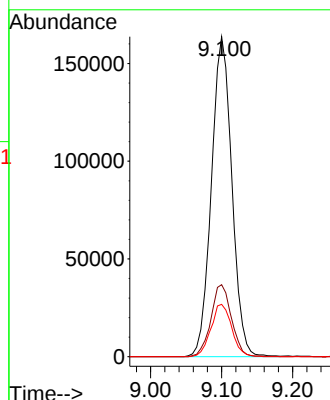
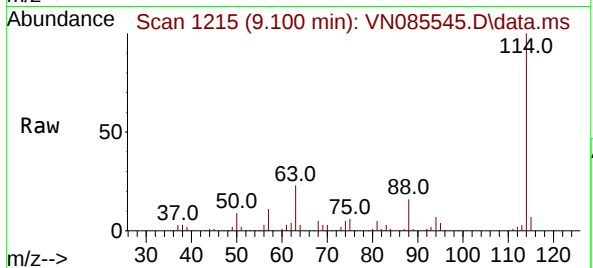
Tgt Ion:114 Resp: 327198

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.6

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.572 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

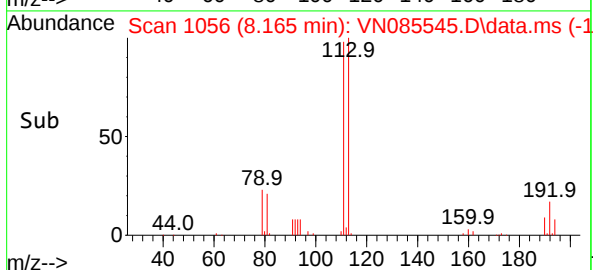
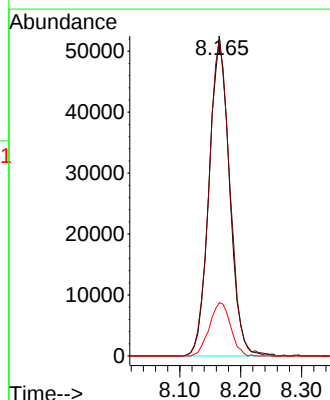
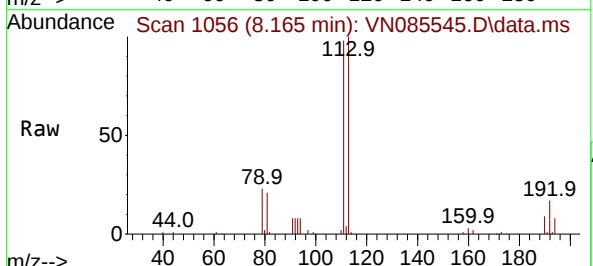
Tgt Ion:113 Resp: 121606

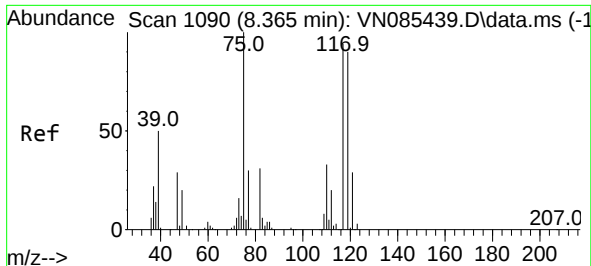
Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

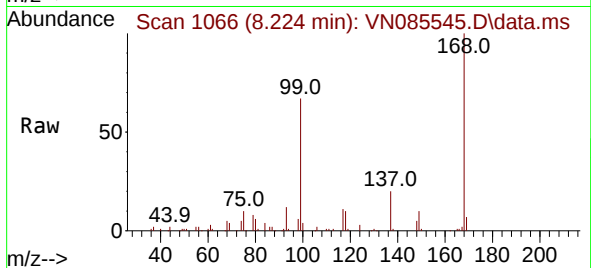
192 17.3 14.3 21.5



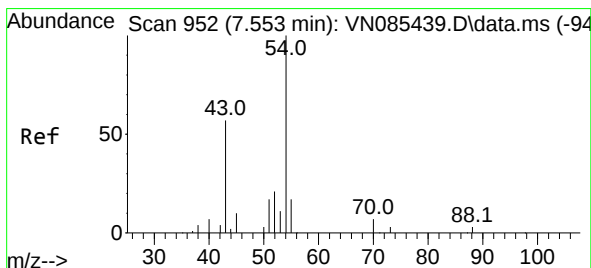
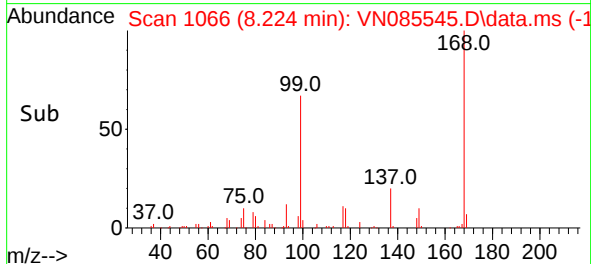
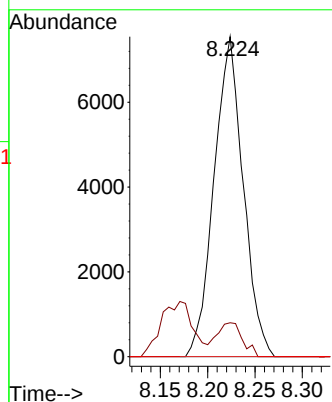


#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :

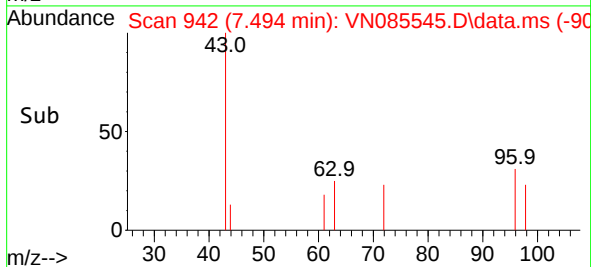
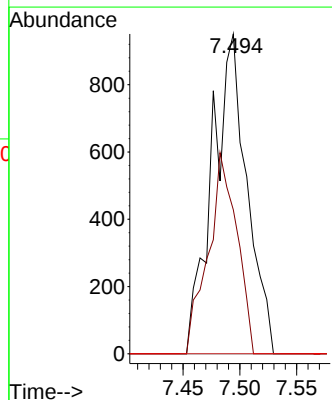
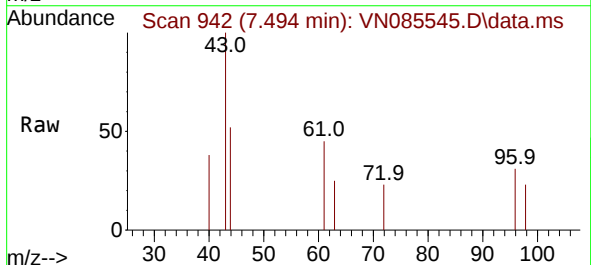


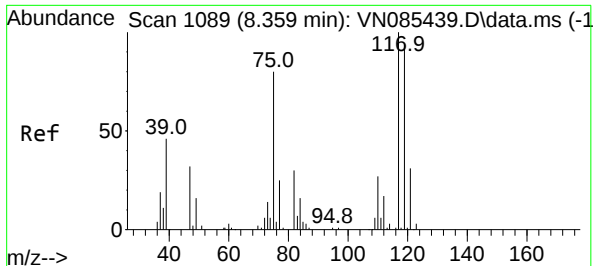
Tgt Ion: 75 Resp: 16167
Ion Ratio Lower Upper
75 100
110 9.3 16.5 49.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.629 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.059 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

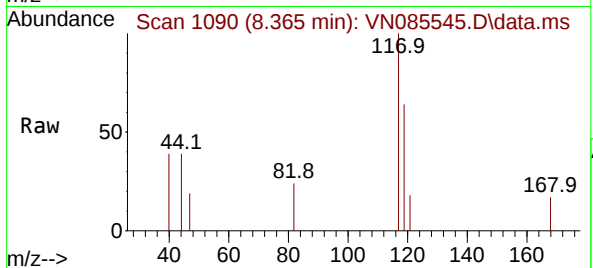
Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
61 51.9 10.9 16.3#
70 0.0 7.5 11.3#



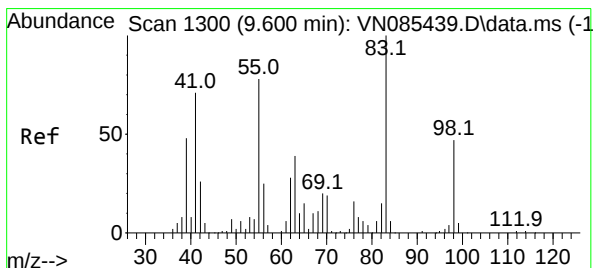
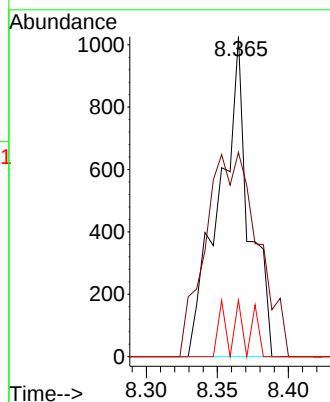
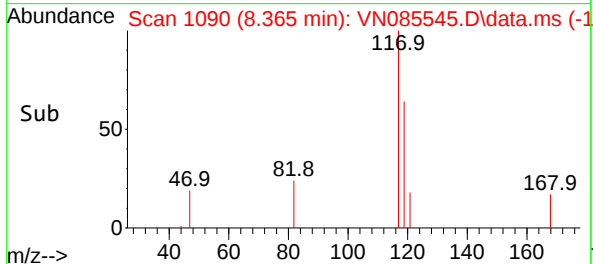


#38
Carbon Tetrachloride
Concen: 0.409 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

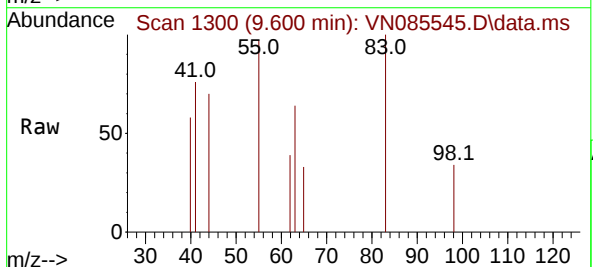
Instrument :
MSVOA_N
ClientSampleId :



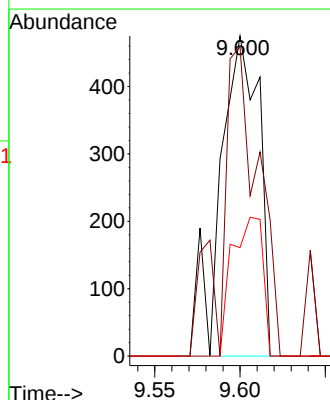
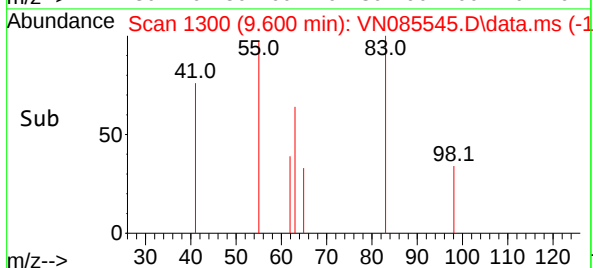
Tgt Ion:117 Resp: 1492
Ion Ratio Lower Upper
117 100
119 63.8 75.4 113.2#
121 17.6 24.6 37.0#

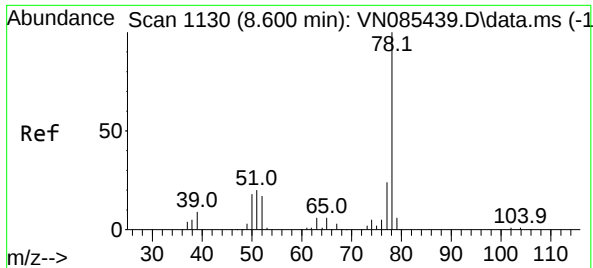


#39
Methylcyclohexane
Concen: 0.252 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50



Tgt Ion: 83 Resp: 753
Ion Ratio Lower Upper
83 100
55 96.6 62.6 94.0#
98 33.9 37.7 56.5#

