

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085521.D
 Acq On : 27 Jan 2025 17:10
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 28 02:02:55 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	194988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	162025	51.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.960%	
35) Dibromofluoromethane	8.165	113	122515	50.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.220%	
50) Toluene-d8	10.565	98	423897	49.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.847	95	130999	44.526	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.060%	

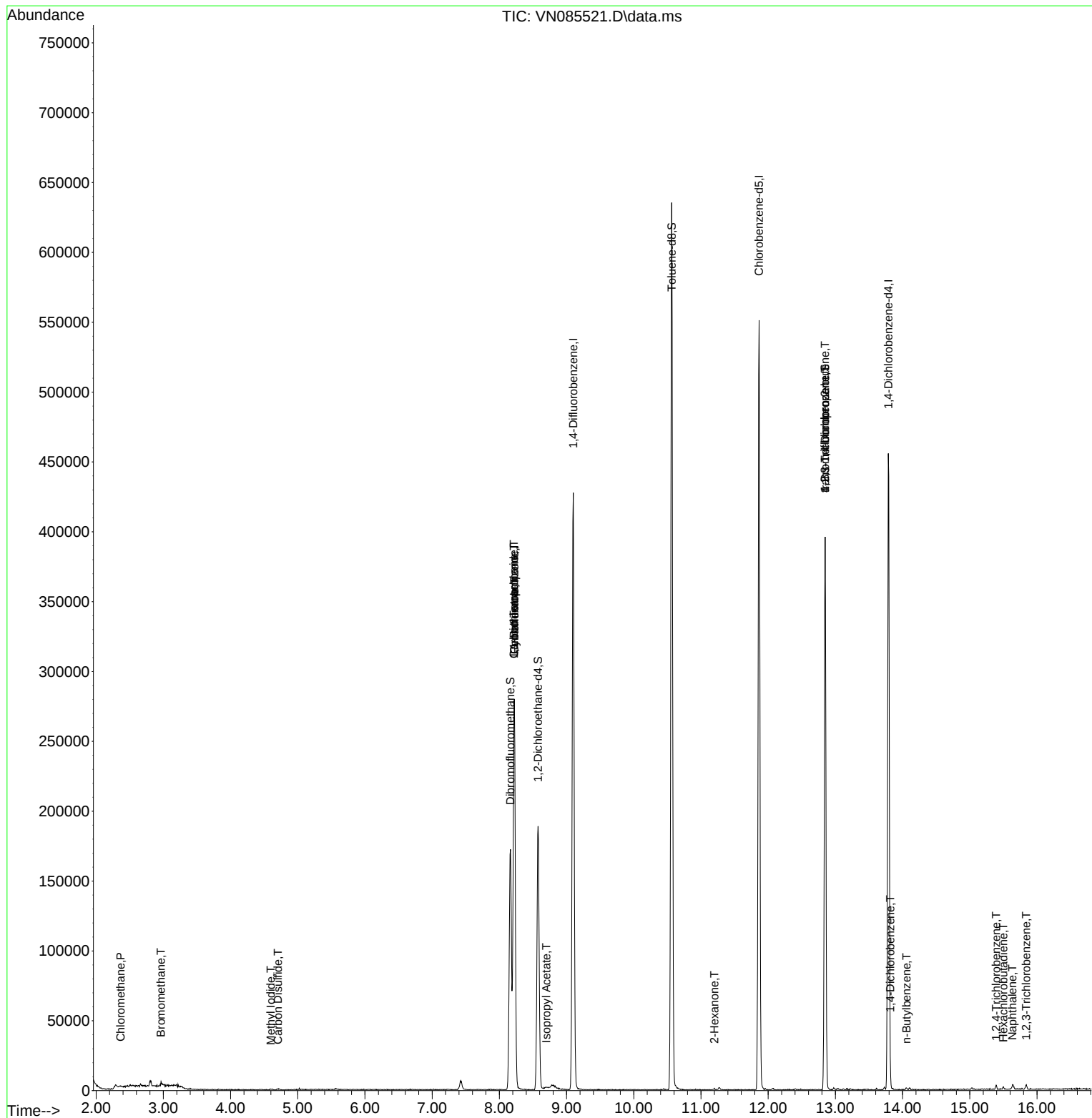
Target Compounds				Qvalue		
3) Chloromethane	2.365	50	848	0.297	ug/l #	41
5) Bromomethane	2.965	94	1047	0.603	ug/l #	77
10) Methyl Iodide	4.600	142	880	0.327	ug/l #	36
17) Carbon Disulfide	4.706	76	1372	0.213	ug/l #	76
31) Cyclohexane	8.224	56	4907	1.228	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17566	5.170	ug/l #	51
38) Carbon Tetrachloride	8.218	117	21605	5.555	ug/l #	18
43) Isopropyl Acetate	8.700	43	1596	0.290	ug/l #	55
59) 2-Hexanone	11.200	43	619	0.276	ug/l	89
76) 1,2,3-Trichloropropane	12.847	75	72494	29.999	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72494	81.166	ug/l #	3
88) 1,4-Dichlorobenzene	13.817	146	1193	0.298	ug/l #	24
89) n-Butylbenzene	14.059	91	1181	0.213	ug/l #	82
93) 1,2,4-Trichlorobenzene	15.394	180	991	0.554	ug/l	95
94) Hexachlorobutadiene	15.500	225	594	0.625	ug/l #	70
95) Naphthalene	15.635	128	4200	0.786	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	1073	0.592	ug/l	83

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
Data File : VN085521.D
Acq On : 27 Jan 2025 17:10
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 28 02:02:55 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

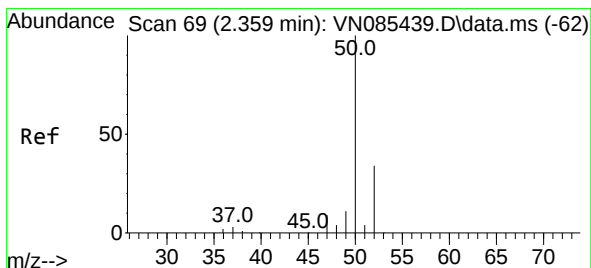
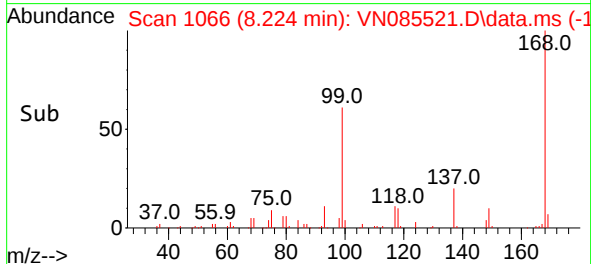
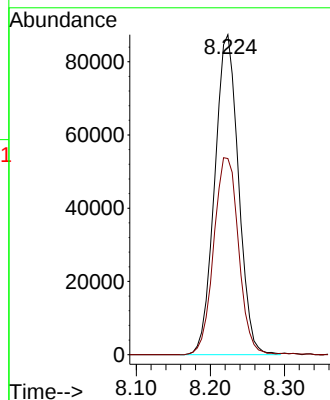
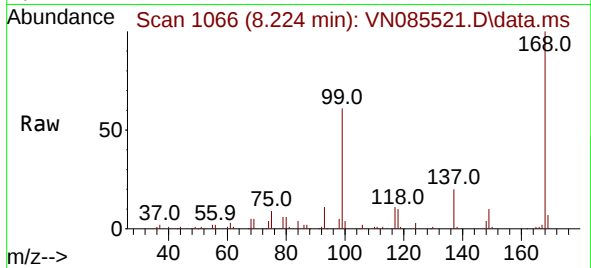




