

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085650.D
 Acq On : 04 Feb 2025 14:27
 Operator : JC\MD
 Sample : Q1241-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-3.5-013025

Quant Time: Feb 05 01:04:04 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)

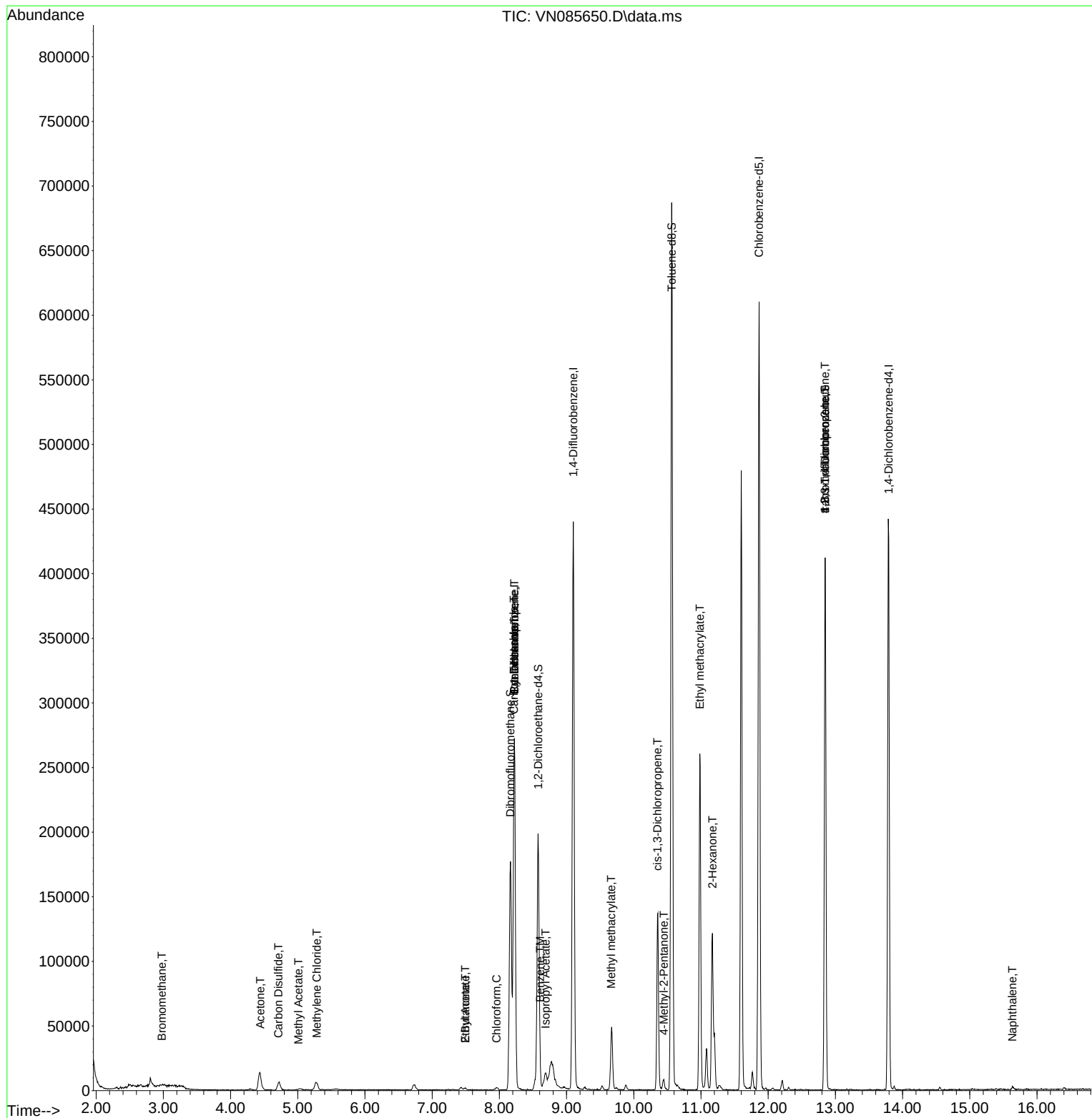
Internal Standards						
1) Pentafluorobenzene	8.224	168	192282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152796	49.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.165	113	126064	48.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	10.565	98	469617	51.068	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.847	95	138593	44.058	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	901	0.526	ug/l	97
16) Acetone	4.441	43	26678	26.602	ug/l	91
17) Carbon Disulfide	4.712	76	1344	0.212	ug/l #	76
18) Methyl Acetate	5.012	43	667	0.219	ug/l #	52
20) Methylene Chloride	5.283	84	5252	2.115	ug/l #	74
25) 2-Butanone	7.494	43	2469	1.673	ug/l #	83
30) Chloroform	7.959	83	2065	0.441	ug/l	92
31) Cyclohexane	8.224	56	4703	1.194	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16609	4.572	ug/l #	50
37) Ethyl Acetate	7.494	43	2469	0.673	ug/l #	70
38) Carbon Tetrachloride	8.218	117	21042	5.060	ug/l #	18
40) Benzene	8.606	78	2753	0.252	ug/l #	86
43) Isopropyl Acetate	8.688	43	17288	2.943	ug/l #	72
48) Methyl methacrylate	9.665	41	2314	0.875	ug/l #	35
51) 4-Methyl-2-Pentanone	10.447	43	6881	2.018	ug/l	93
54) cis-1,3-Dichloropropene	10.353	75	24151	5.838	ug/l #	64
56) Ethyl methacrylate	10.982	69	1830	2.348	ug/l #	1
59) 2-Hexanone	11.170	43	93847	39.122	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	72745	29.827	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72745	80.699	ug/l #	3
95) Naphthalene	15.635	128	3293	0.611	ug/l #	87

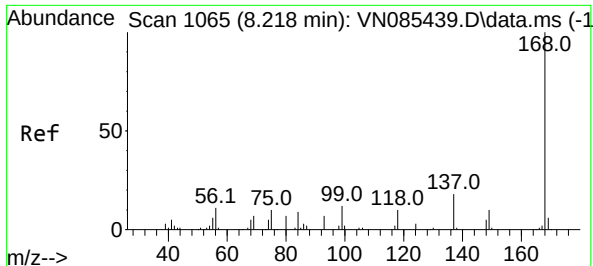
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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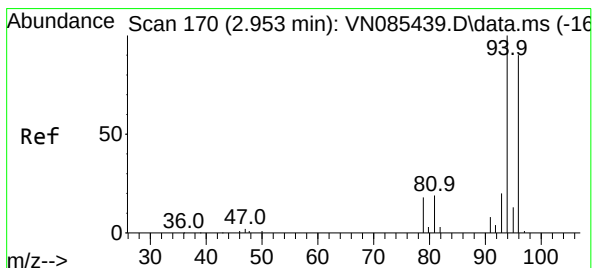
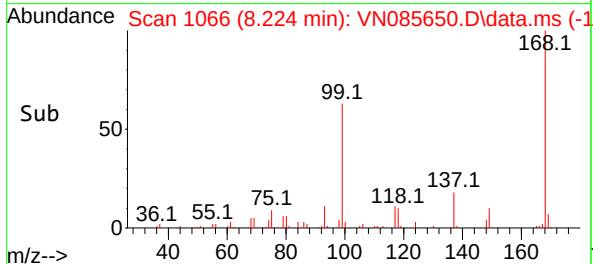
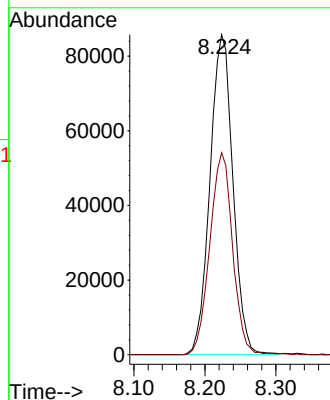
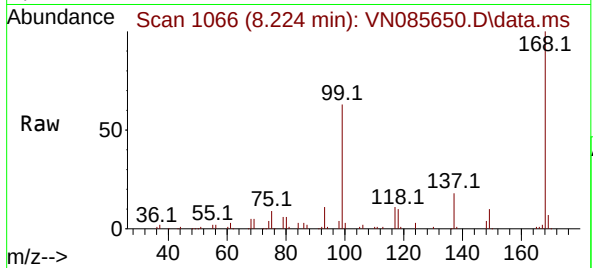