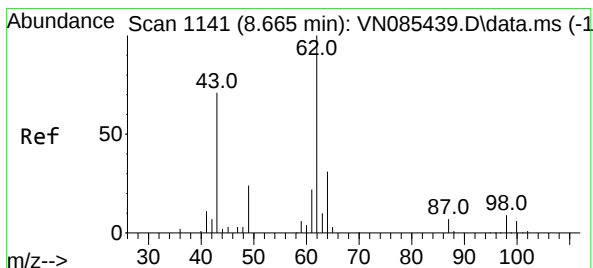
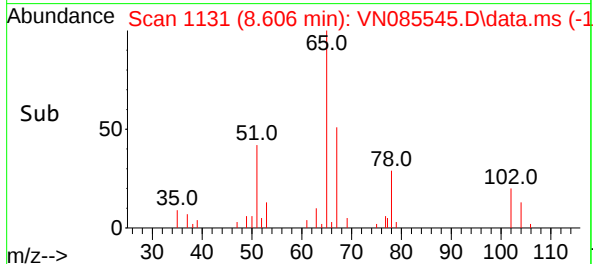
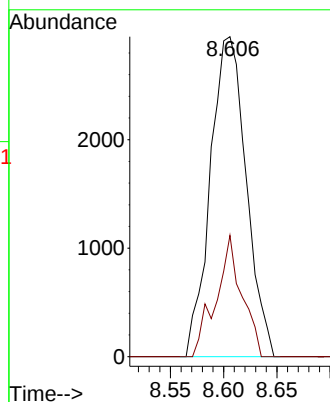
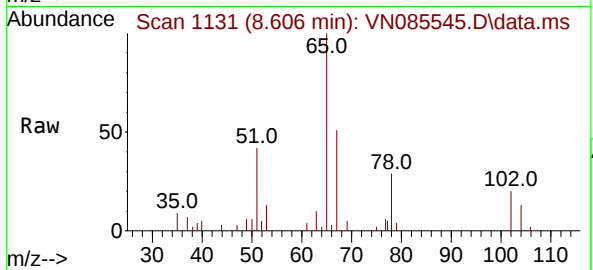




#40
Benzene
Concen: 0.721 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

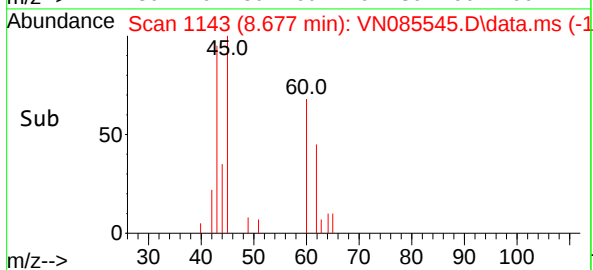
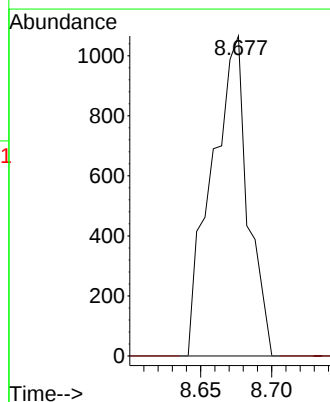
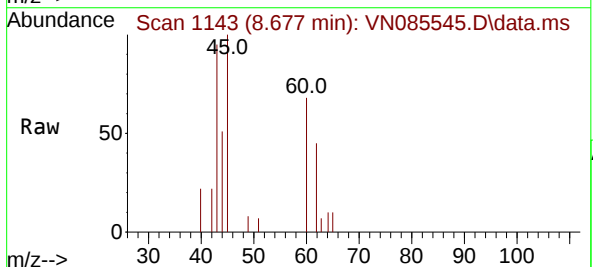
Instrument :
MSVOA_N
ClientSampleId :

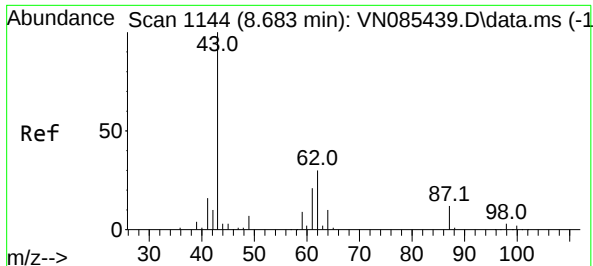
Tgt Ion: 78 Resp: 6905
Ion Ratio Lower Upper
78 100
77 37.9 19.0 28.6#



#42
1,2-Dichloroethane
Concen: 0.522 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.012 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 62 Resp: 1883
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.0

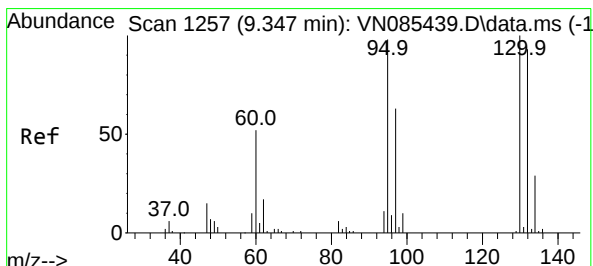
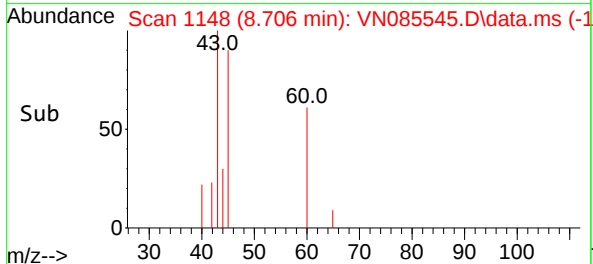
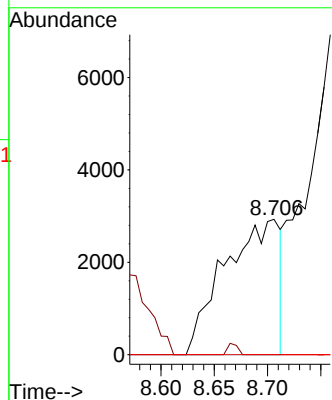
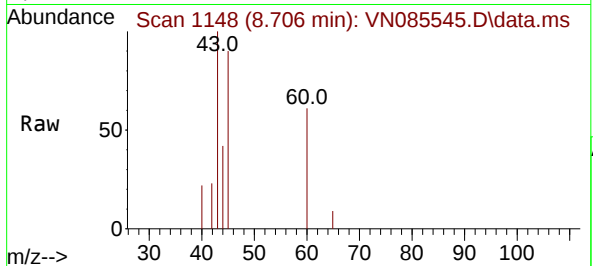




#43
Isopropyl Acetate
Concen: 2.059 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.023 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

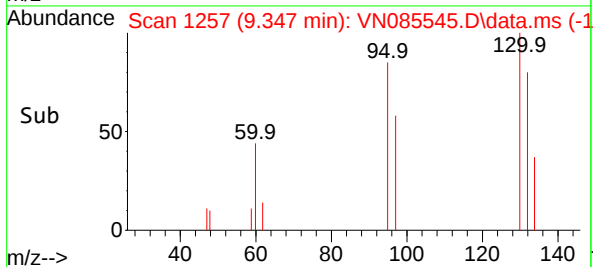
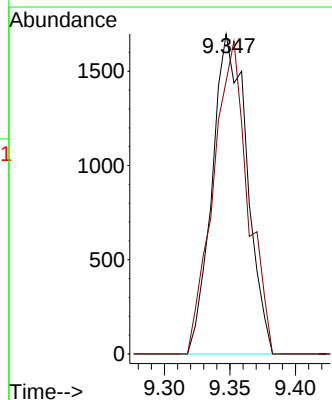
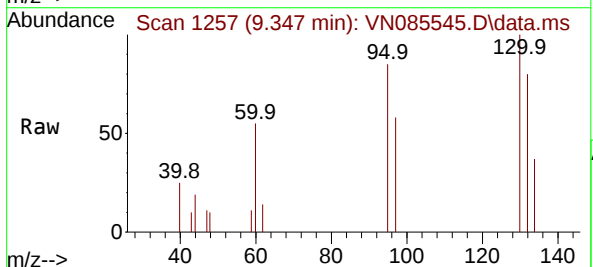
Instrument :
MSVOA_N
ClientSampleId :

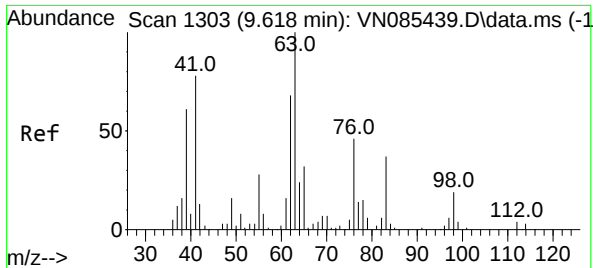
Tgt Ion: 43 Resp: 10609
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#44
Trichloroethene
Concen: 1.402 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:130 Resp: 3125
Ion Ratio Lower Upper
130 100
95 85.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 0.364 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

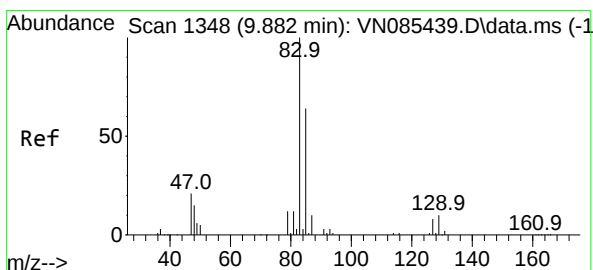
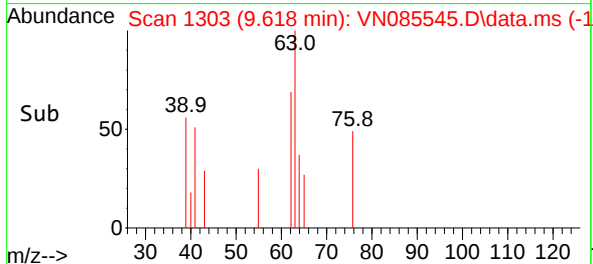
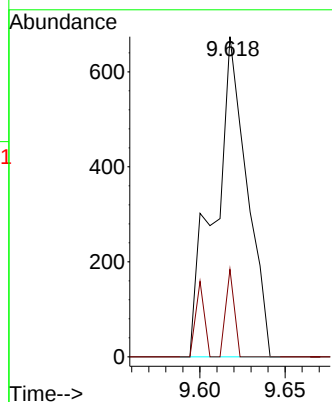
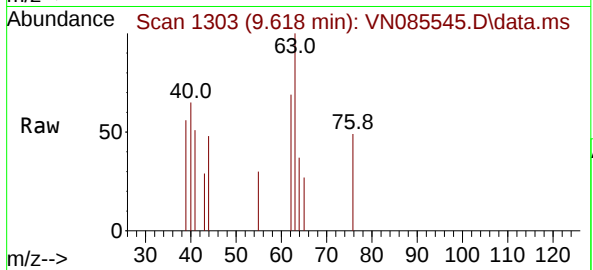
ClientSampleId :

Tgt Ion: 63 Resp: 891

Ion Ratio Lower Upper

63 100

65 27.3 25.6 38.4



#47

Bromodichloromethane

Concen: 0.368 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

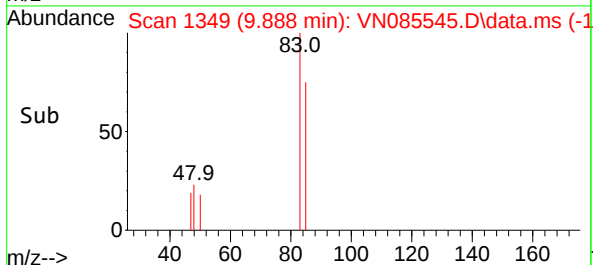
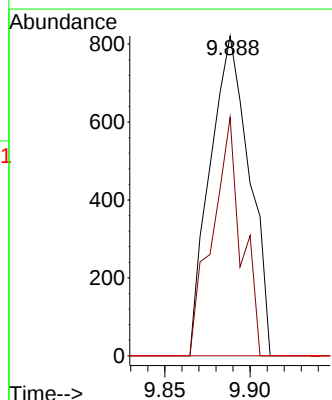
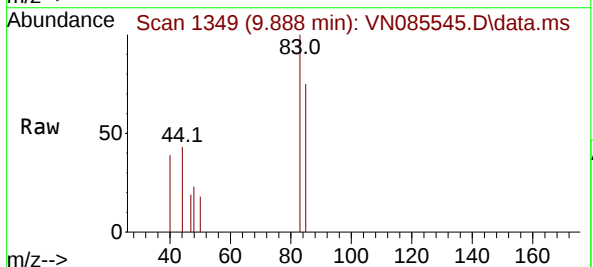
Tgt Ion: 83 Resp: 1321