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

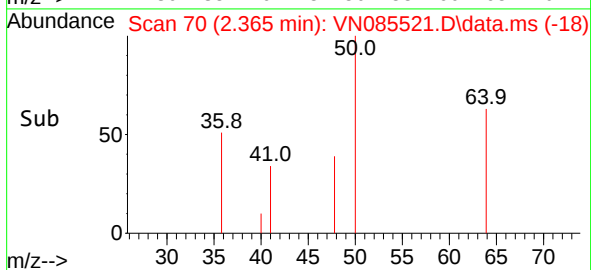
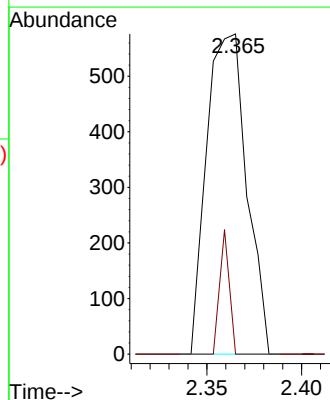
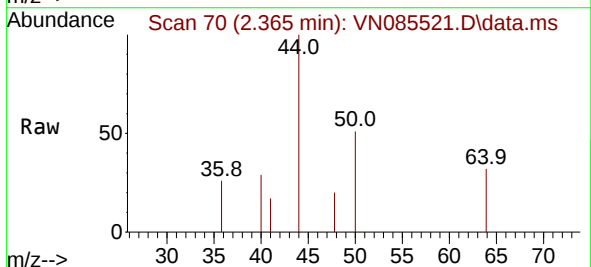
Instrument :
MSVOA_N
ClientSampleId :

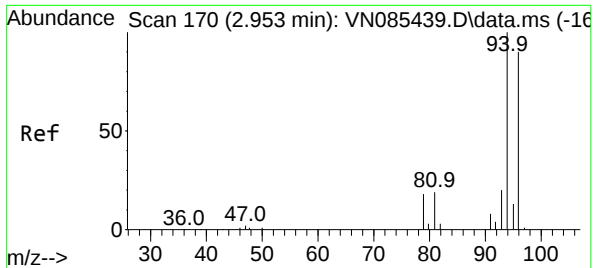
Tgt Ion:168 Resp: 194988
Ion Ratio Lower Upper
168 100
99 61.3 53.6 80.4



#3
Chloromethane
Concen: 0.297 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

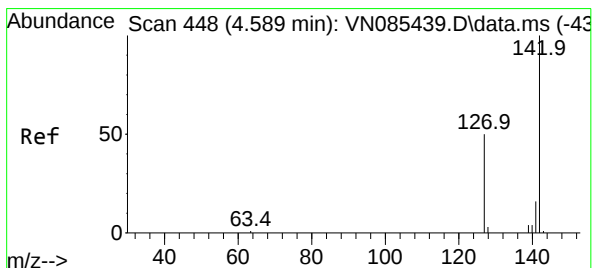
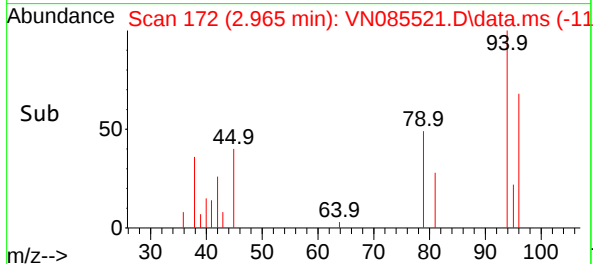
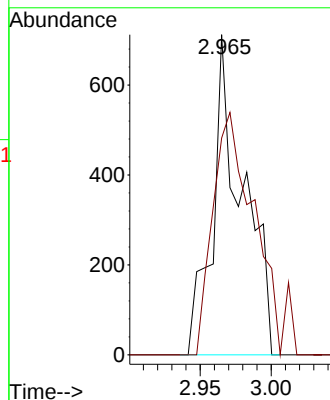
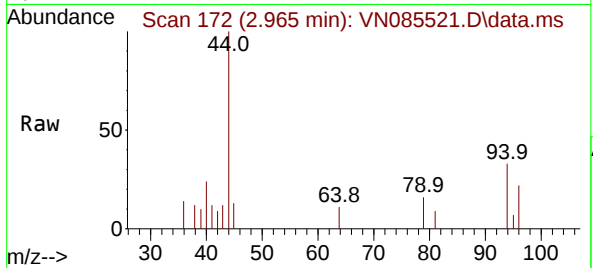




#5
Bromomethane
Concen: 0.603 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

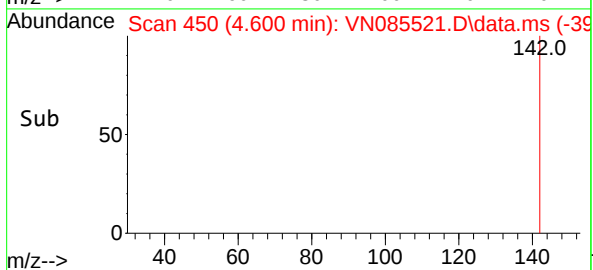
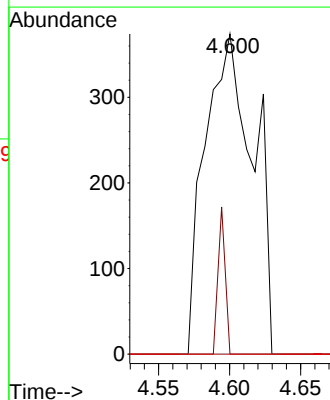
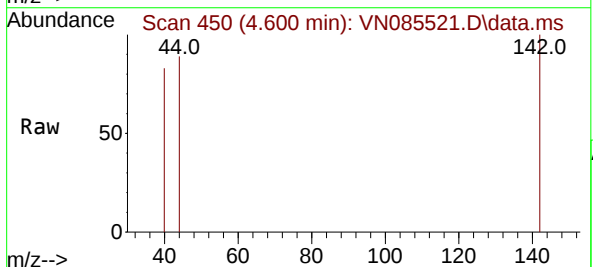
Instrument :
MSVOA_N
ClientSampleId :

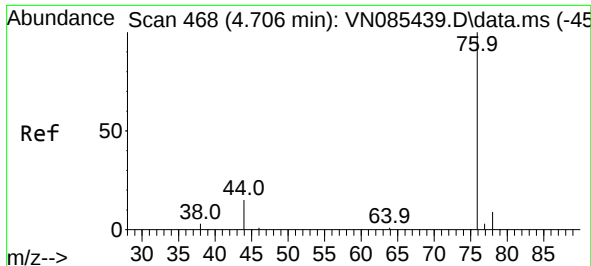
Tgt Ion: 94 Resp: 1047
Ion Ratio Lower Upper
94 100
96 67.7 71.8 107.6#



#10
Methyl Iodide
Concen: 0.327 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

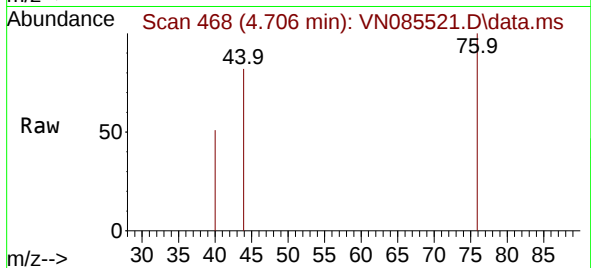
Tgt Ion:142 Resp: 880
Ion Ratio Lower Upper
142 100
127 0.0 40.3 60.5#
141 0.0 12.8 19.2#