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

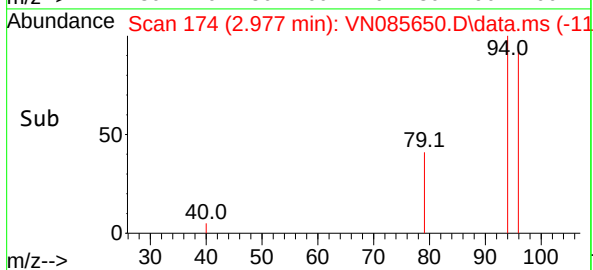
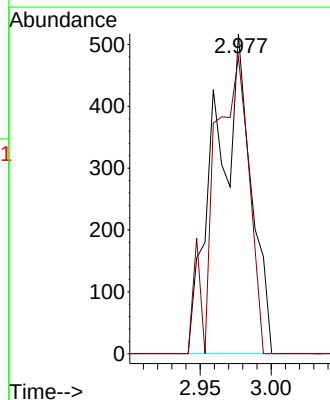
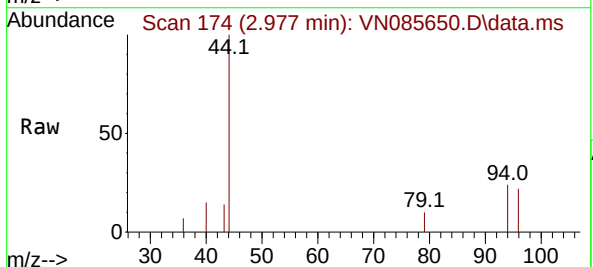
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

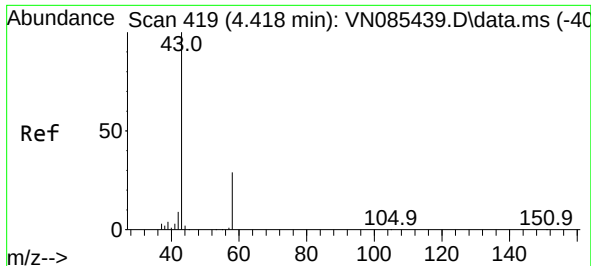
Tgt Ion:168 Resp: 192282
Ion Ratio Lower Upper
168 100
99 63.1 53.6 80.4



#5
Bromomethane
Concen: 0.526 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.023 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 94 Resp: 901
Ion Ratio Lower Upper
94 100
96 92.8 71.8 107.6

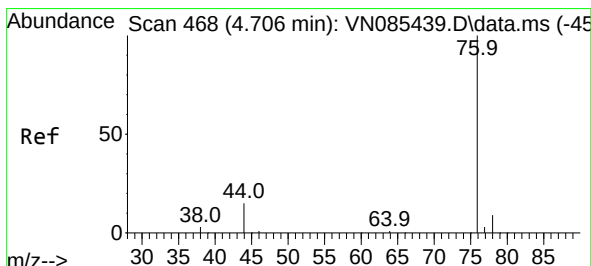
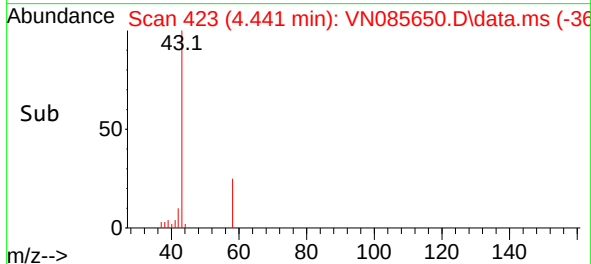
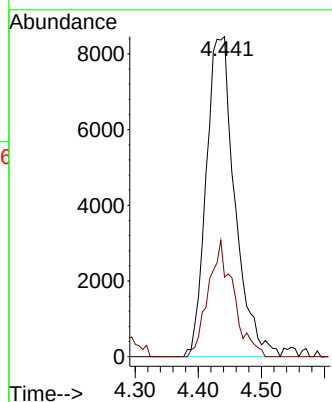
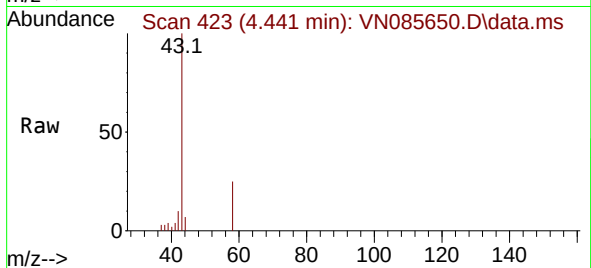




#16
Acetone
Concen: 26.602 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

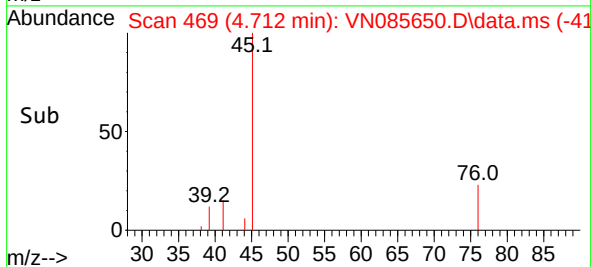
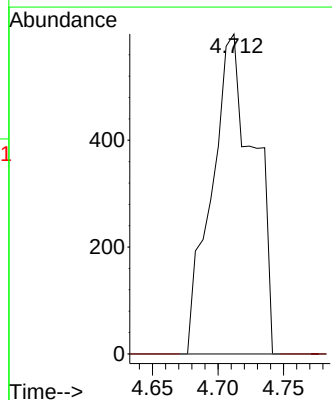
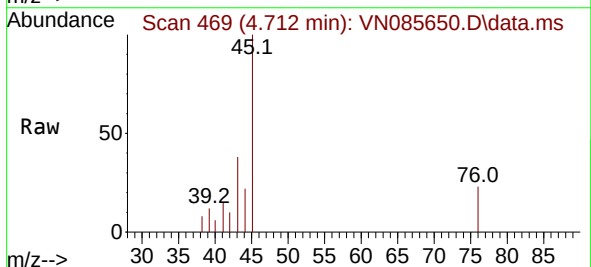
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

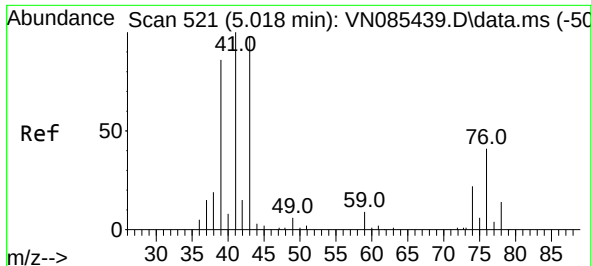
Tgt Ion: 43 Resp: 26678
Ion Ratio Lower Upper
43 100
58 24.8 23.8 35.6



#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

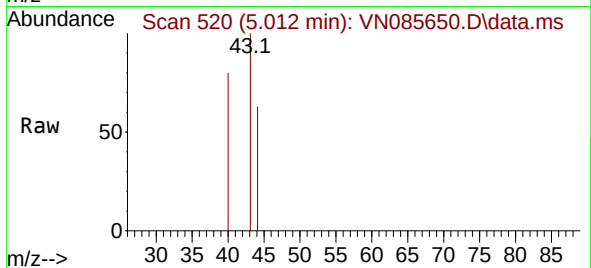
Tgt Ion: 76 Resp: 1344
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