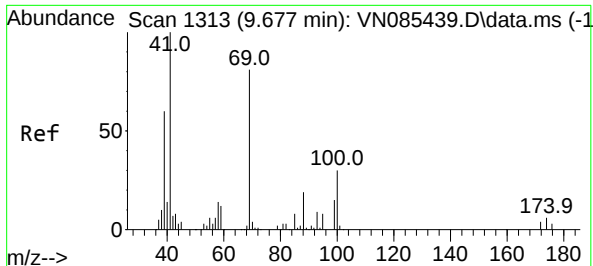
Ion Ratio Lower Upper

83 100

85 74.5 51.2 76.8

127 0.0 6.5 9.7#





#48

Methyl methacrylate

Concen: 0.448 ug/l

RT: 9.641 min Scan# 1

Delta R.T. -0.036 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

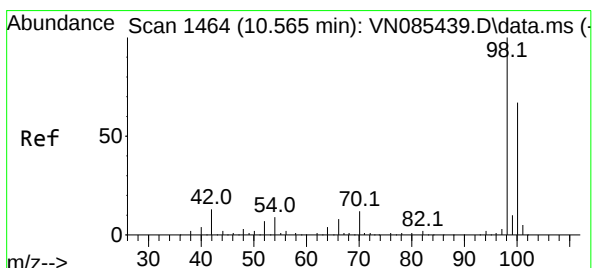
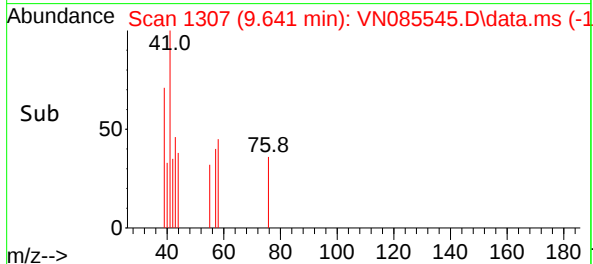
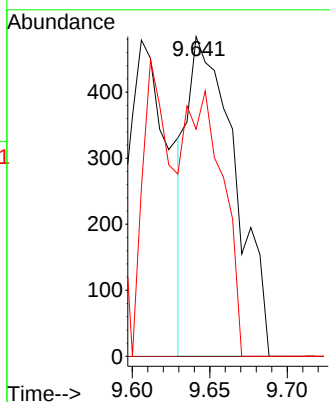
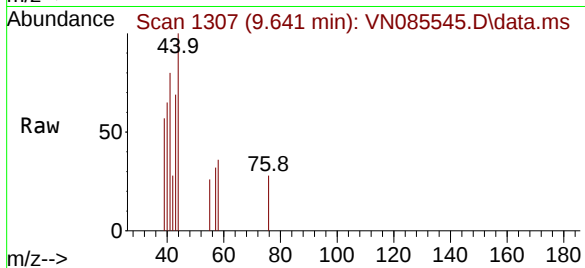
Tgt Ion: 41 Resp: 1038

Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

39 64.7 49.0 73.6



#50

Toluene-d8

Concen: 46.903 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085545.D

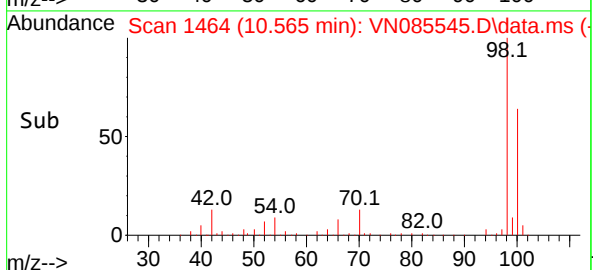
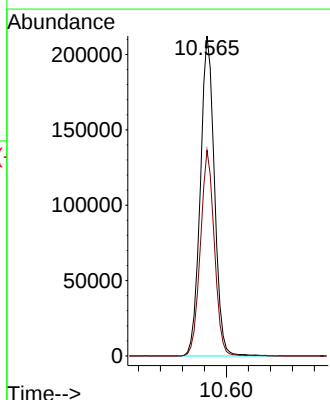
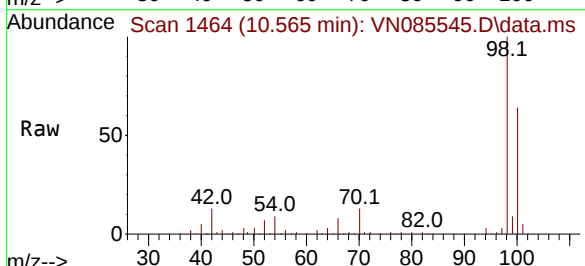
Acq: 28 Jan 2025 17:50

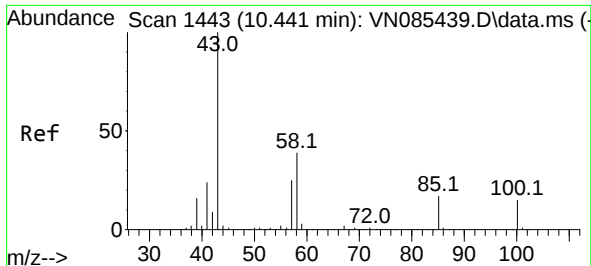
Tgt Ion: 98 Resp: 378279

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4

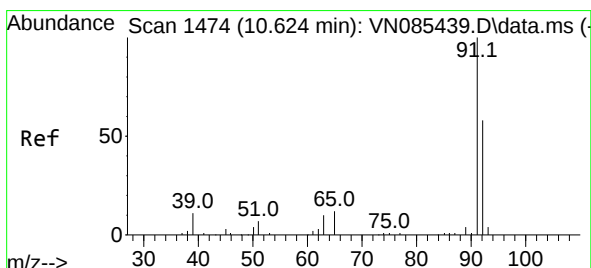
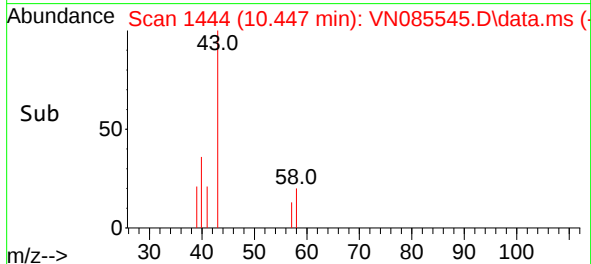
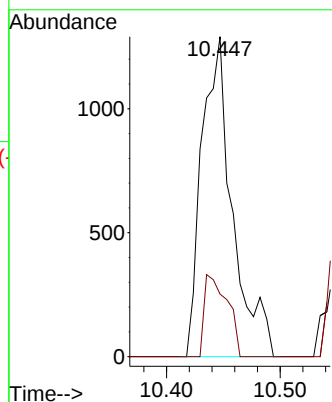
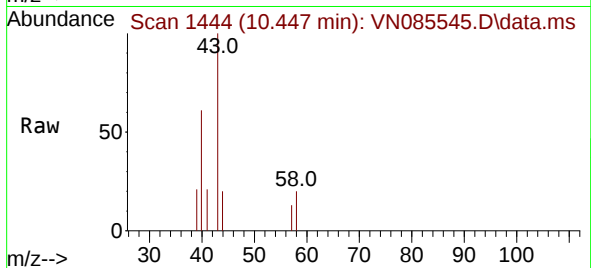




#51
4-Methyl-2-Pentanone
Concen: 0.807 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

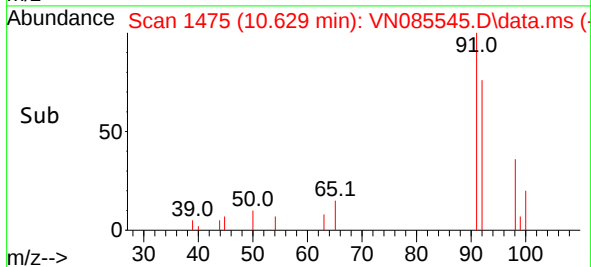
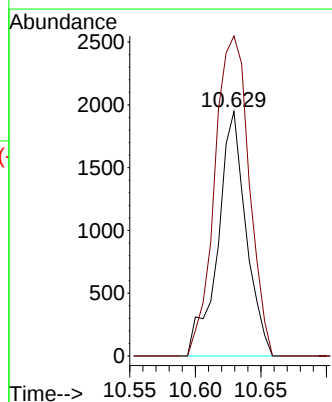
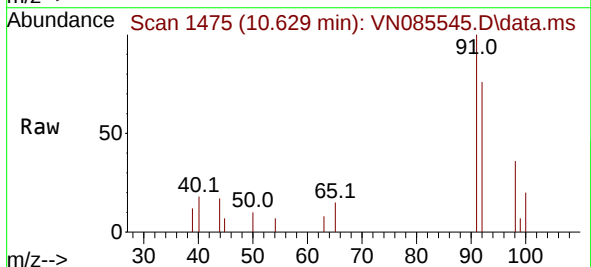
Instrument :
MSVOA_N
ClientSampleId :

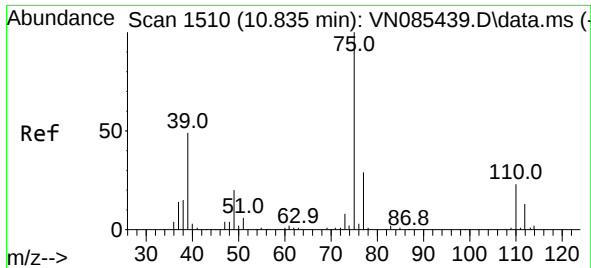
Tgt Ion: 43 Resp: 2413
Ion Ratio Lower Upper
43 100
58 19.2 30.5 45.7#



#52
Toluene
Concen: 0.524 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 92 Resp: 2909
Ion Ratio Lower Upper
92 100
91 159.9 139.2 208.8

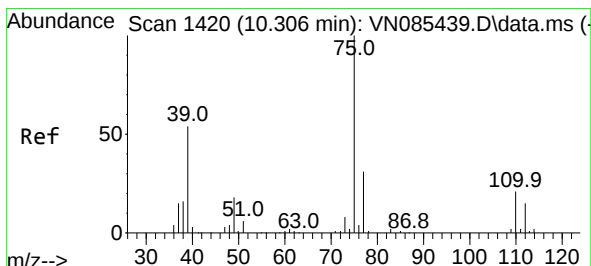
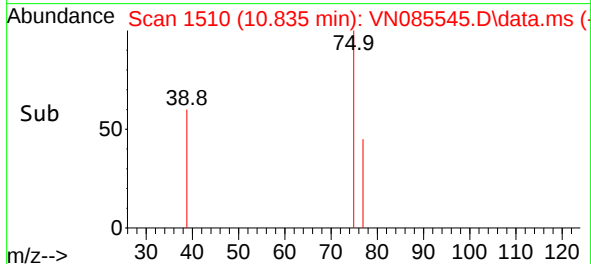
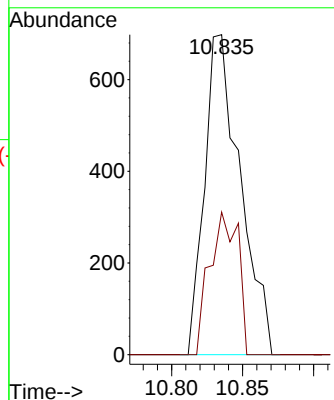
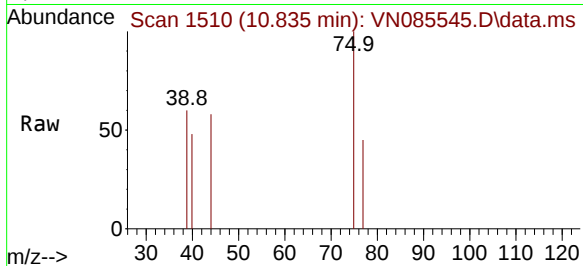




#53
 t-1,3-Dichloropropene
 Concen: 0.359 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

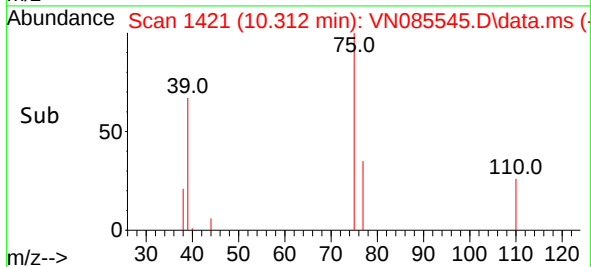
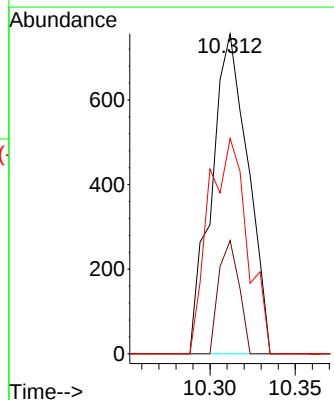
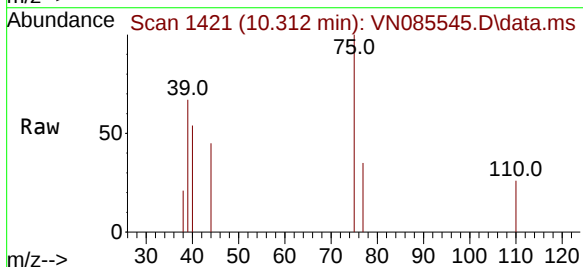
Instrument :
 MSVOA_N
 ClientSampleId :