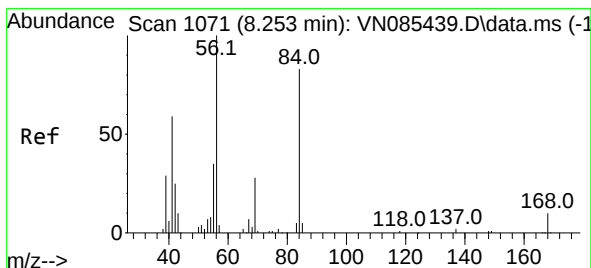
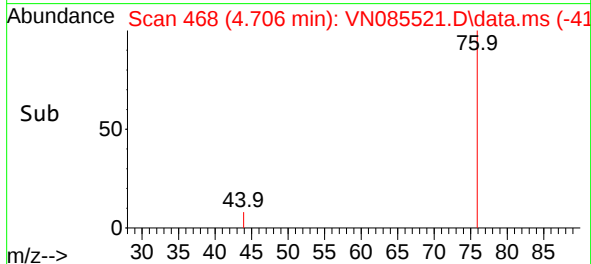
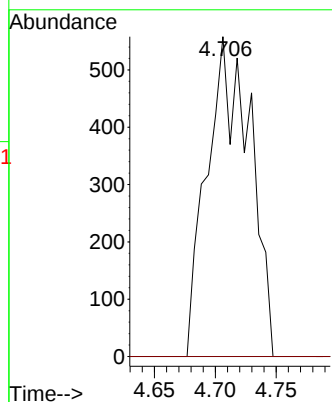


#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Instrument :
MSVOA_N
ClientSampleId :

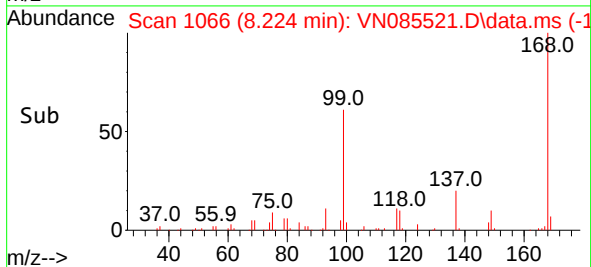
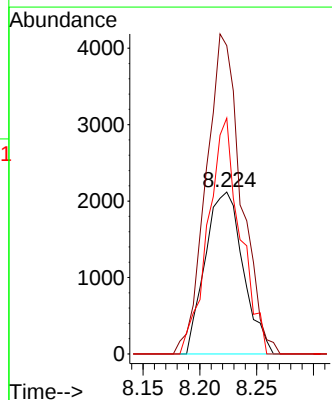
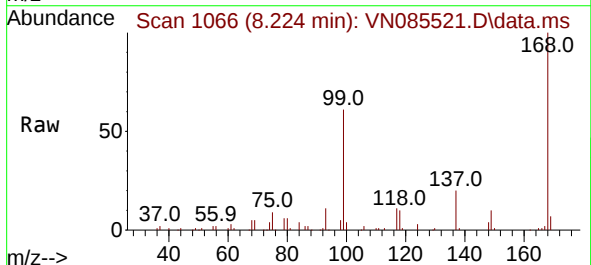


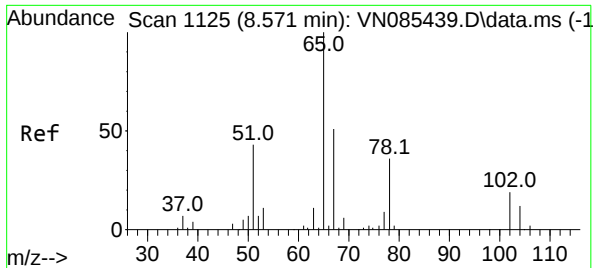
Tgt Ion: 76 Resp: 1372
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Tgt Ion: 56 Resp: 4907
Ion Ratio Lower Upper
56 100
69 190.4 22.2 33.4#
84 145.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.477 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085521.D

Acq: 27 Jan 2025 17:10

Instrument :

MSVOA_N

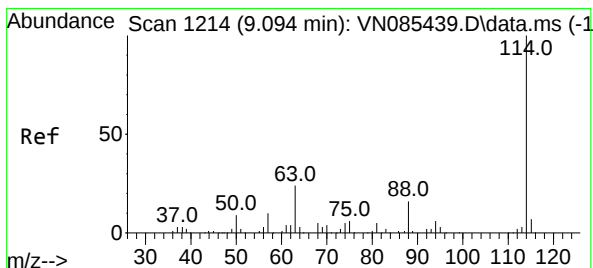
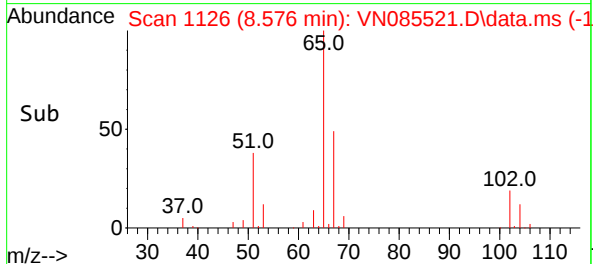
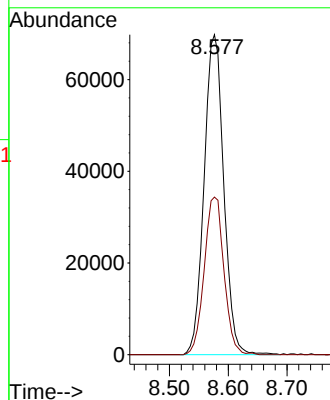
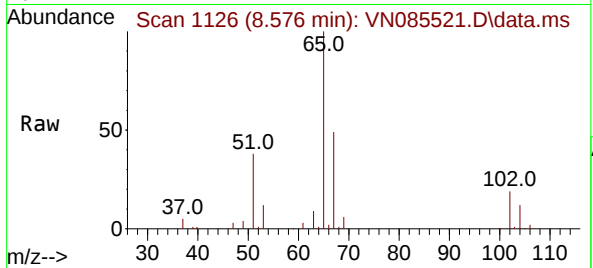
ClientSampleId :

Tgt Ion: 65 Resp: 162025

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085521.D

Acq: 27 Jan 2025 17:10

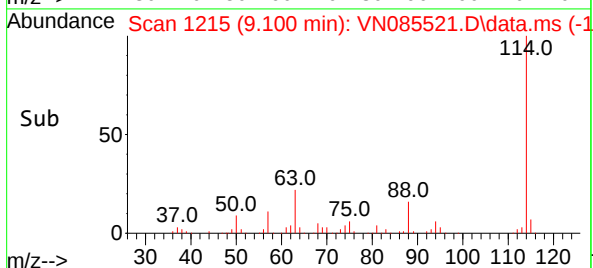
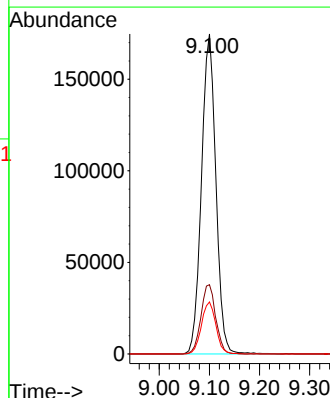
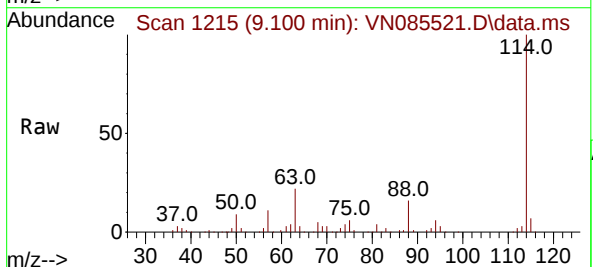
Tgt Ion: 114 Resp: 348925

Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.6

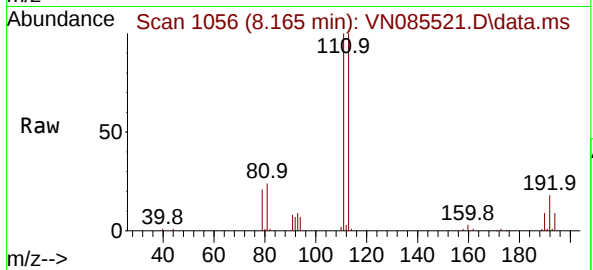
88 16.2 0.0 32.6



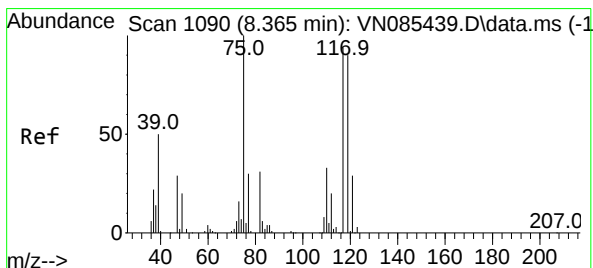
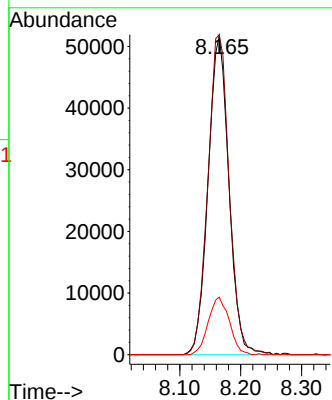
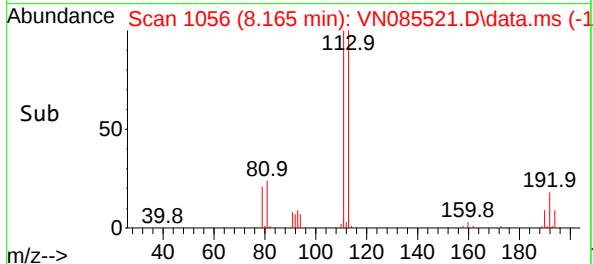


#35
Dibromofluoromethane
Concen: 50.612 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Instrument :
MSVOA_N
ClientSampleId :

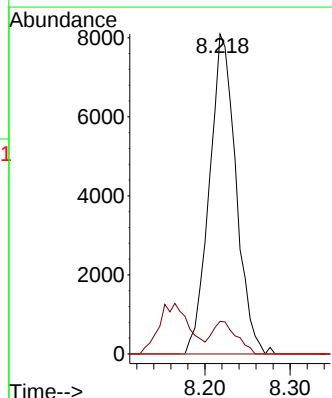
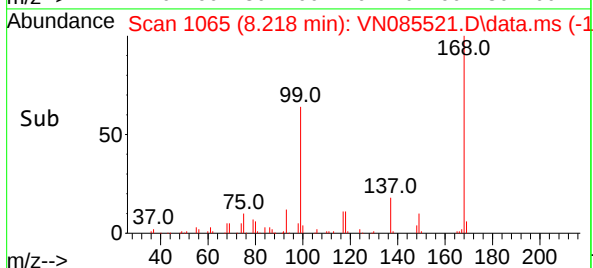
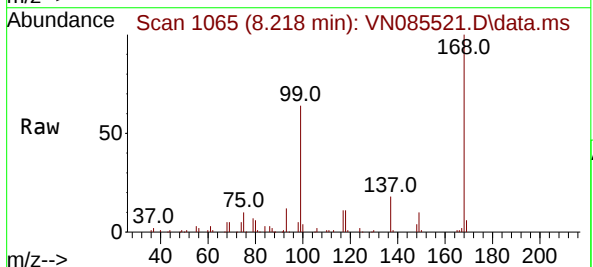


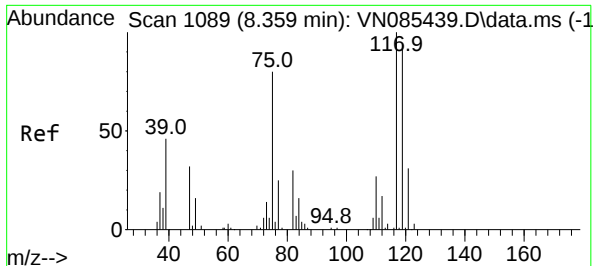
Tgt Ion:113 Resp: 122515
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 18.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.170 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

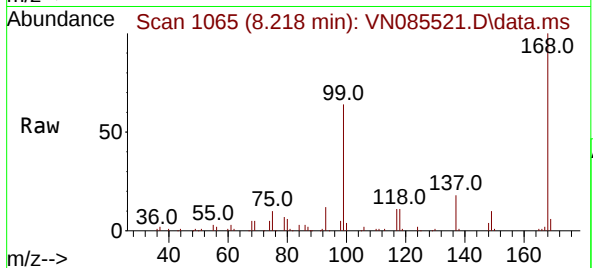
Tgt Ion: 75 Resp: 17566
Ion Ratio Lower Upper
75 100
110 9.3 16.5 49.5#
77 0.0 24.4 36.6#



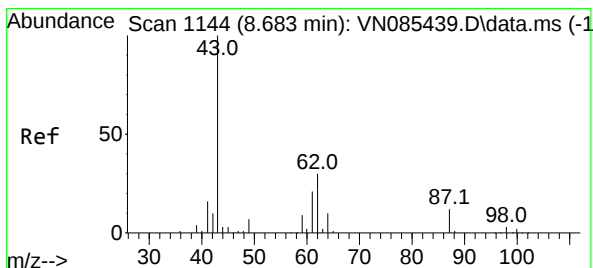
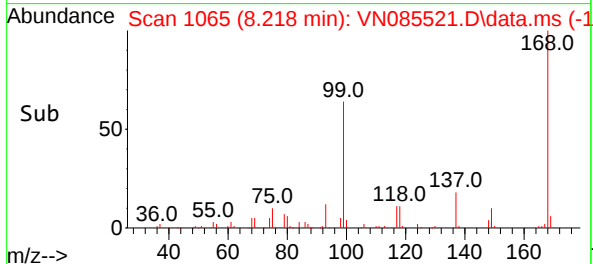
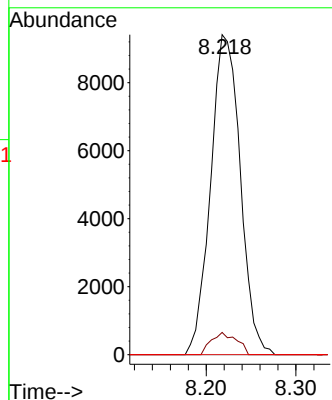


#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Instrument :
MSVOA_N
ClientSampleId :