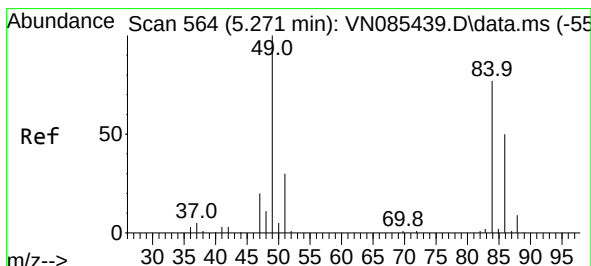
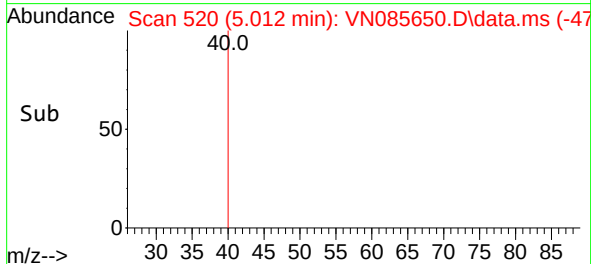
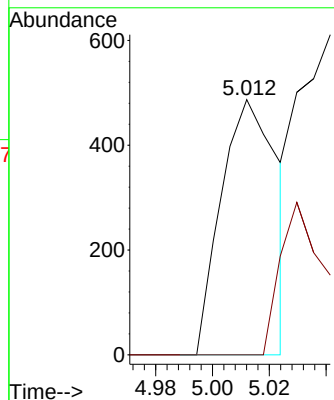


#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

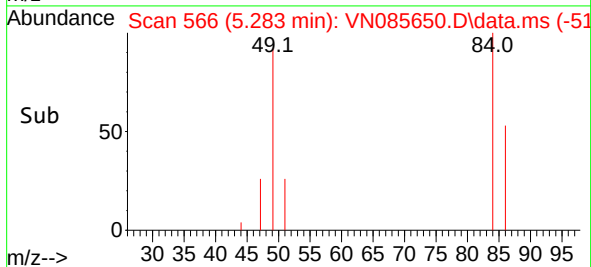
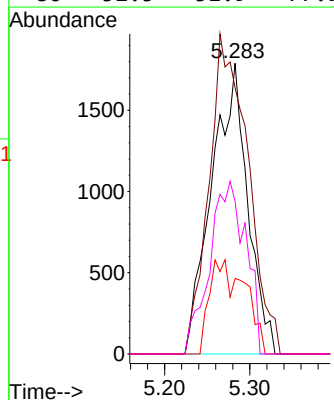
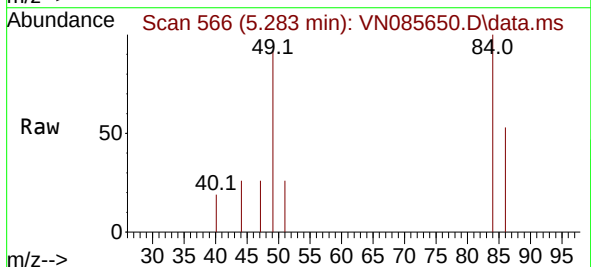


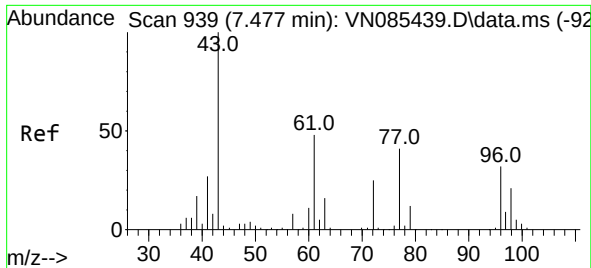
Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: 2.115 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 84 Resp: 5252
Ion Ratio Lower Upper
84 100
49 91.6 104.1 156.1#
51 26.0 31.0 46.4#
86 52.5 51.9 77.9

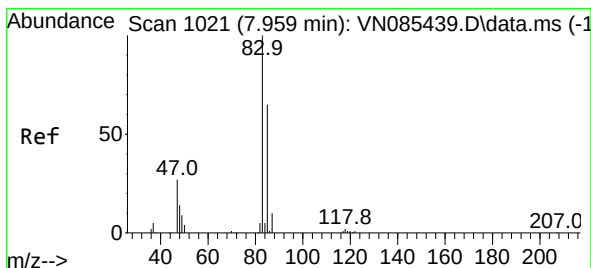
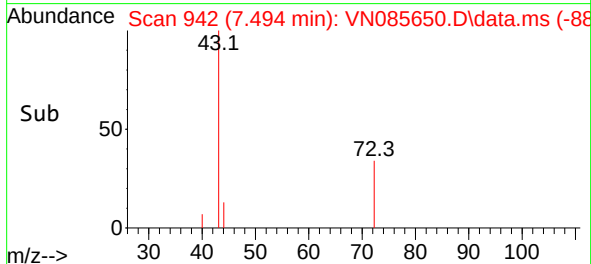
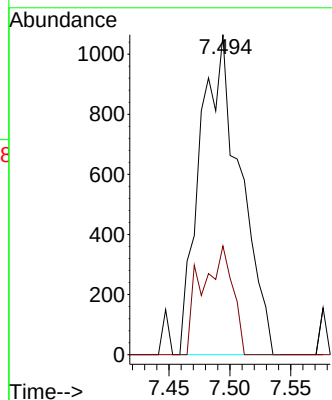
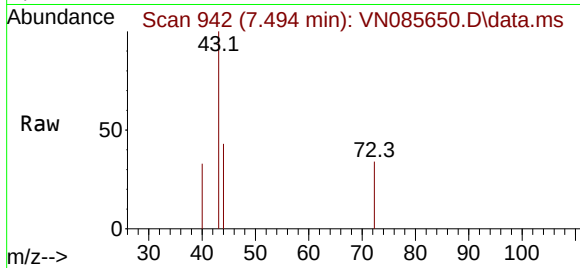




#25
2-Butanone
Concen: 1.673 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

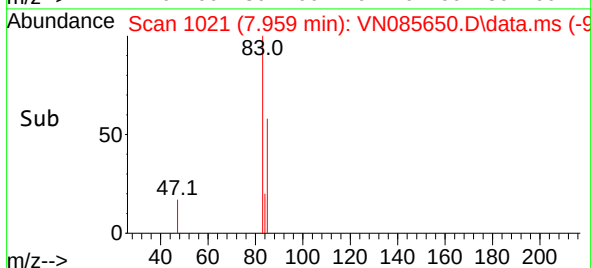
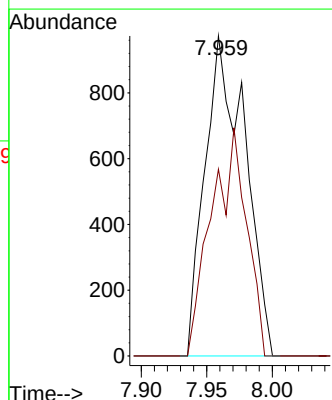
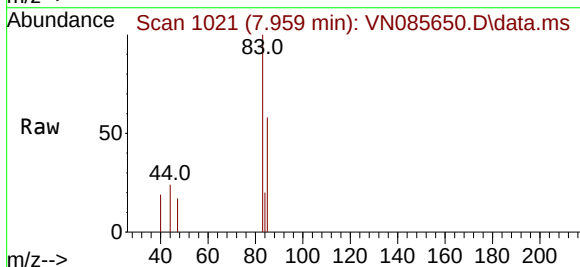
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

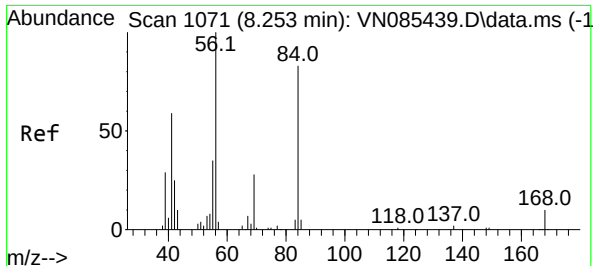
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
72 34.0 20.2 30.4#



#30
Chloroform
Concen: 0.441 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