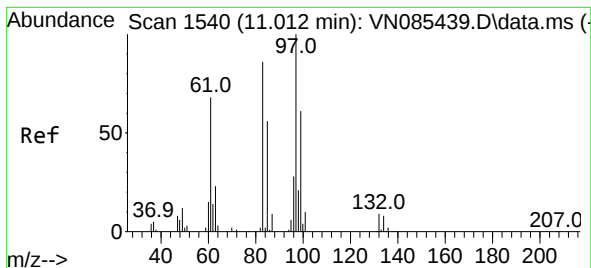
Tgt Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 44.6 23.5 35.3#



#54
 cis-1,3-Dichloropropene
 Concen: 0.310 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Tgt Ion: 75 Resp: 1126
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.0 37.4
 39 67.3 43.1 64.7#





#55

1,1,2-Trichloroethane

Concen: 0.419 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 919

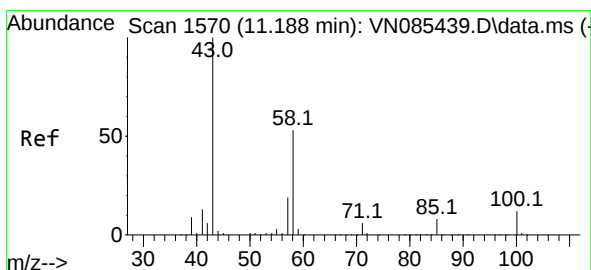
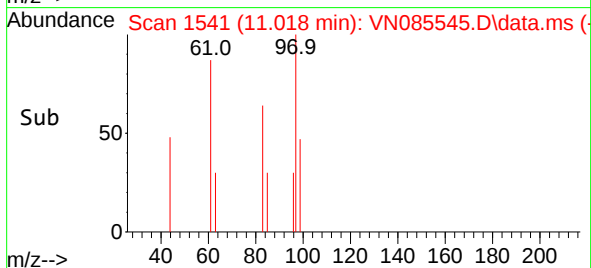
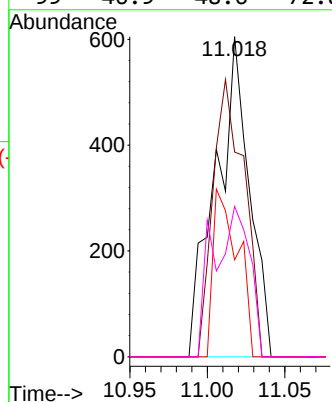
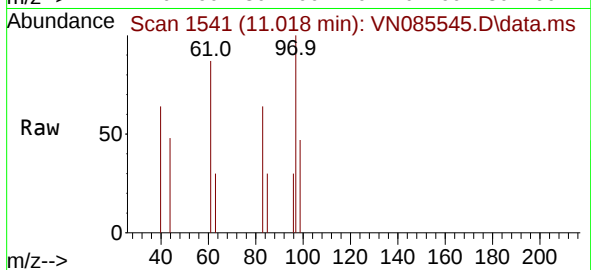
Ion Ratio Lower Upper

97 100

83 64.0 69.0 103.6#

85 30.2 44.6 66.8#

99 46.9 48.6 72.8#



#59

2-Hexanone

Concen: 0.876 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.012 min

Lab File: VN085545.D

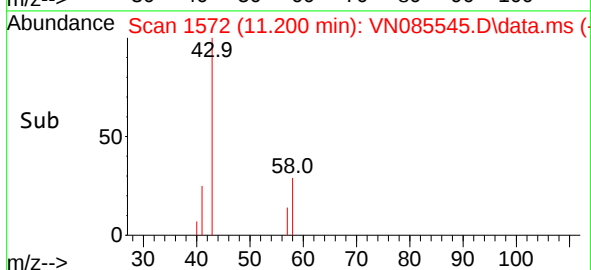
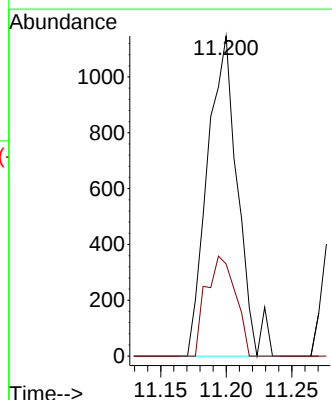
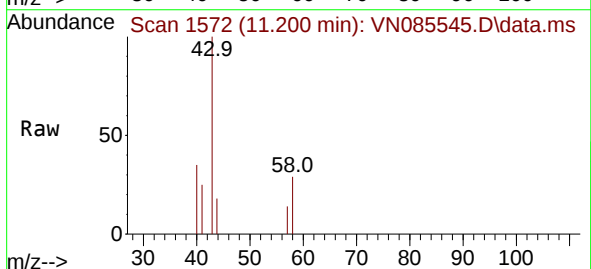
Acq: 28 Jan 2025 17:50

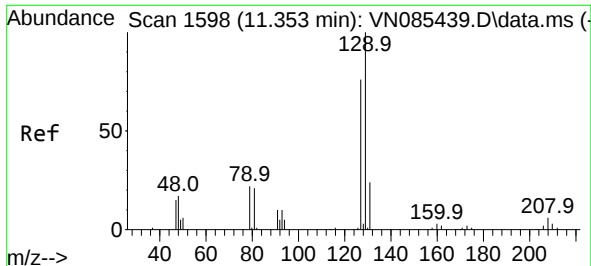
Tgt Ion: 43 Resp: 1842

Ion Ratio Lower Upper

43 100

58 30.2 26.2 78.6

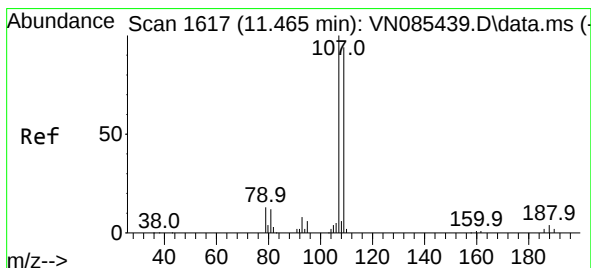
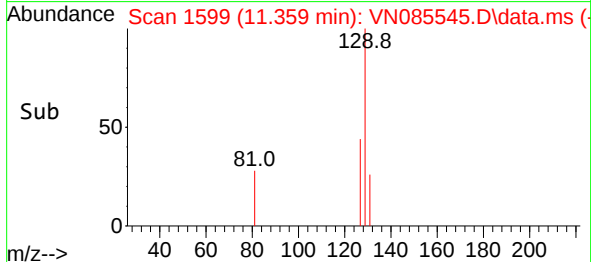
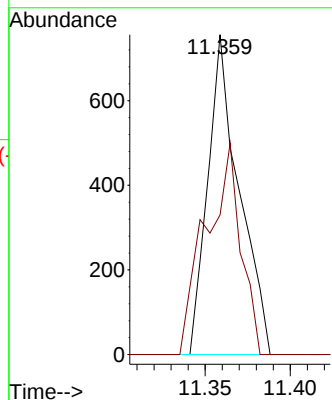
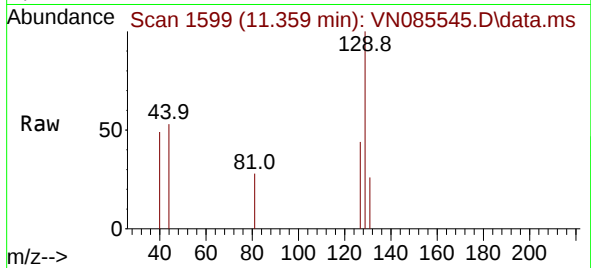




#60
Dibromochloromethane
Concen: 0.365 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

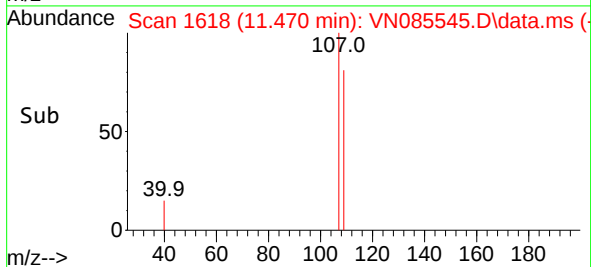
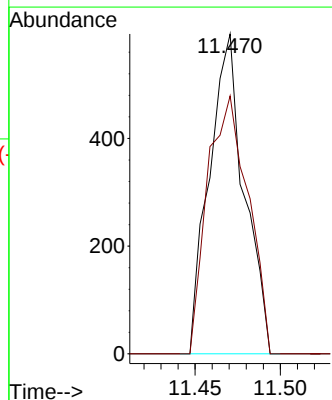
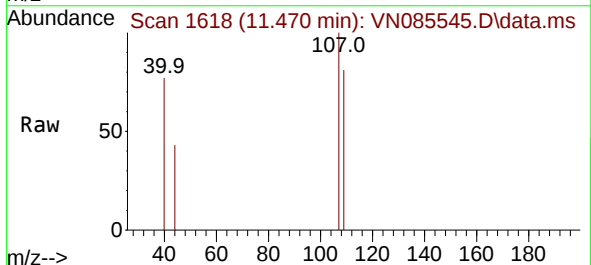
Instrument :
MSVOA_N
ClientSampleId :

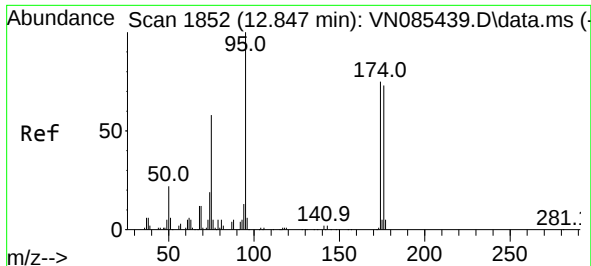
Tgt Ion:129 Resp: 966
Ion Ratio Lower Upper
129 100
127 73.2 38.6 115.8



#61
1,2-Dibromoethane
Concen: 0.388 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:107 Resp: 848
Ion Ratio Lower Upper
107 100
109 93.8 75.9 113.9

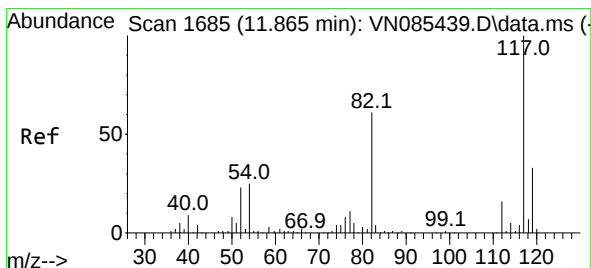
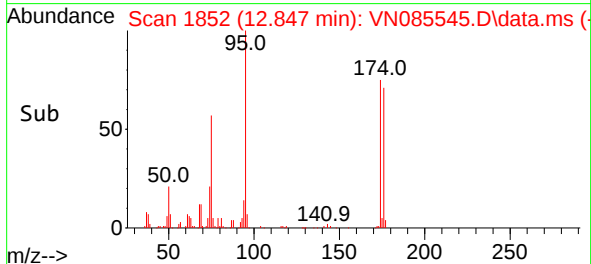
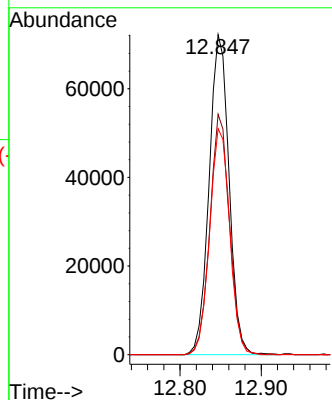
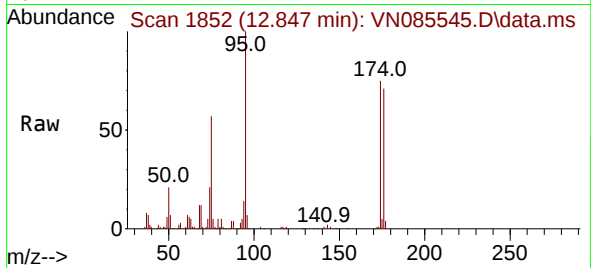