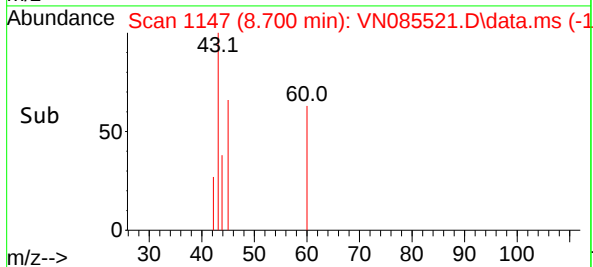
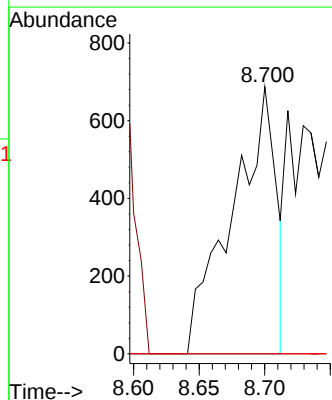
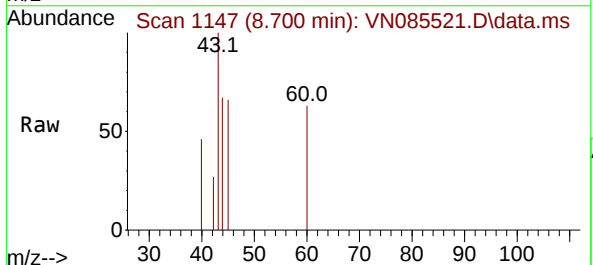


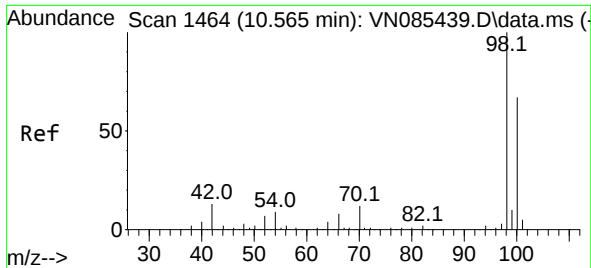
Tgt Ion:117 Resp: 21605
Ion Ratio Lower Upper
117 100
119 7.0 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.290 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.018 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

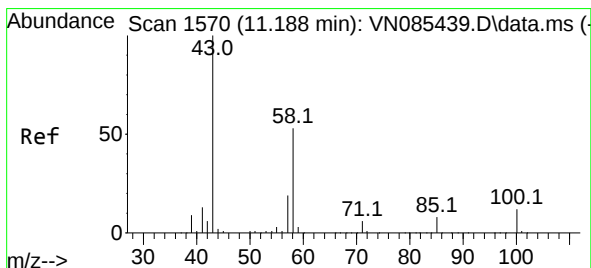
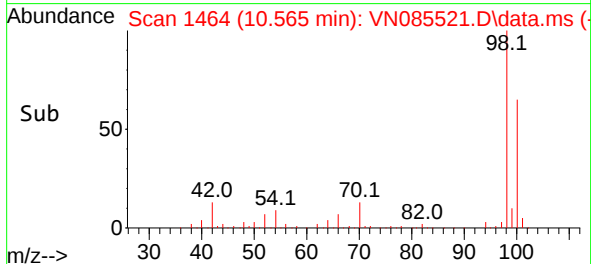
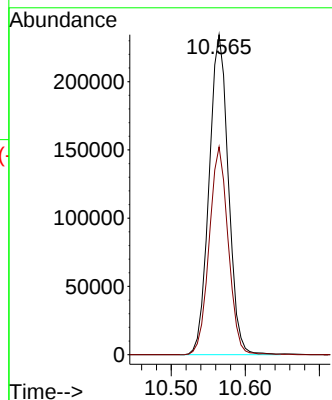
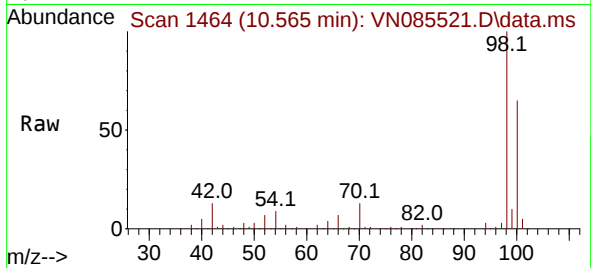




#50
Toluene-d8
Concen: 49.287 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

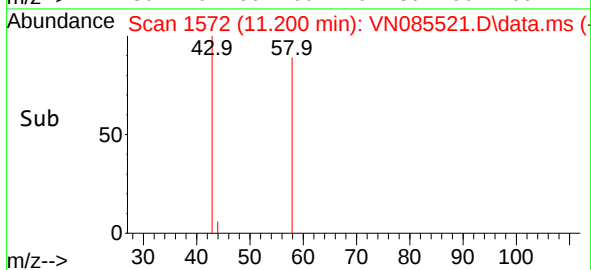
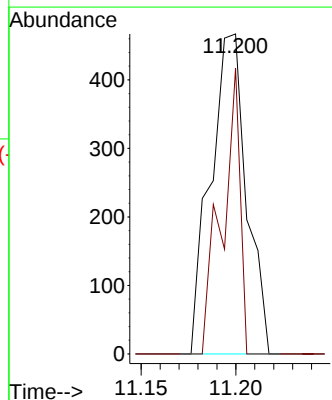
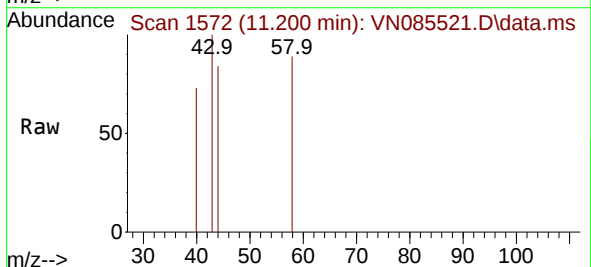
Instrument :
MSVOA_N
ClientSampleId :

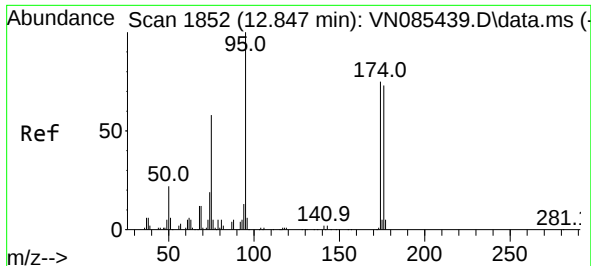
Tgt Ion: 98 Resp: 423897
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#59
2-Hexanone
Concen: 0.276 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
58 44.9 26.2 78.6

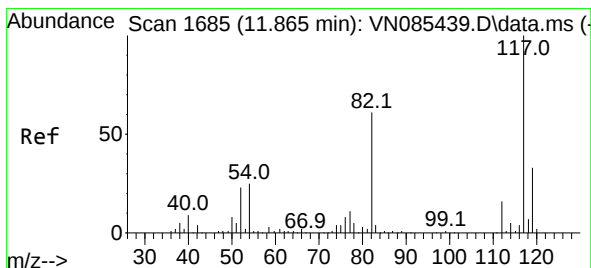
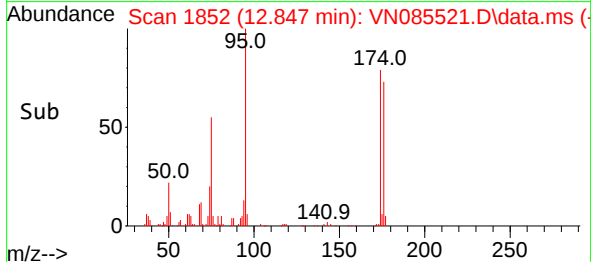
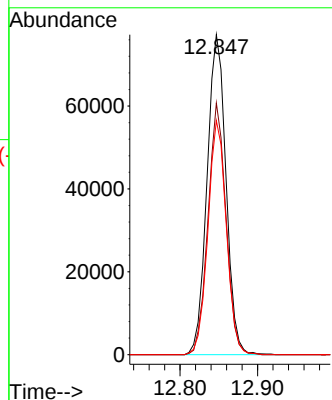
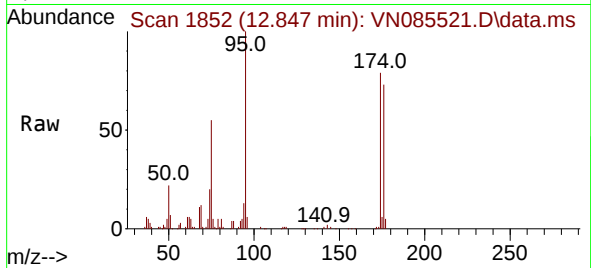