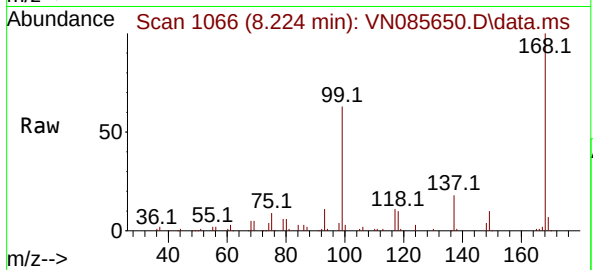
Tgt Ion: 83 Resp: 2065
Ion Ratio Lower Upper
83 100
85 58.4 51.8 77.6



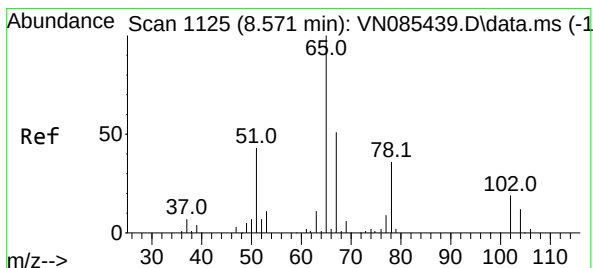
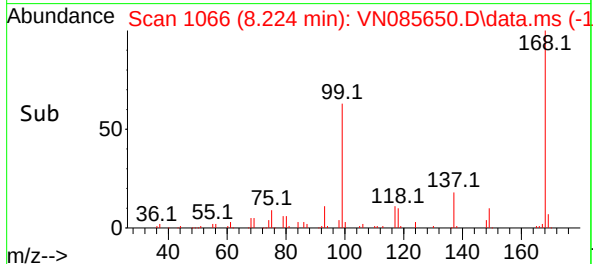
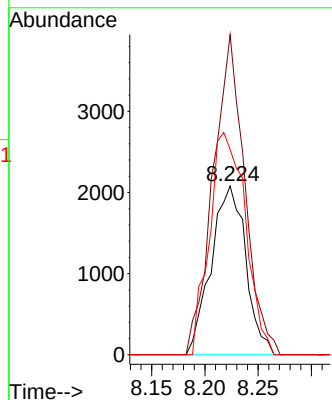


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

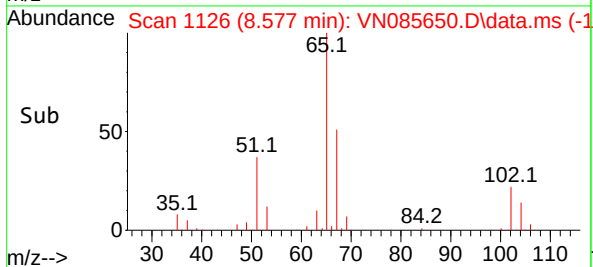
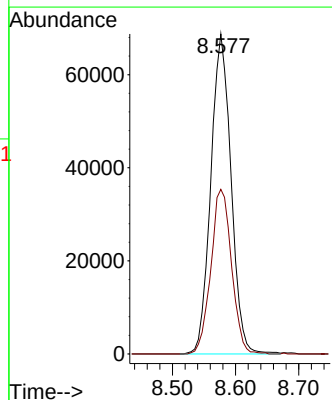
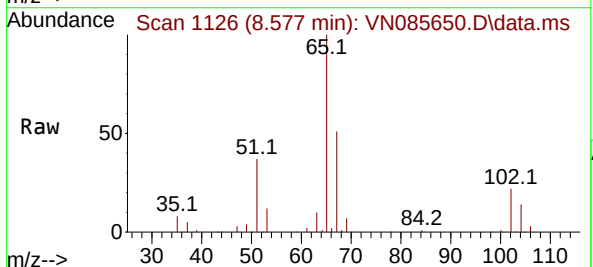


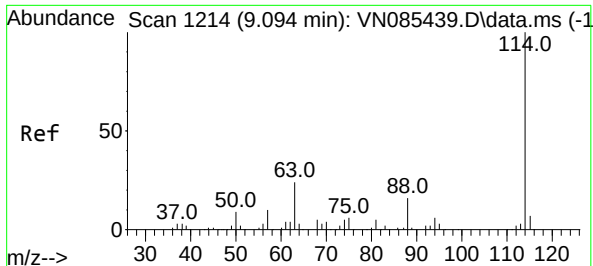
Tgt Ion: 56 Resp: 4703
Ion Ratio Lower Upper
56 100
69 189.7 22.2 33.4#
84 121.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.228 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 65 Resp: 152796
Ion Ratio Lower Upper
65 100
67 52.7 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: VN085650.D

Acq: 04 Feb 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

JPP-3.5-013025

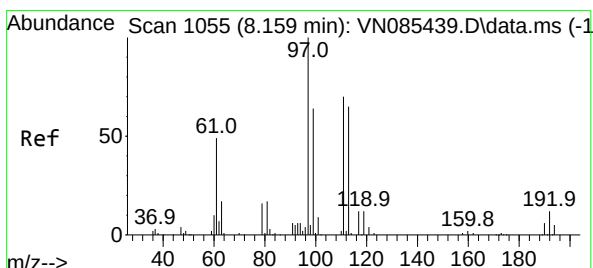
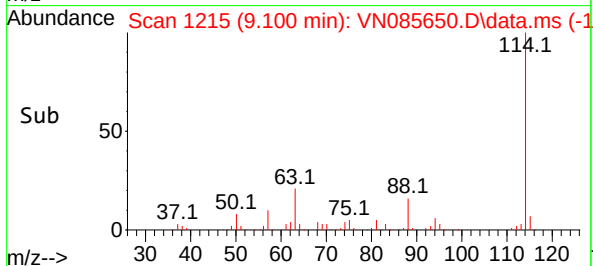
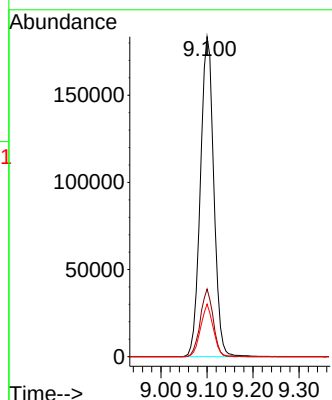
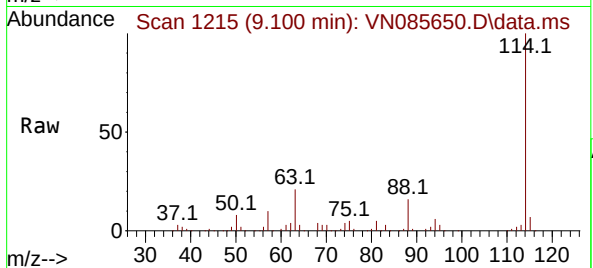
Tgt Ion:114 Resp: 373073

Ion Ratio Lower Upper

114 100

63 21.2 0.0 47.6

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.707 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085650.D

Acq: 04 Feb 2025 14:27

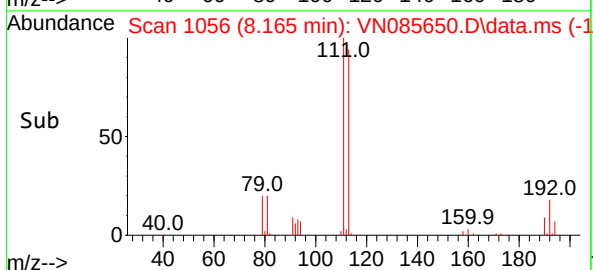
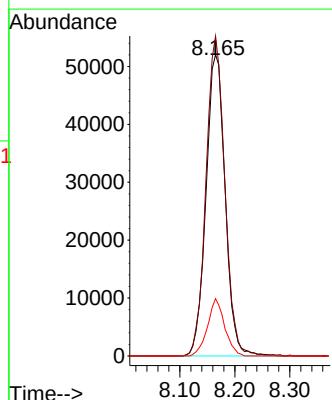
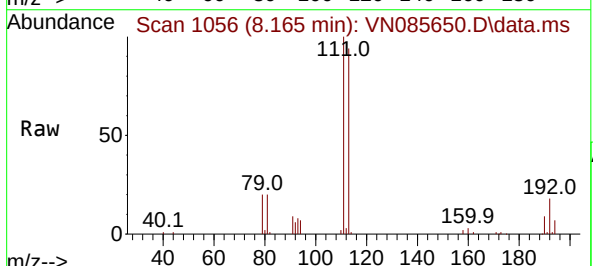
Tgt Ion:113 Resp: 126064