#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

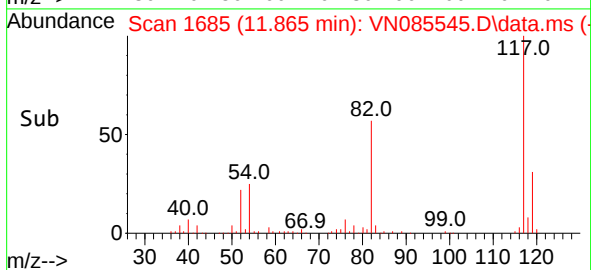
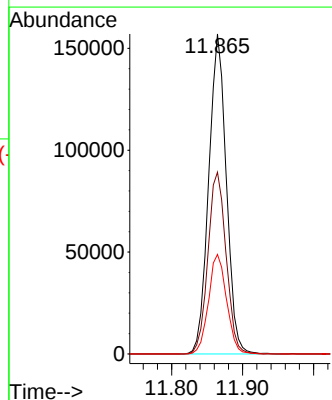
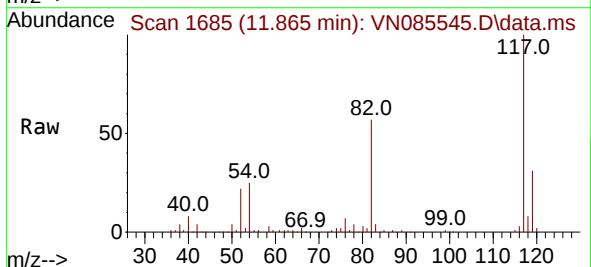
Instrument :
MSVOA_N
ClientSampleId :

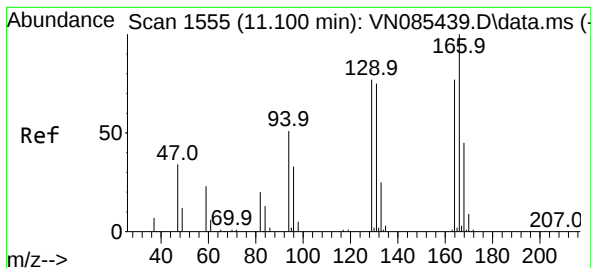
Tgt Ion: 95 Resp: 122753
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.0
176 71.2 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 117 Resp: 270505
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 31.1 26.6 39.8





#64

Tetrachloroethene

Concen: 0.664 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

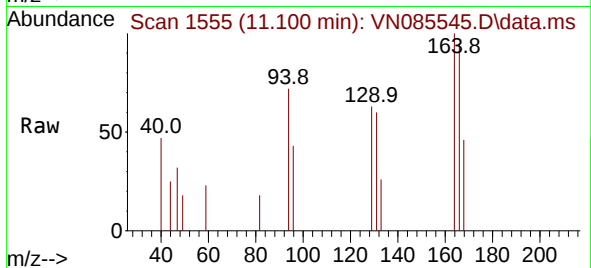
Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 1224

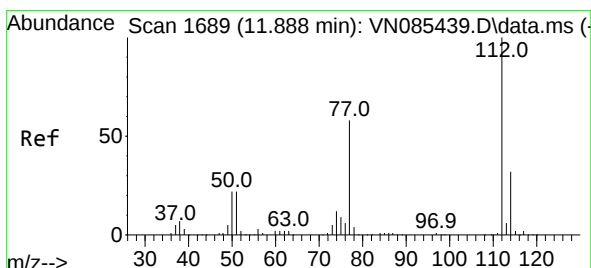
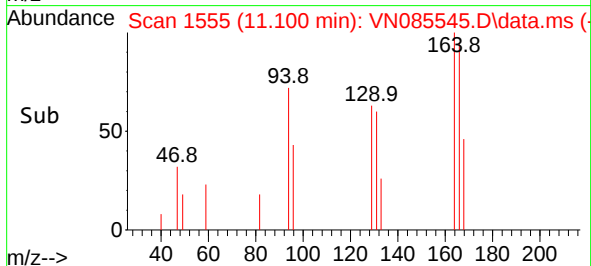
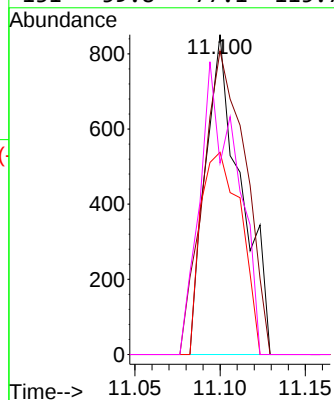
Ion Ratio Lower Upper

164 100

166 94.9 103.4 155.2#

129 63.2 79.2 118.8#

131 59.8 77.1 115.7#



#65

Chlorobenzene

Concen: 0.462 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN085545.D

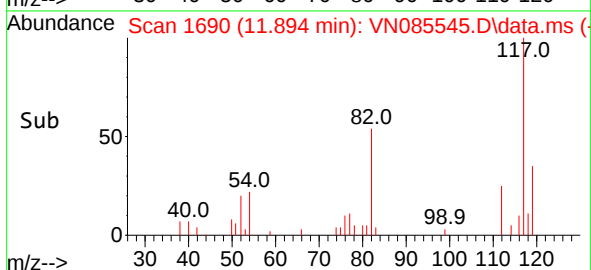
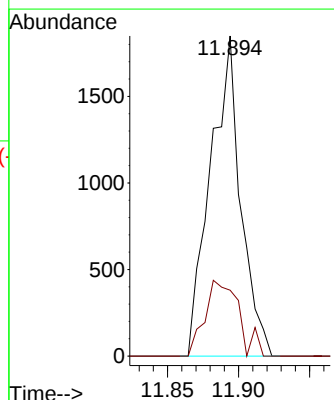
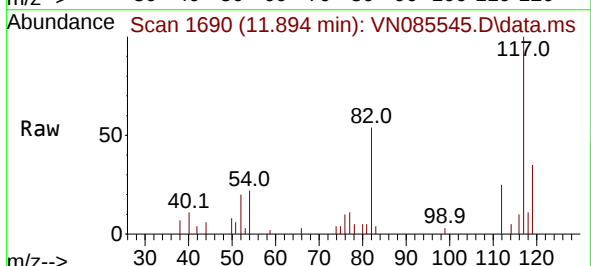
Acq: 28 Jan 2025 17:50

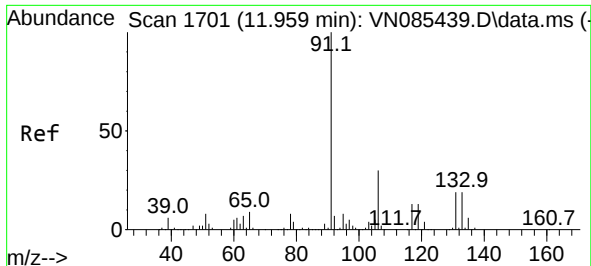
Tgt Ion:112 Resp: 2738

Ion Ratio Lower Upper

112 100

114 20.6 25.3 37.9#

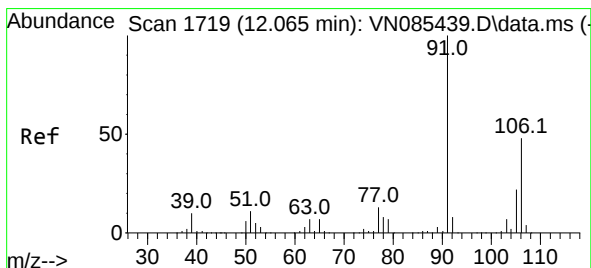
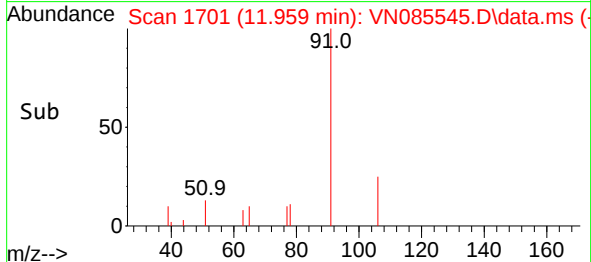
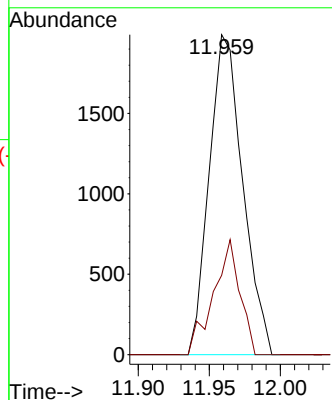
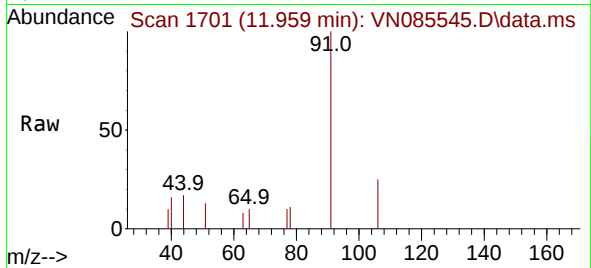




#67
Ethyl Benzene
Concen: 0.338 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

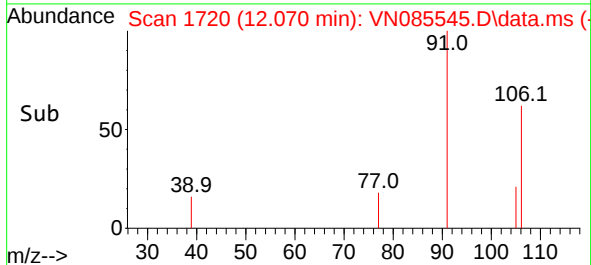
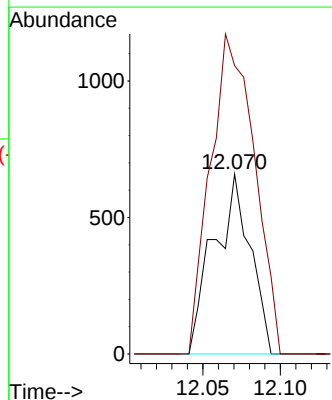
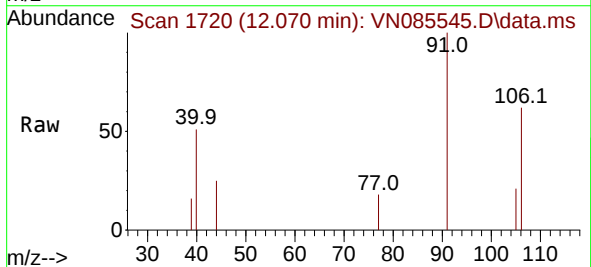
Instrument :
MSVOA_N
ClientSampleId :

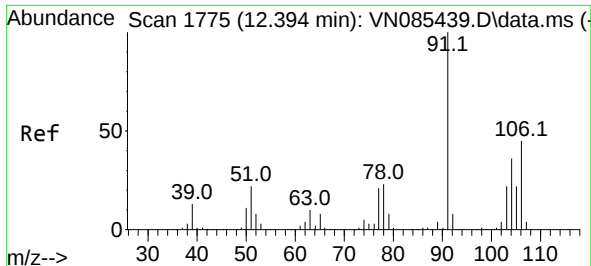
Tgt Ion: 91 Resp: 3265
Ion Ratio Lower Upper
91 100
106 24.8 23.8 35.8



#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 106 Resp: 1081
Ion Ratio Lower Upper
106 100
91 214.1 167.7 251.5

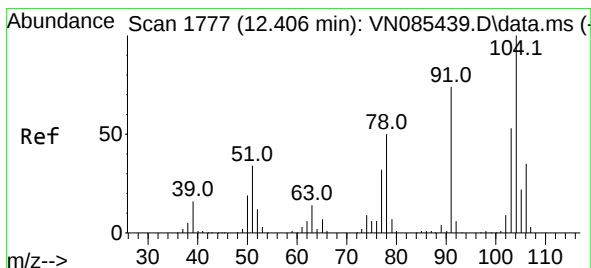
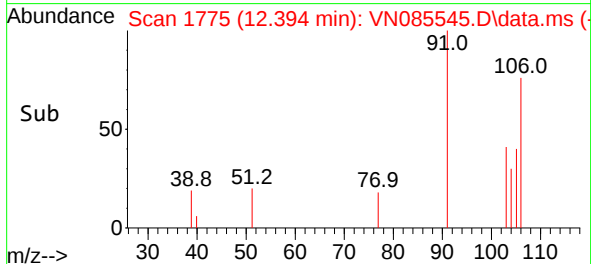
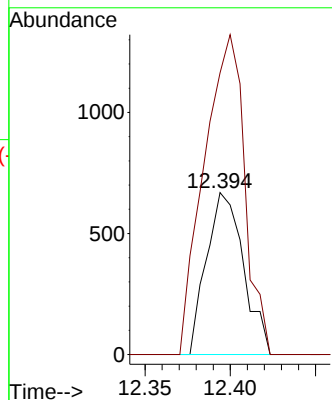
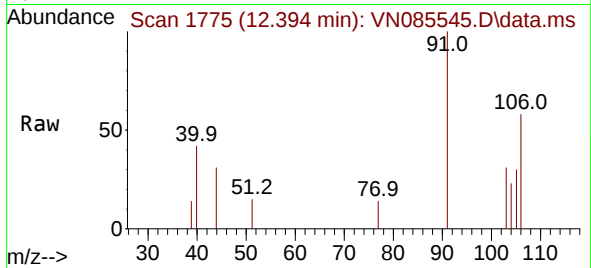