#62
4-Bromofluorobenzene
Concen: 44.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

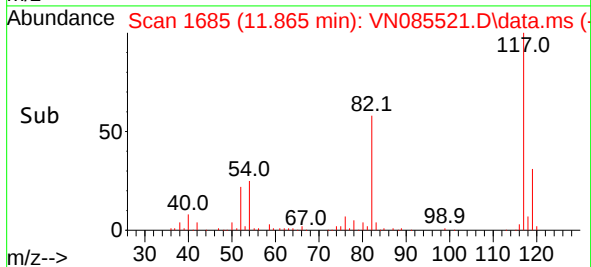
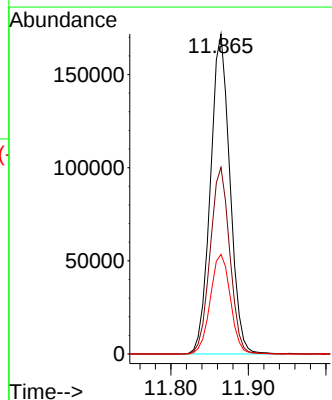
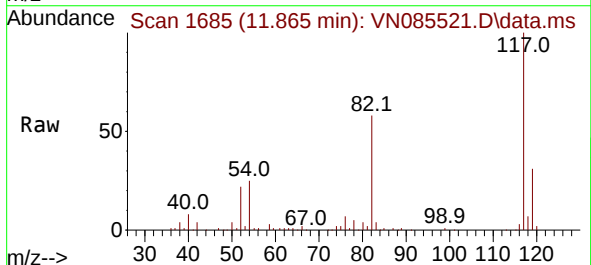
Instrument :
MSVOA_N
ClientSampleId :

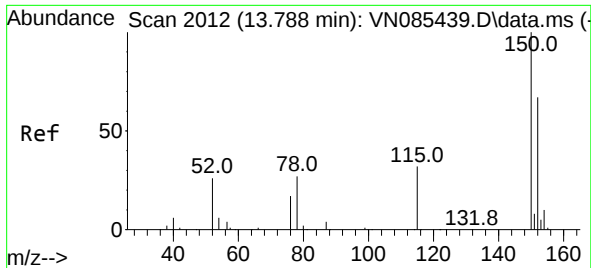
Tgt Ion: 95 Resp: 130999
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.0
176 71.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Tgt Ion: 117 Resp: 300220
Ion Ratio Lower Upper
117 100
82 58.3 48.6 72.8
119 31.1 26.6 39.8

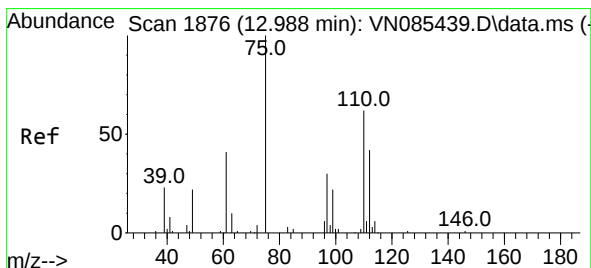
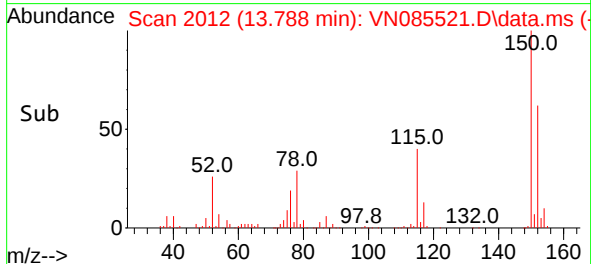
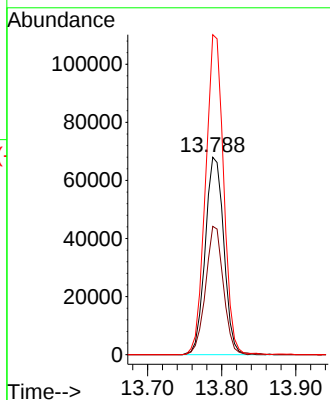
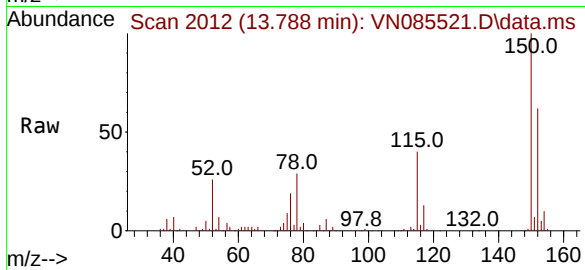




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085521.D
 Acq: 27 Jan 2025 17:10

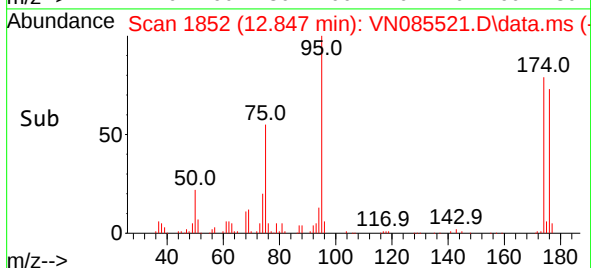
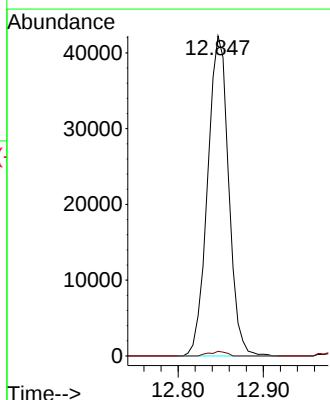
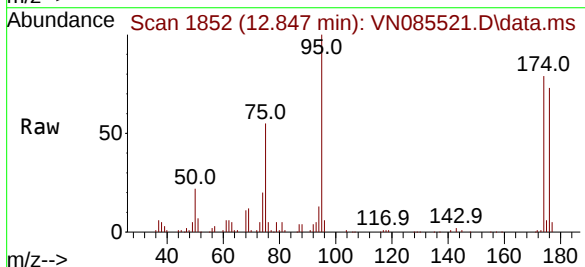
Instrument :
 MSVOA_N
 ClientSampleId :

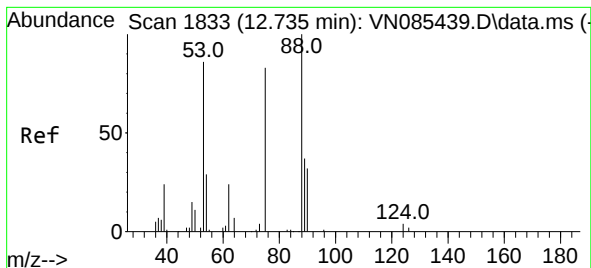
Tgt Ion:152 Resp: 118892
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.1 93.3
 150 156.5 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 29.999 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085521.D
 Acq: 27 Jan 2025 17:10