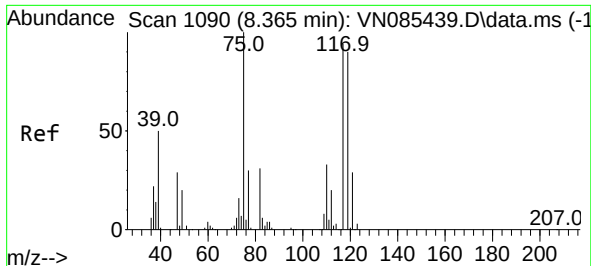
Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.572 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085650.D

Acq: 04 Feb 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

JPP-3.5-013025

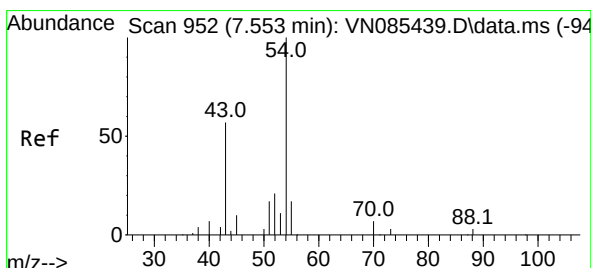
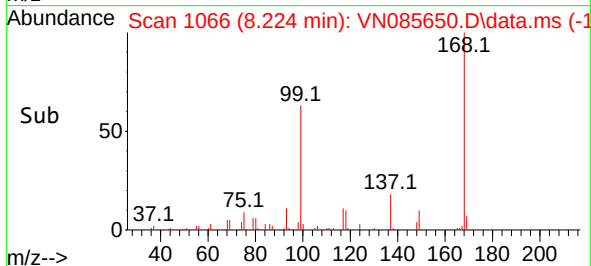
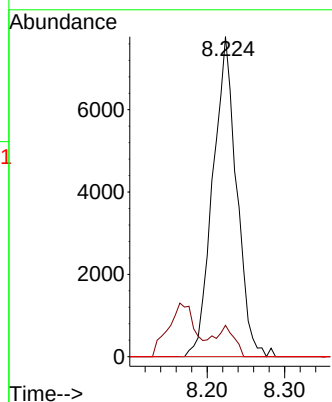
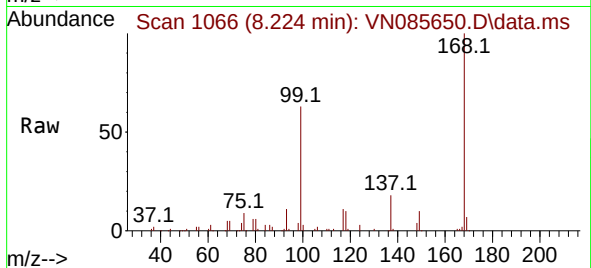
Tgt Ion: 75 Resp: 16609

Ion Ratio Lower Upper

75 100

110 7.7 16.5 49.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 0.673 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.059 min

Lab File: VN085650.D

Acq: 04 Feb 2025 14:27

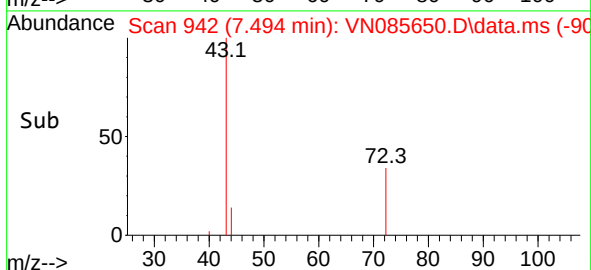
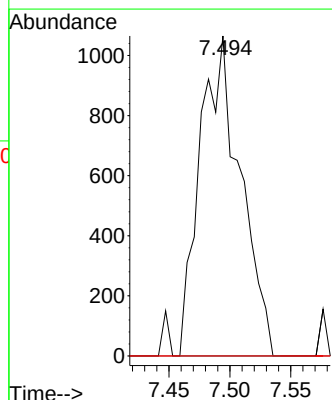
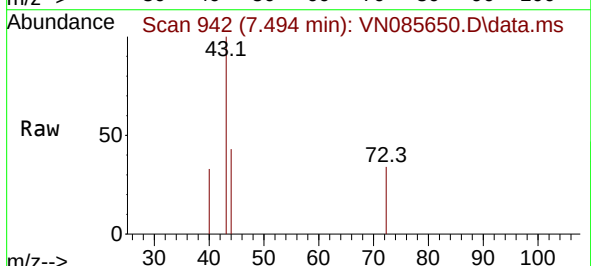
Tgt Ion: 43 Resp: 2469

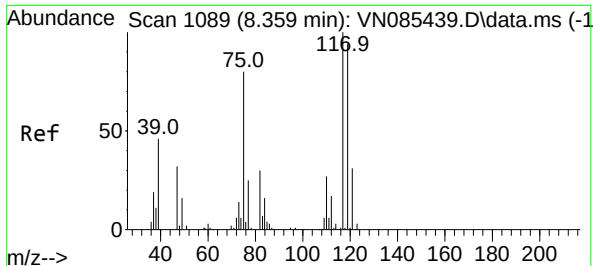
Ion Ratio Lower Upper

43 100

61 0.0 10.9 16.3#

70 0.0 7.5 11.3#

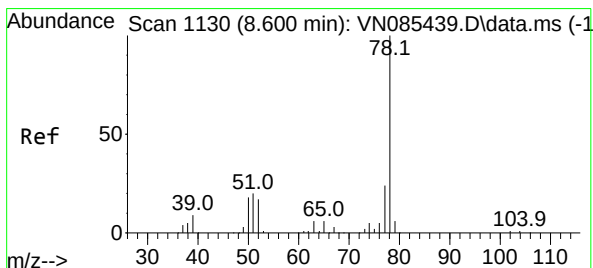
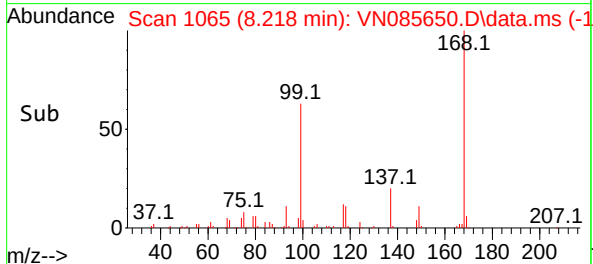
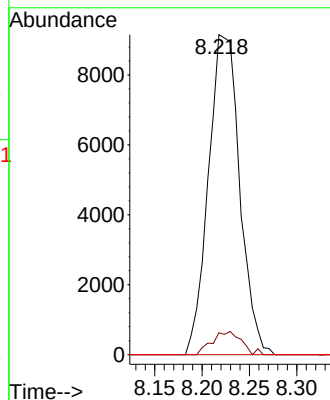
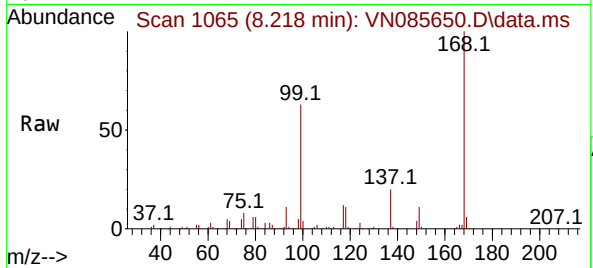




#38
Carbon Tetrachloride
Concen: 5.060 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