#69
o-Xylene
Concen: 0.296 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

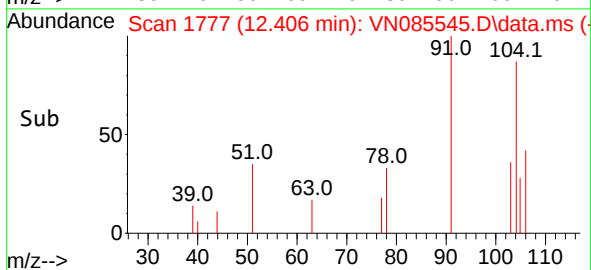
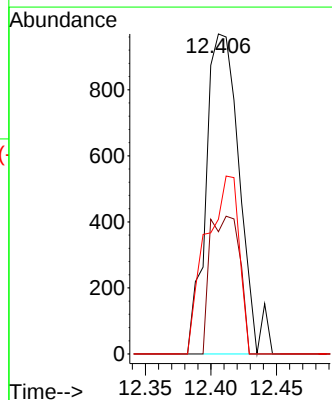
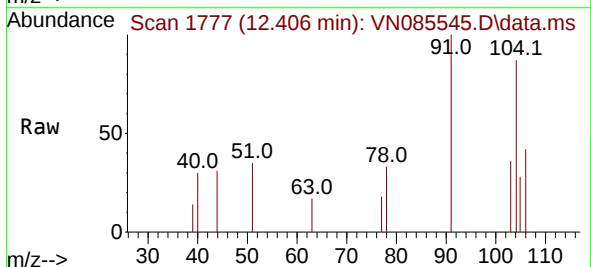
Instrument :
MSVOA_N
ClientSampleId :

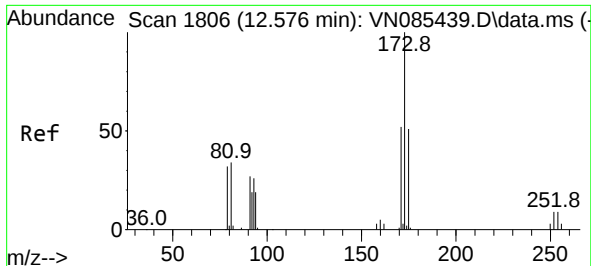
Tgt Ion:106 Resp: 1009
Ion Ratio Lower Upper
106 100
91 216.8 110.4 331.2



#70
Styrene
Concen: 0.306 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:104 Resp: 1725
Ion Ratio Lower Upper
104 100
78 38.2 42.5 63.7#
103 54.2 43.8 65.8

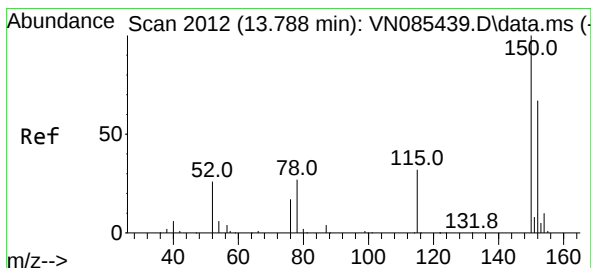
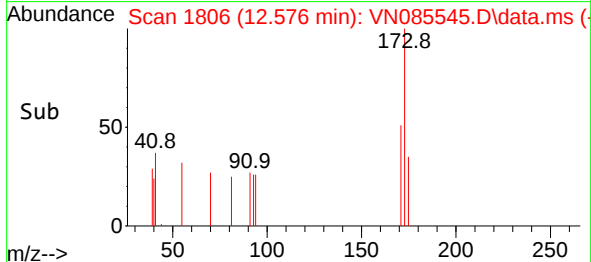
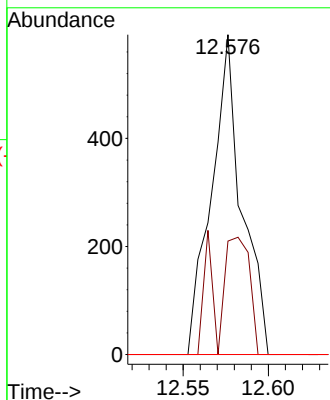
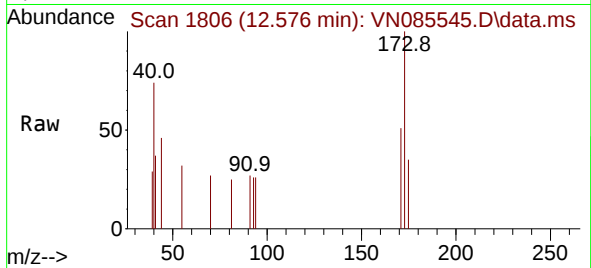




#71
Bromoform
Concen: 0.472 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

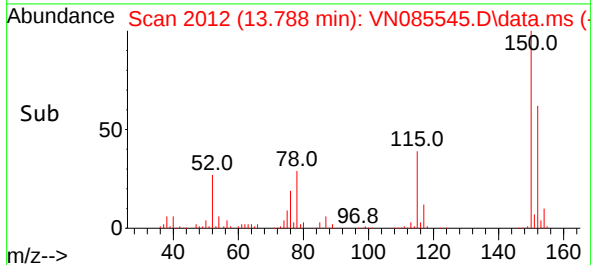
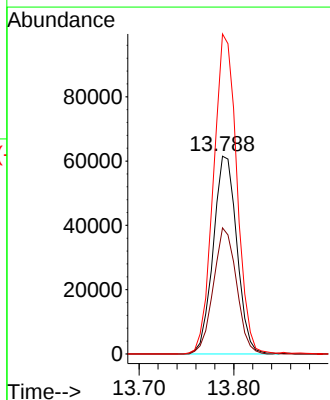
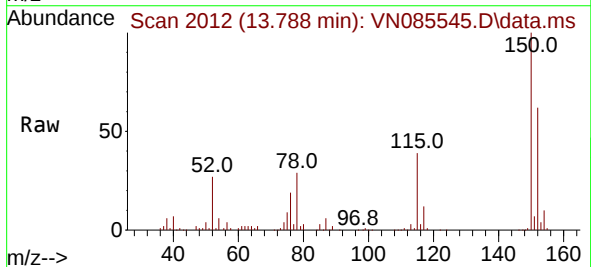
Instrument :
MSVOA_N
ClientSampleId :

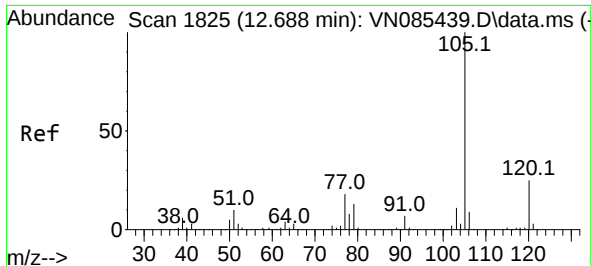
Tgt Ion:173 Resp: 734
Ion Ratio Lower Upper
173 100
175 40.7 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:152 Resp: 106728
Ion Ratio Lower Upper
152 100
115 62.4 31.1 93.3
150 160.4 0.0 343.6

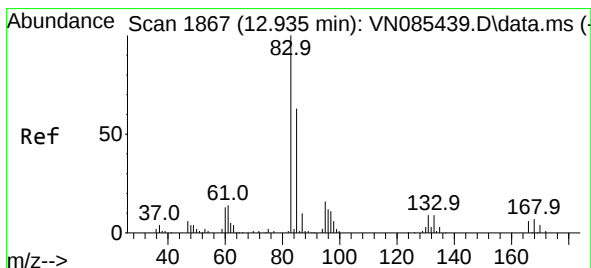
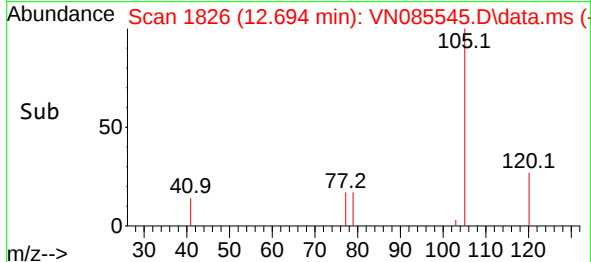
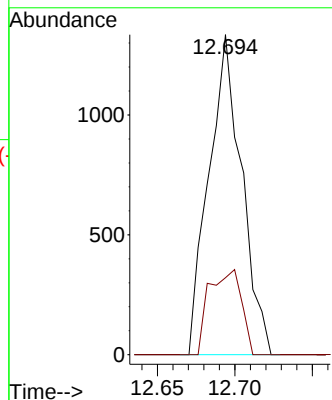
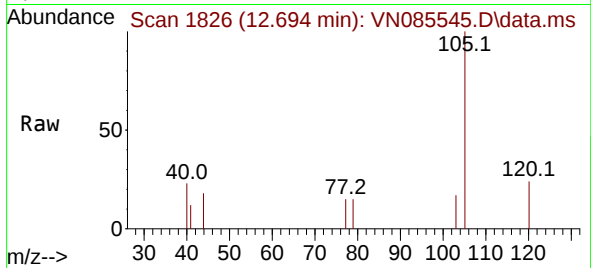




#73
Isopropylbenzene
Concen: 0.273 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

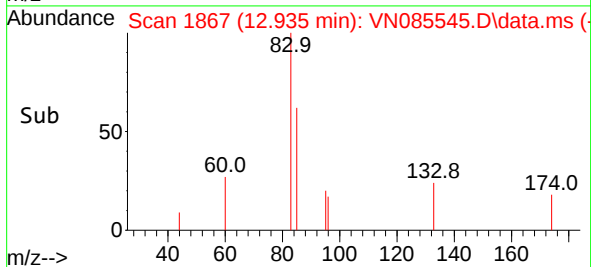
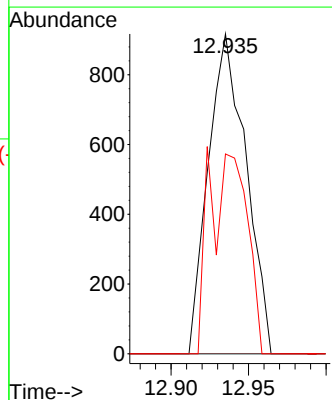
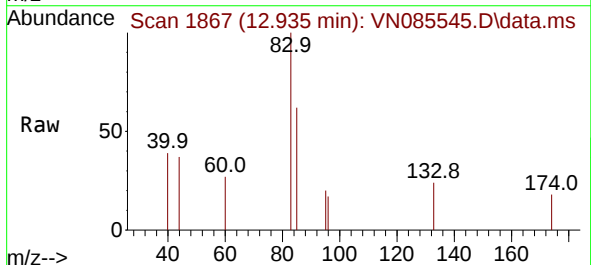
Instrument :
MSVOA_N
ClientSampleId :

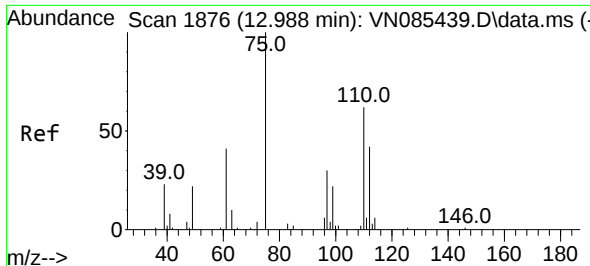
Tgt Ion:105 Resp: 1965
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3



#75
1,1,2,2-Tetrachloroethane
Concen: 0.610 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion: 83 Resp: 1551
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 62.9 32.2 96.6