Tgt Ion: 75 Resp: 72494
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#

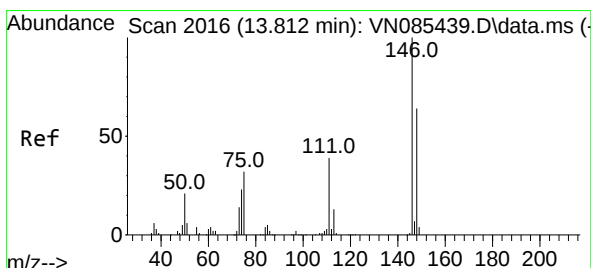
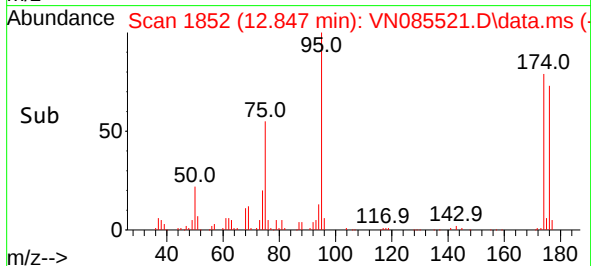
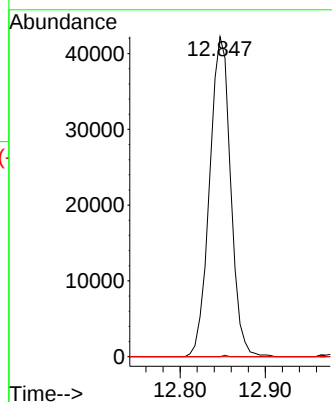
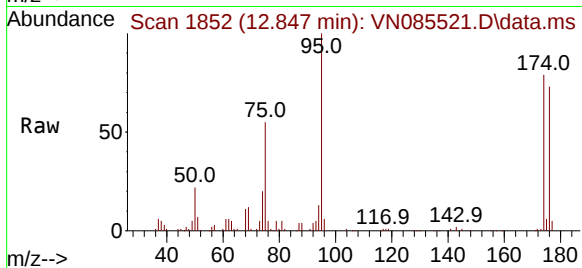




#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.166 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085521.D
 Acq: 27 Jan 2025 17:10

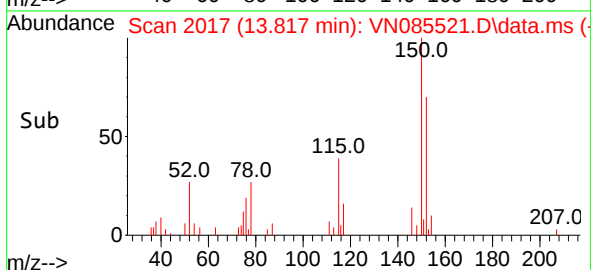
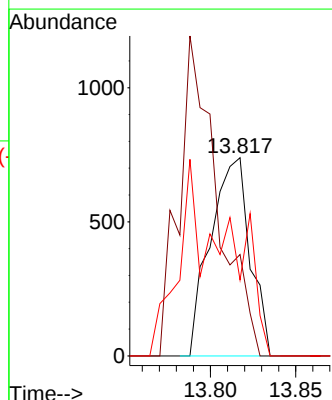
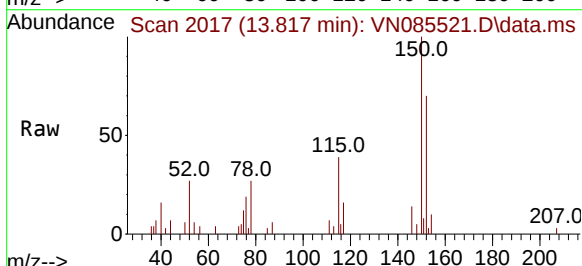
Instrument :
 MSVOA_N
 ClientSampleId :

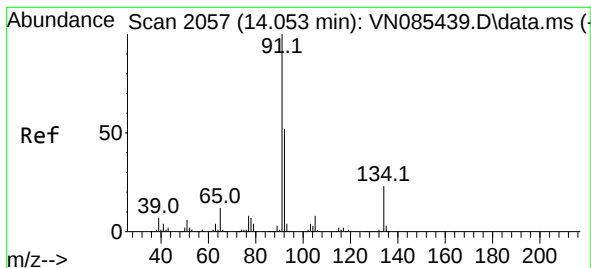
Tgt Ion: 75 Resp: 72494
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#



#88
 1,4-Dichlorobenzene
 Concen: 0.298 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN085521.D
 Acq: 27 Jan 2025 17:10

Tgt Ion:146 Resp: 1193
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.3 63.7#
 148 0.0 32.4 97.0#





#89

n-Butylbenzene

Concen: 0.213 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN085521.D

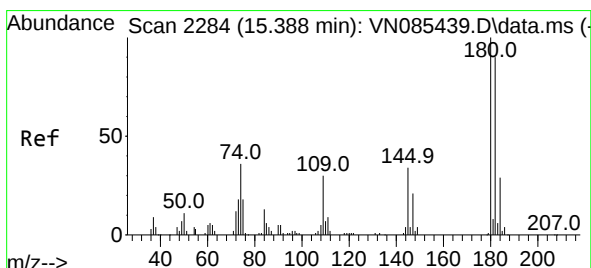
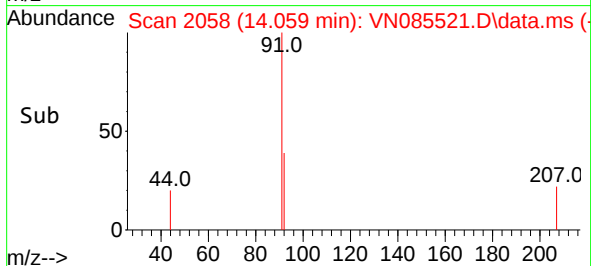
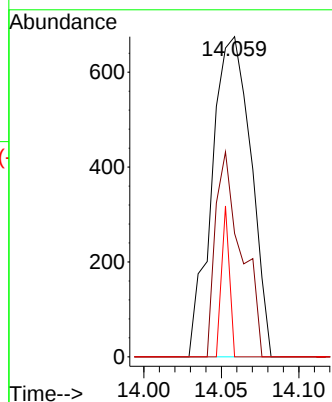
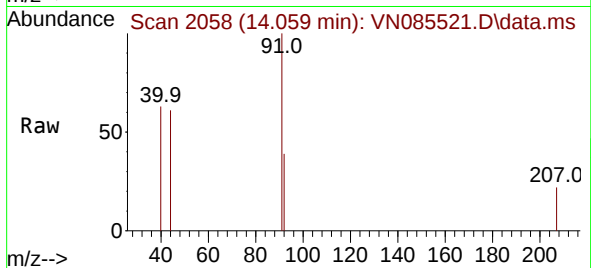
Acq: 27 Jan 2025 17:10

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp:	1181
Ion Ratio	Lower	Upper
91	100	
92	42.4	25.8 77.3
134	9.5	11.7 35.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.554 ug/l