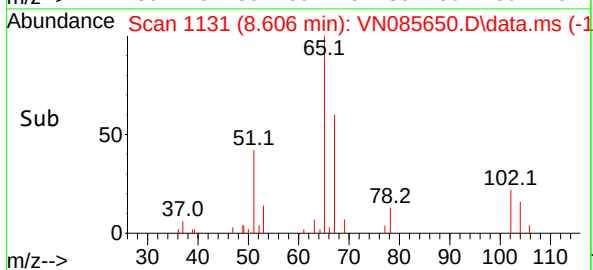
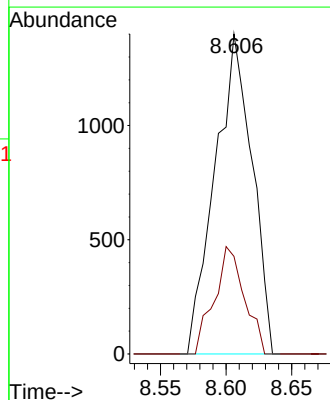
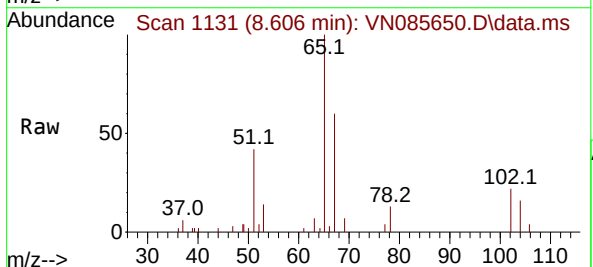
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

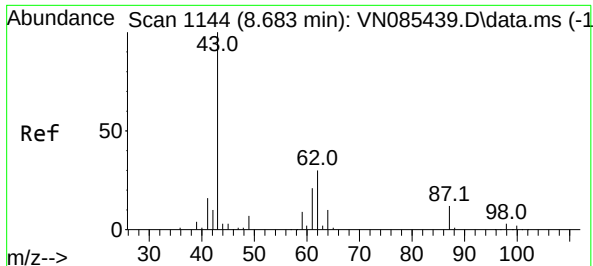
Tgt Ion:117 Resp: 21042
Ion Ratio Lower Upper
117 100
119 6.9 75.4 113.2#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.252 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 78 Resp: 2753
Ion Ratio Lower Upper
78 100
77 30.5 19.0 28.6#

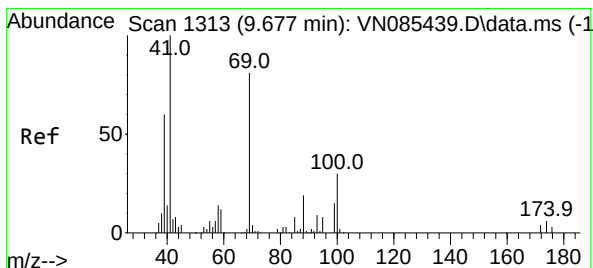
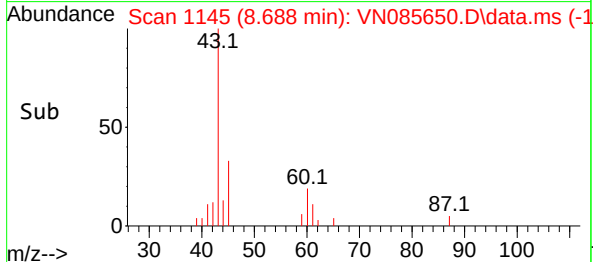
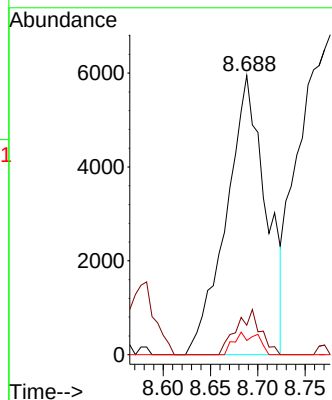
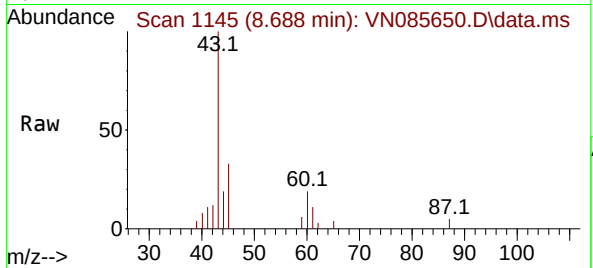




#43
Isopropyl Acetate
Concen: 2.943 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

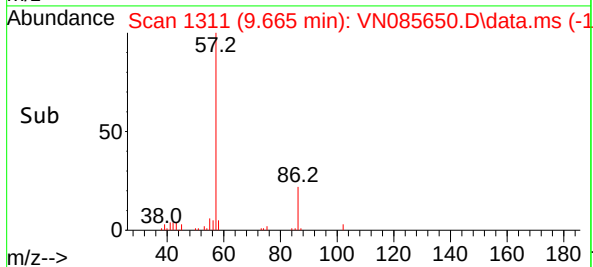
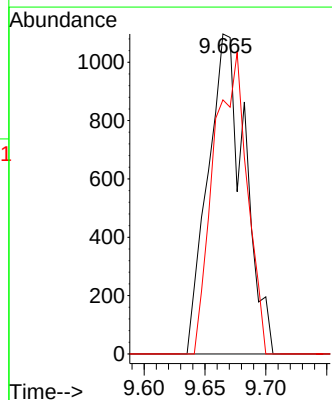
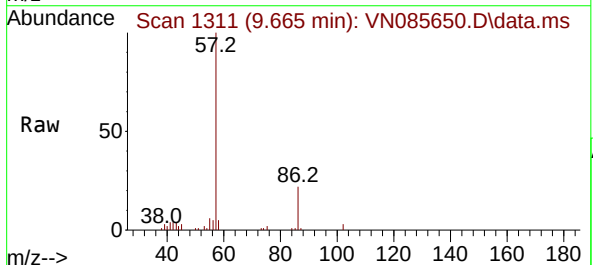
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

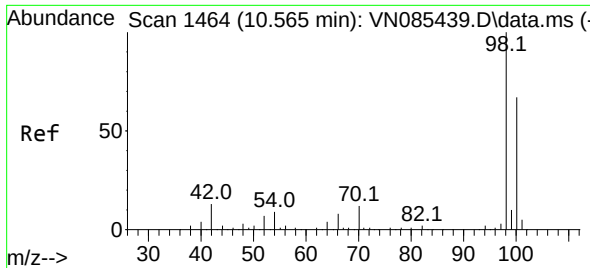
Tgt Ion: 43 Resp: 17288
Ion Ratio Lower Upper
43 100
61 9.9 20.7 31.1#
87 4.8 9.8 14.8#



#48
Methyl methacrylate
Concen: 0.875 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.012 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 41 Resp: 2314
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 85.1 49.0 73.6#

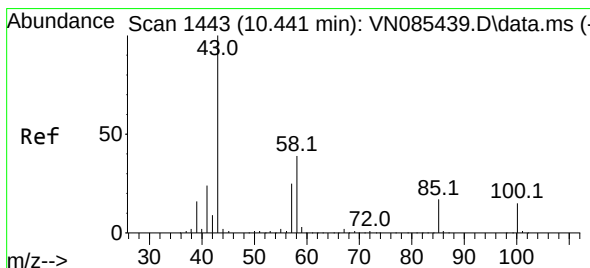
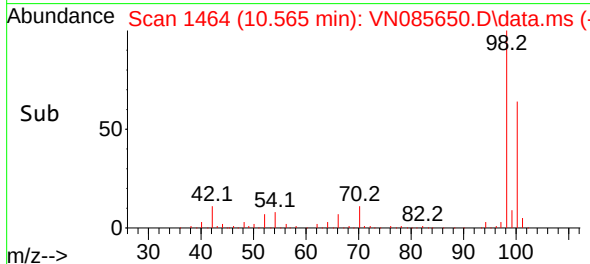
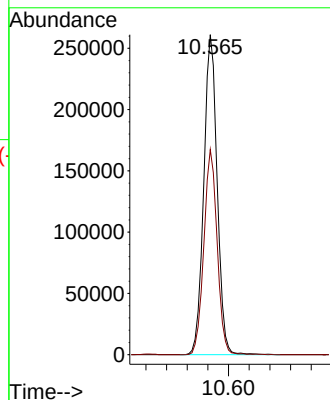
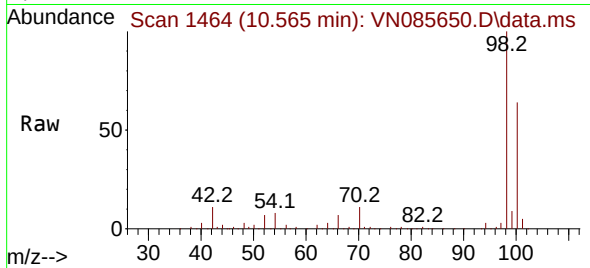