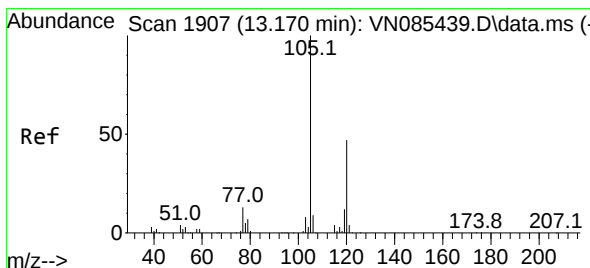
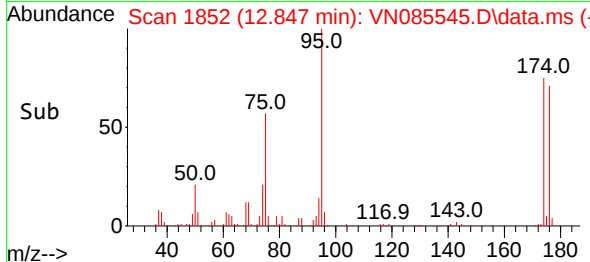
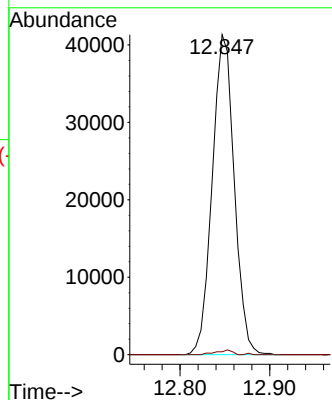
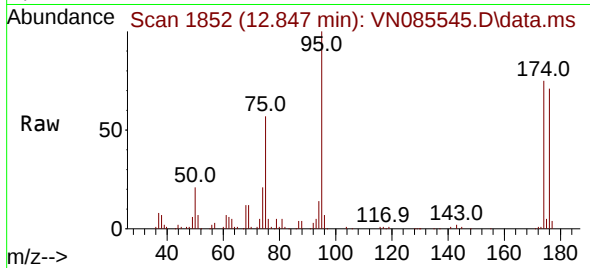




#76
 1,2,3-Trichloropropane
 Concen: 32.448 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. -0.141 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

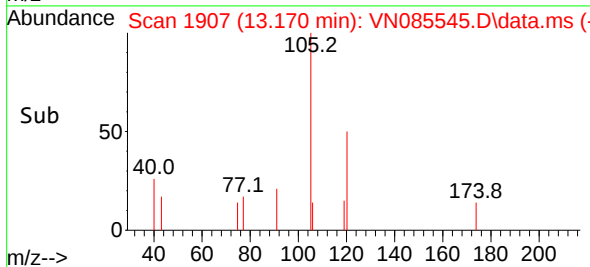
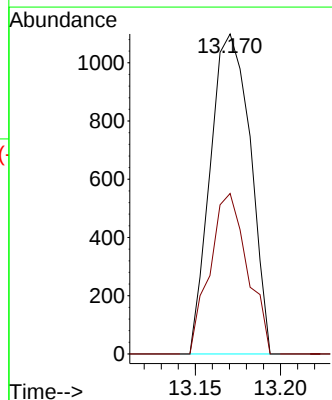
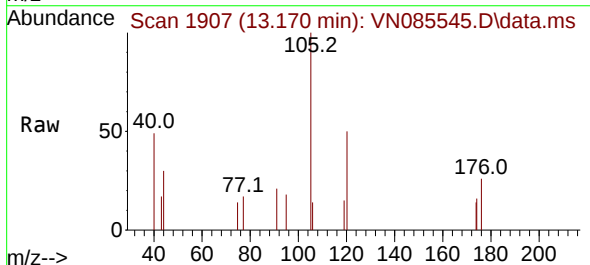
Instrument :
 MSVOA_N
 ClientSampleId :

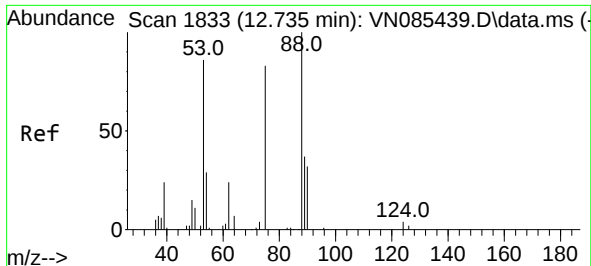
Tgt Ion: 75 Resp: 70388
 Ion Ratio Lower Upper
 75 100
 77 1.1 109.7 329.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.301 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Tgt Ion:105 Resp: 1791
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.9 71.7

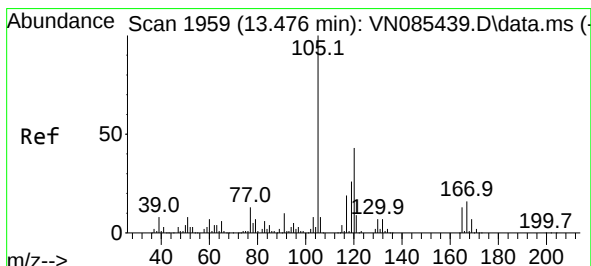
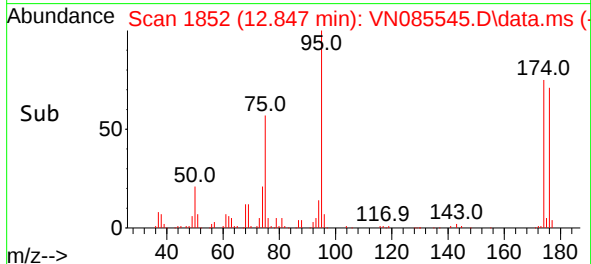
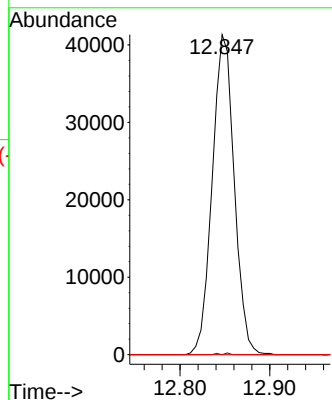
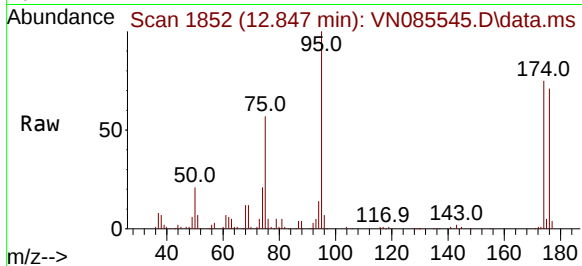




#81
trans-1,4-Dichloro-2-butene
Concen: 87.790 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

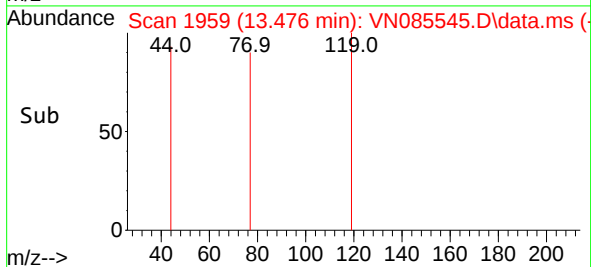
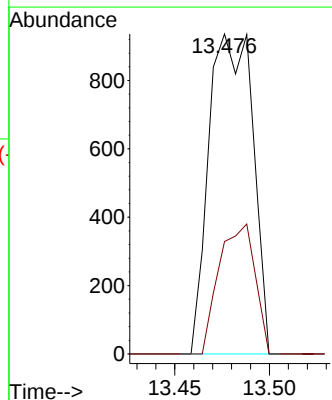
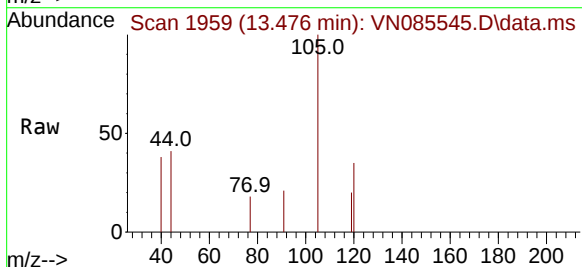
Instrument :
MSVOA_N
ClientSampleId :

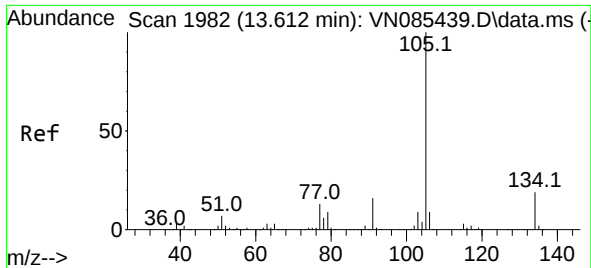
Tgt Ion: 75 Resp: 70388
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.254 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085545.D
Acq: 28 Jan 2025 17:50

Tgt Ion:105 Resp: 1506
Ion Ratio Lower Upper
105 100
120 33.3 21.6 65.0

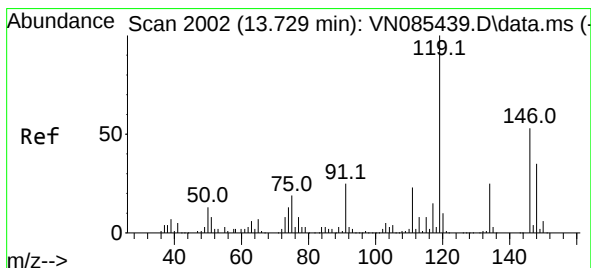
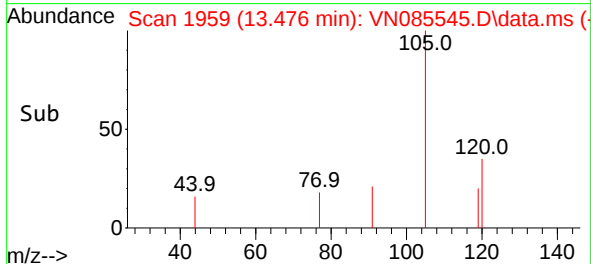
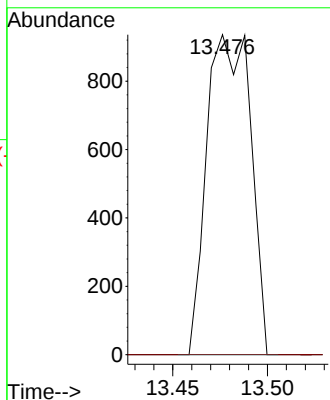
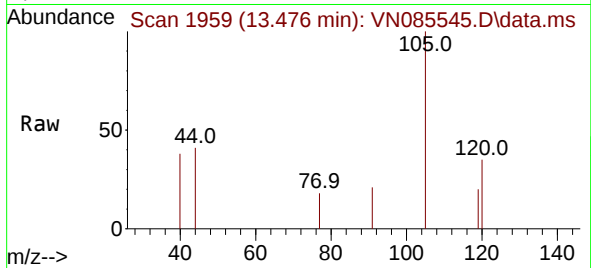




#85
 sec-Butylbenzene
 Concen: 0.217 ug/l
 RT: 13.476 min Scan# 1982
 Delta R.T. -0.136 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

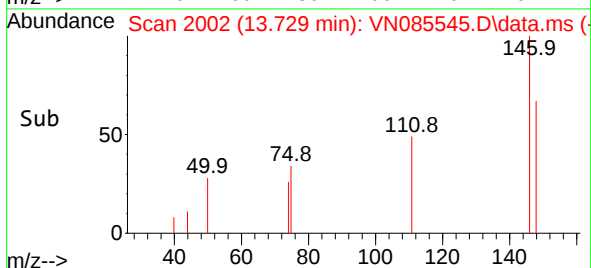
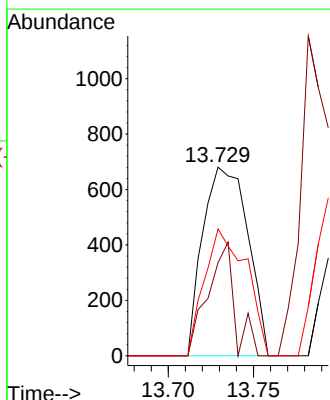
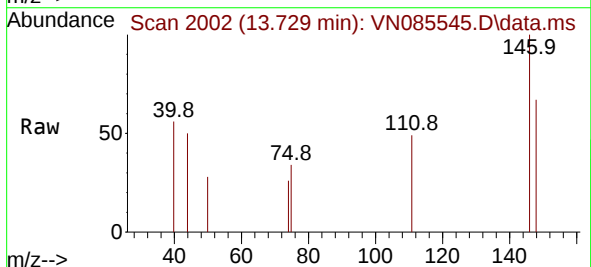
Instrument :
 MSVOA_N
 ClientSampleId :