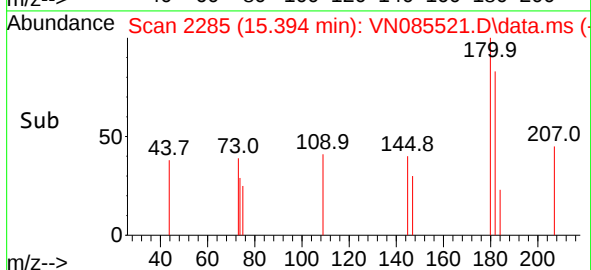
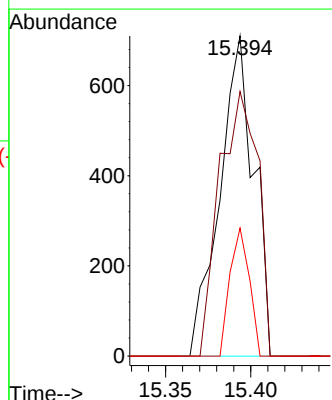
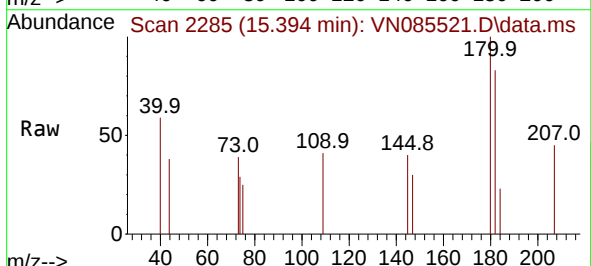
RT: 15.394 min Scan# 2285

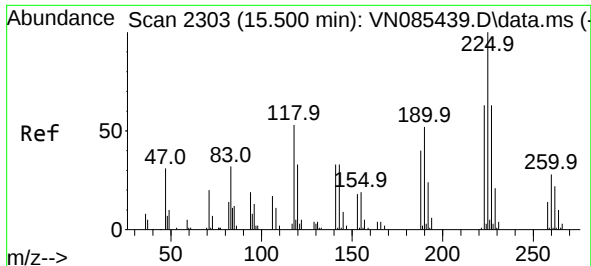
Delta R.T. 0.006 min

Lab File: VN085521.D

Acq: 27 Jan 2025 17:10

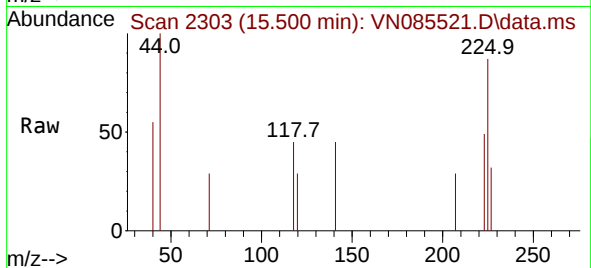
Tgt Ion: 180	Resp:	991
Ion Ratio	Lower	Upper
180	100	
182	92.8	46.8 140.3
145	22.7	16.0 48.0



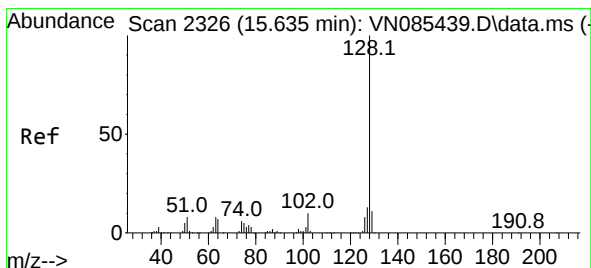
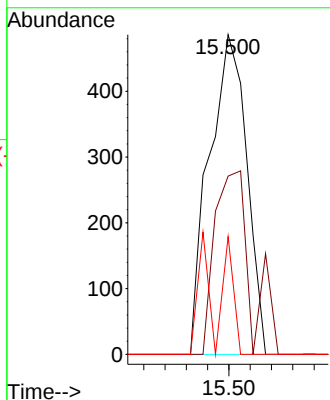
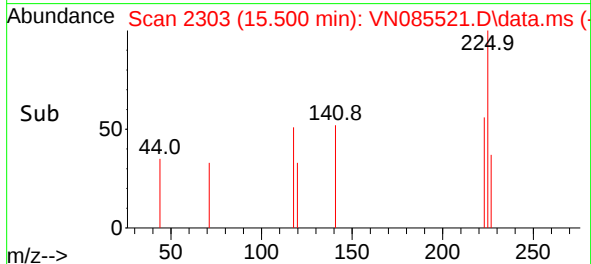


#94
Hexachlorobutadiene
Concen: 0.625 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

Instrument :
MSVOA_N
ClientSampleId :

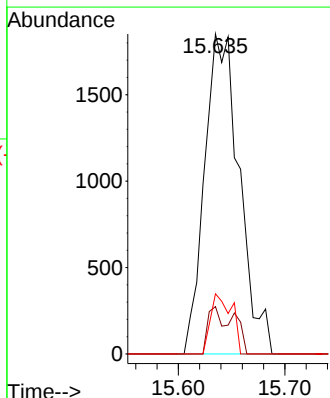
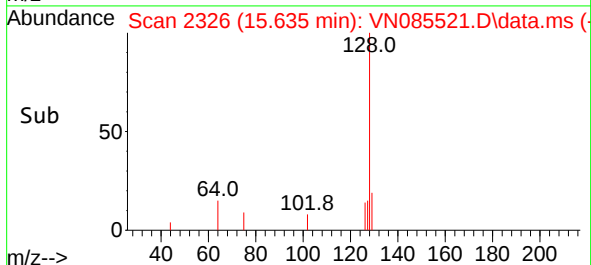
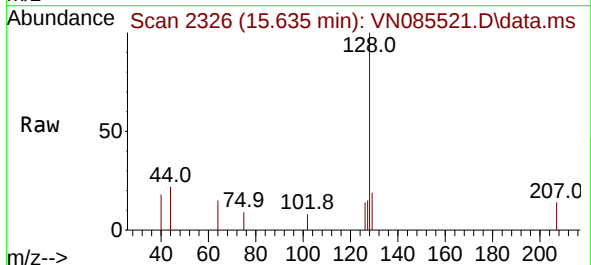


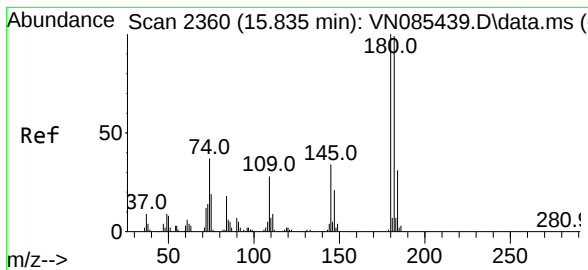
Tgt Ion:225 Resp: 594
Ion Ratio Lower Upper
225 100
223 54.7 30.7 92.1
227 21.7 30.9 92.5#



#95
Naphthalene
Concen: 0.786 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085521.D
Acq: 27 Jan 2025 17:10

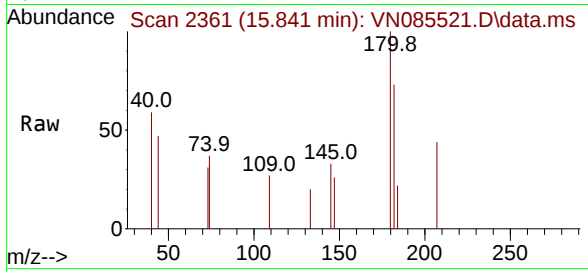
Tgt Ion:128 Resp: 4200
Ion Ratio Lower Upper
128 100
127 10.6 10.6 16.0
129 11.4 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.592 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085521.D
 Acq: 27 Jan 2025 17:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1073
Ion	Ratio	Lower	Upper
180	100		
182	113.0	47.4	142.2
145	26.8	16.9	50.7