#50
Toluene-d8
Concen: 51.068 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

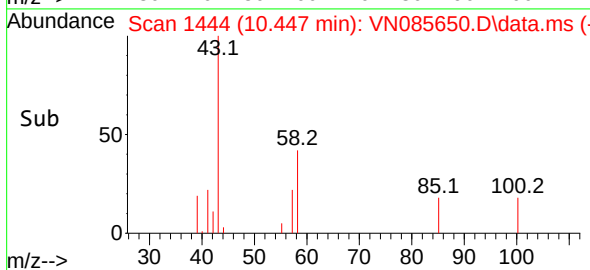
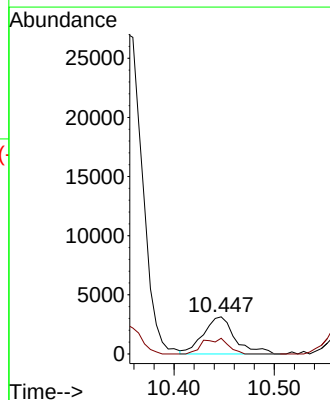
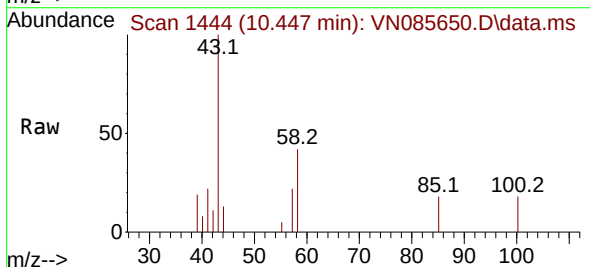
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

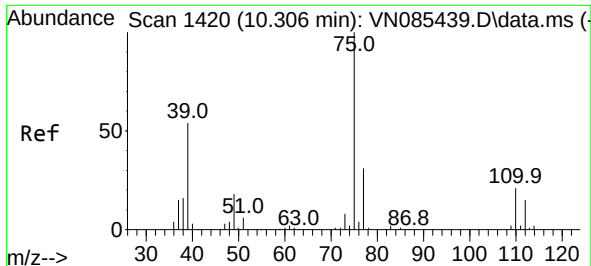
Tgt Ion: 98 Resp: 469617
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 2.018 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 43 Resp: 6881
Ion Ratio Lower Upper
43 100
58 33.7 30.5 45.7

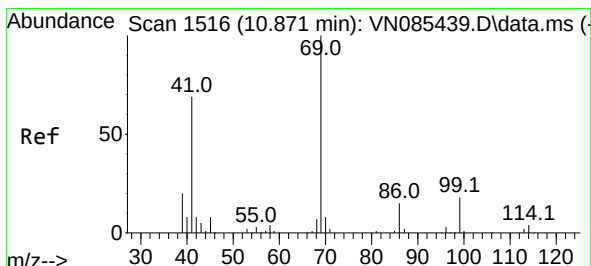
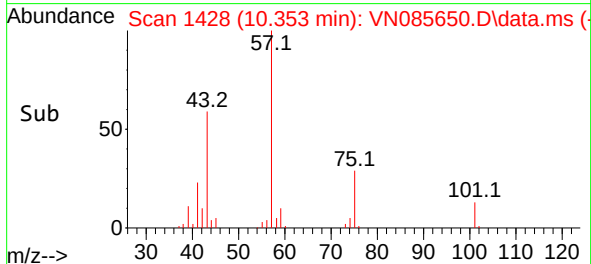
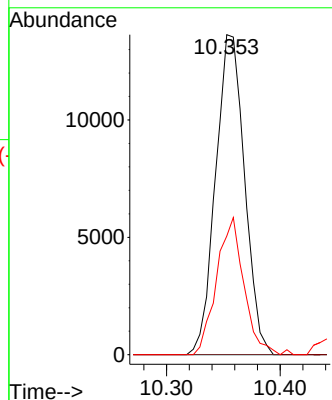
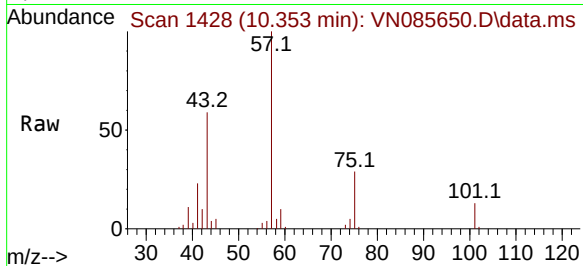




#54
cis-1,3-Dichloropropene
Concen: 5.838 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

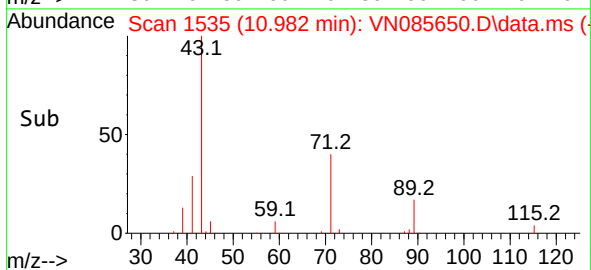
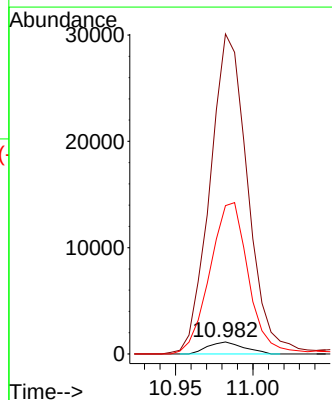
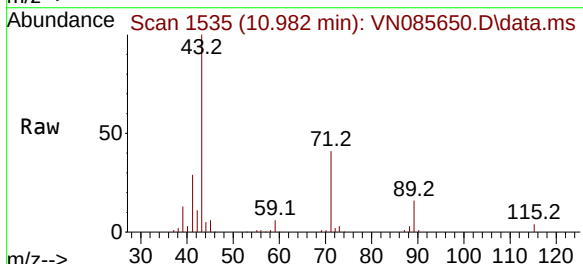
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

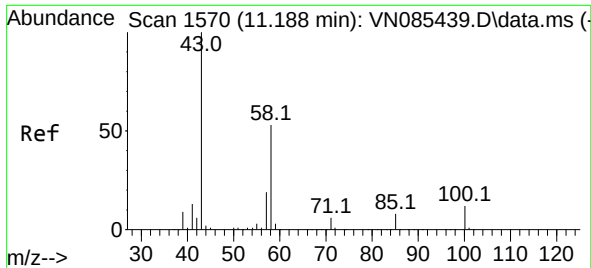
Tgt Ion: 75 Resp: 24151
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 37.0 43.1 64.7#



#56
Ethyl methacrylate
Concen: 2.348 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.111 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 69 Resp: 1830
Ion Ratio Lower Upper
69 100
41 2791.9 54.6 82.0#
39 1357.2 32.4 48.6#