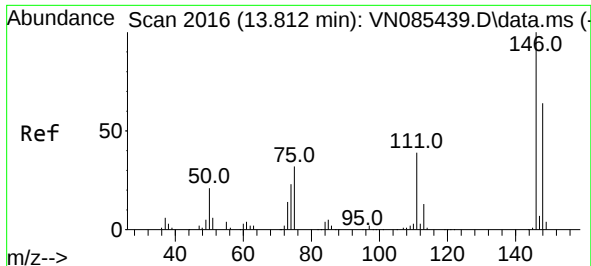
Tgt Ion:105 Resp: 1506
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#



#87
 1,3-Dichlorobenzene
 Concen: 0.362 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

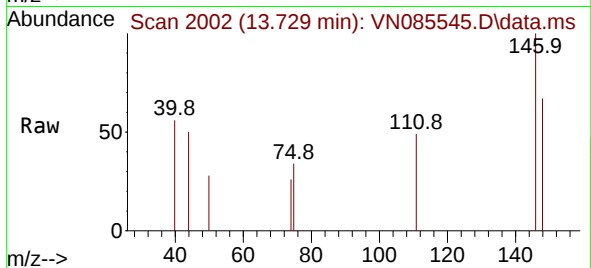
Tgt Ion:146 Resp: 1254
 Ion Ratio Lower Upper
 146 100
 111 35.9 21.4 64.3
 148 62.5 32.3 96.9



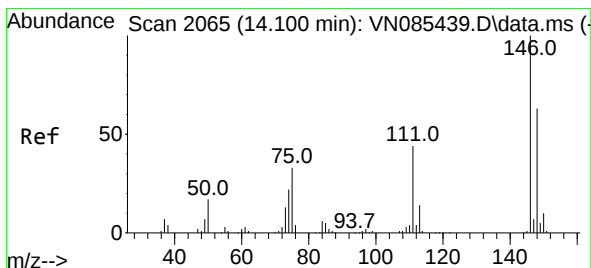
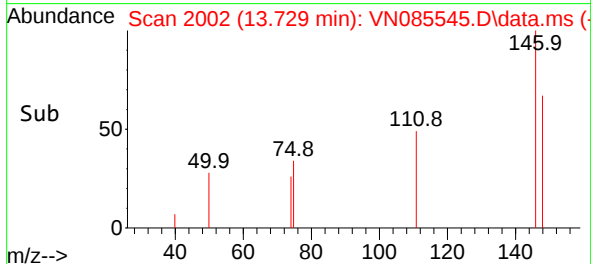
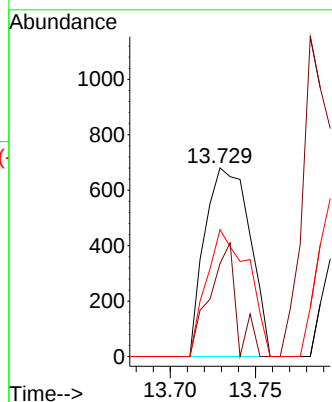


#88
 1,4-Dichlorobenzene
 Concen: 0.349 ug/l
 RT: 13.729 min Scan# 2016
 Delta R.T. -0.082 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Instrument :
 MSVOA_N
 ClientSampleId :

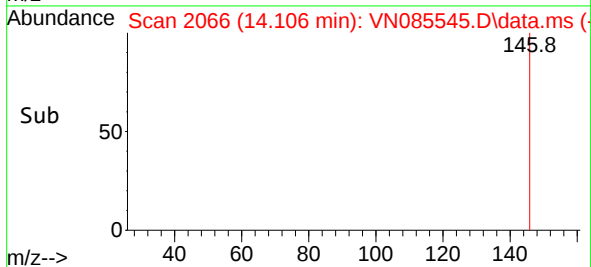
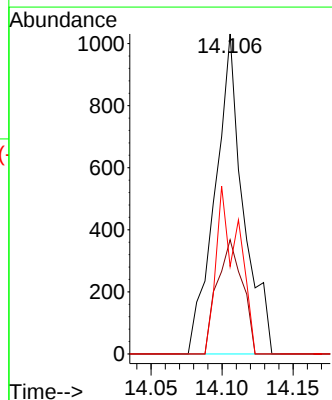
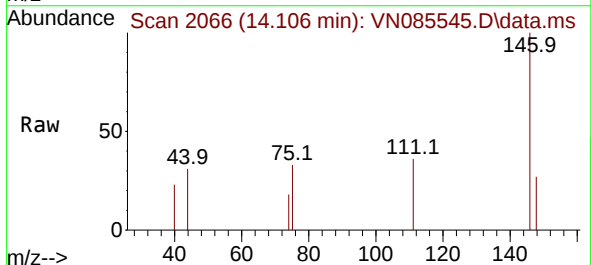


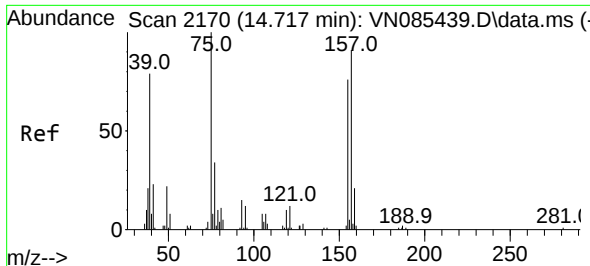
Tgt Ion:146 Resp: 1254
 Ion Ratio Lower Upper
 146 100
 111 35.9 21.3 63.7
 148 62.5 32.4 97.0



#91
 1,2-Dichlorobenzene
 Concen: 0.411 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Tgt Ion:146 Resp: 1420
 Ion Ratio Lower Upper
 146 100
 111 32.1 21.7 65.1
 148 41.7 31.4 94.2

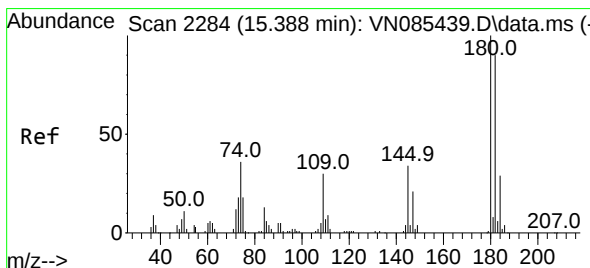
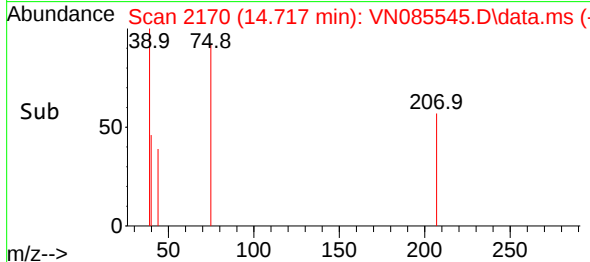
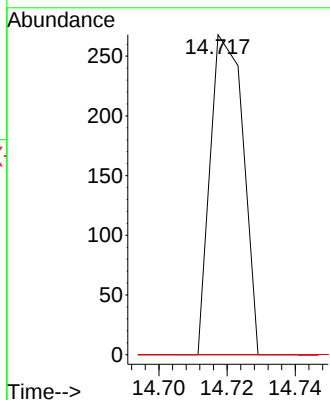
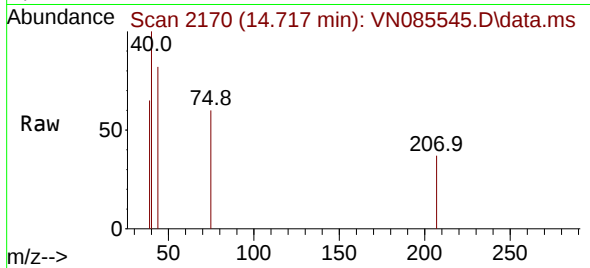




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.387 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

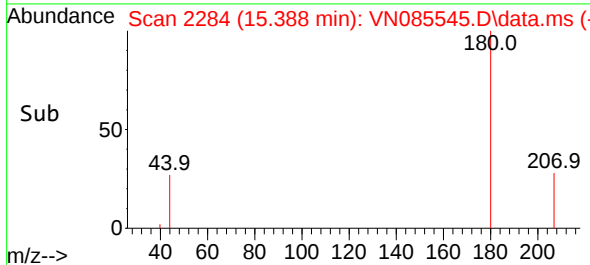
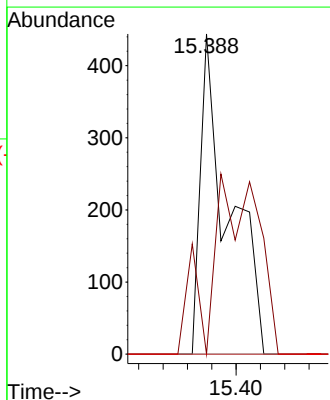
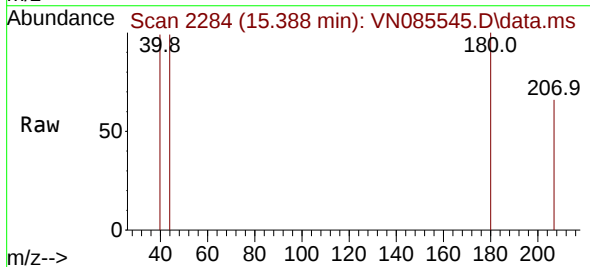
Instrument :
 MSVOA_N
 ClientSampleId :

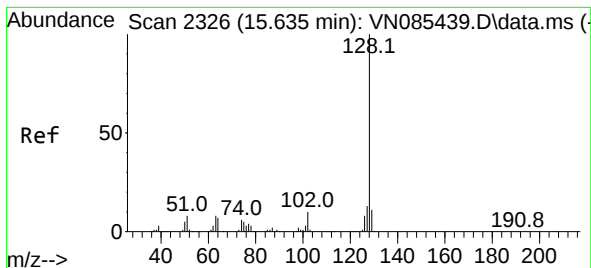
Tgt Ion: 75 Resp: 180
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.4 109.2#
 157 0.0 45.4 136.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.220 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN085545.D
 Acq: 28 Jan 2025 17:50

Tgt Ion: 180 Resp: 354
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.8 140.3
 145 0.0 16.0 48.0#





#95

Naphthalene

Concen: 0.952 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.012 min

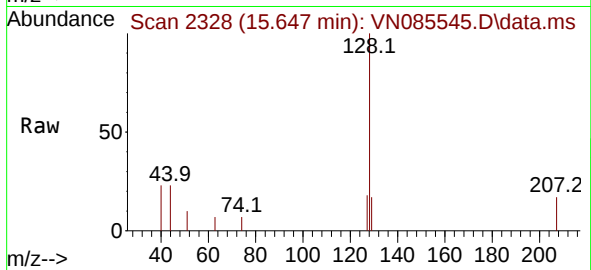
Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

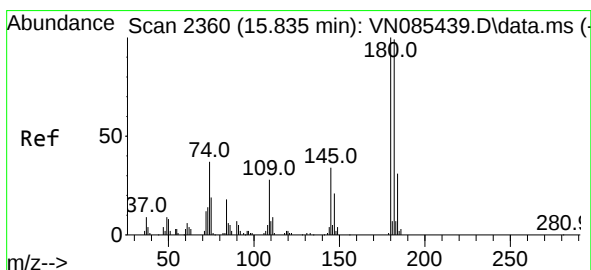
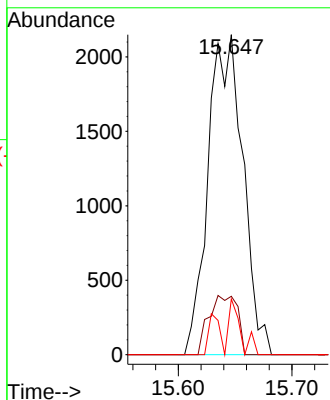
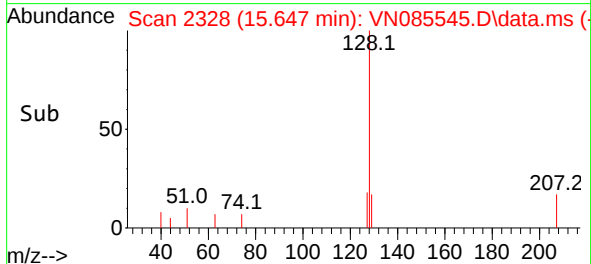
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	4566
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	16.0#
129	6.0	8.8	13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.207 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085545.D

Acq: 28 Jan 2025 17:50

Tgt Ion:	180	Resp:	337
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.4	142.2
145	0.0	16.9	50.7#