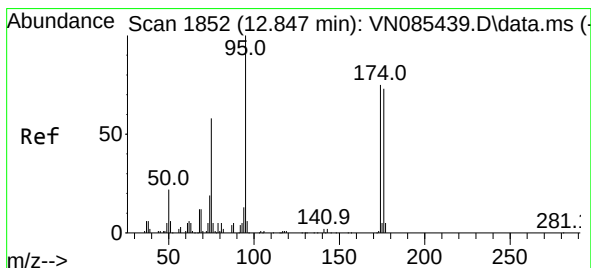
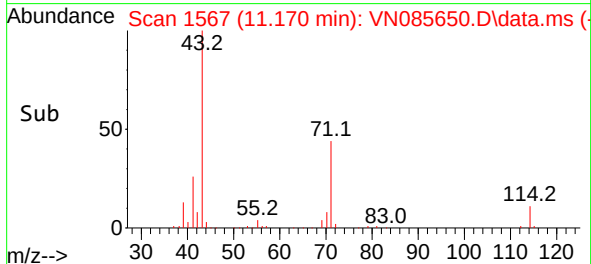
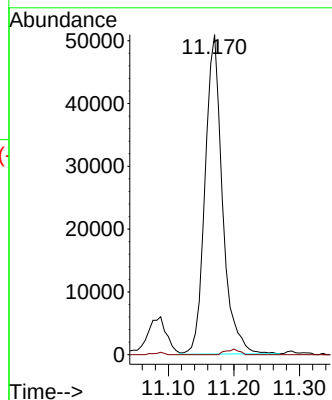
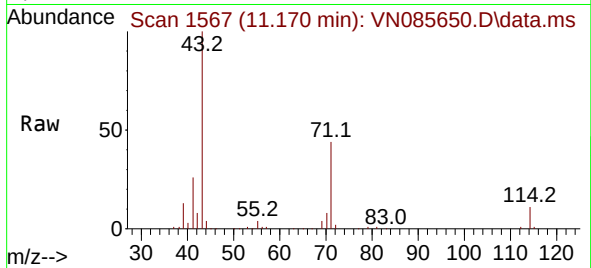




#59
2-Hexanone
Concen: 39.122 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

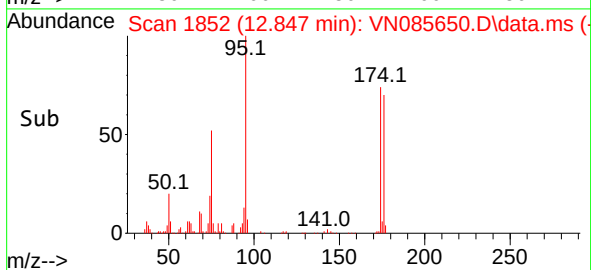
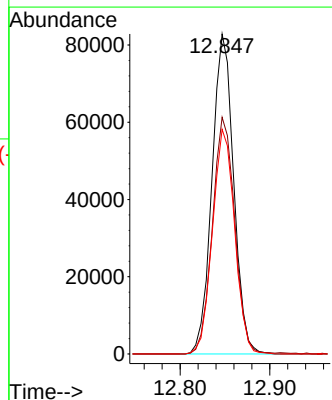
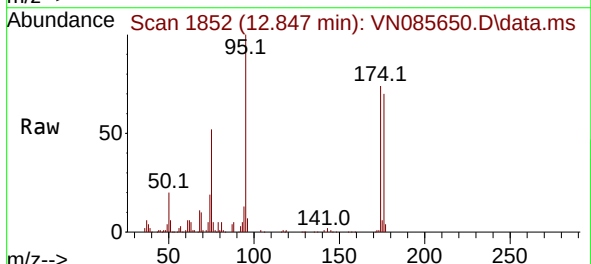
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

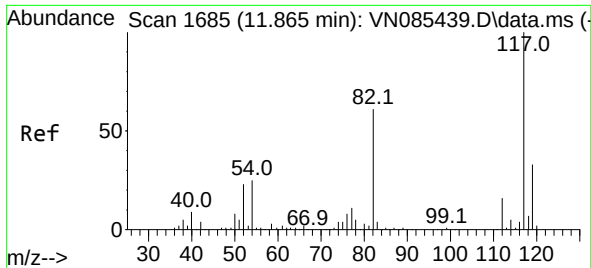
Tgt Ion: 43 Resp: 93847
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 44.058 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 95 Resp: 138593
Ion Ratio Lower Upper
95 100
174 76.4 0.0 145.0
176 72.0 0.0 142.4

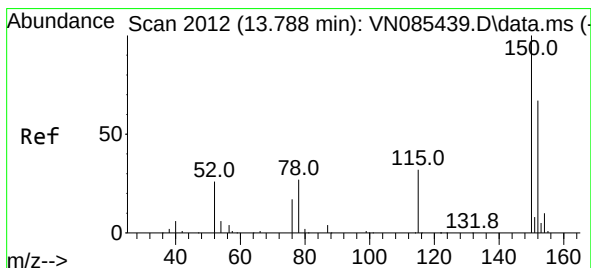
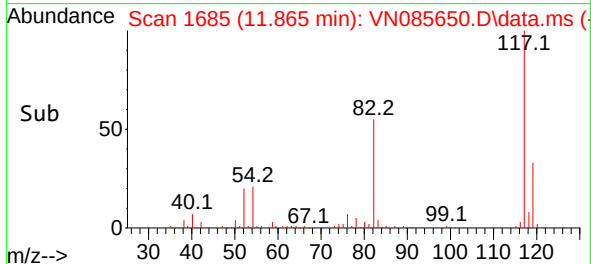
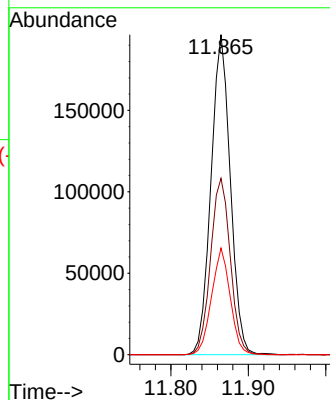
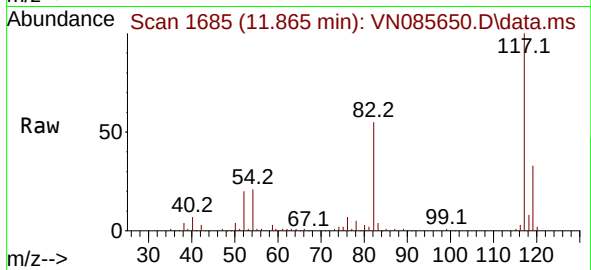




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

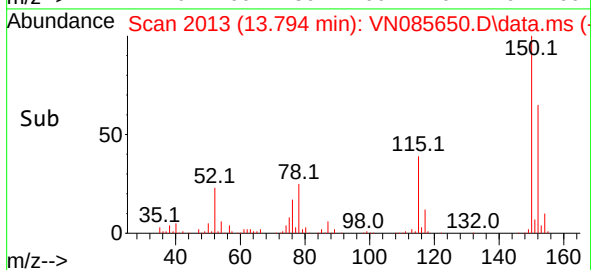
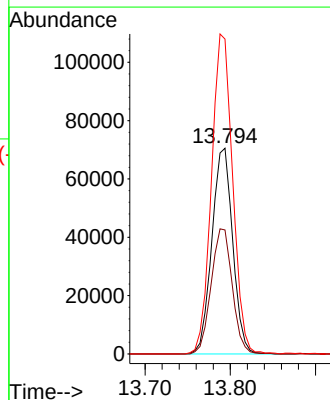
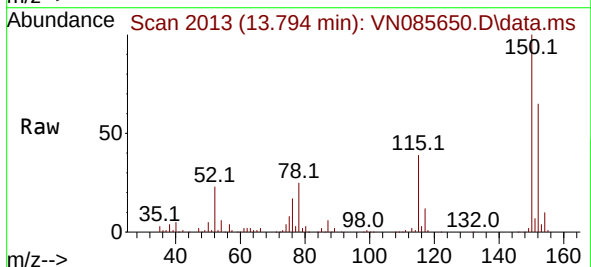
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

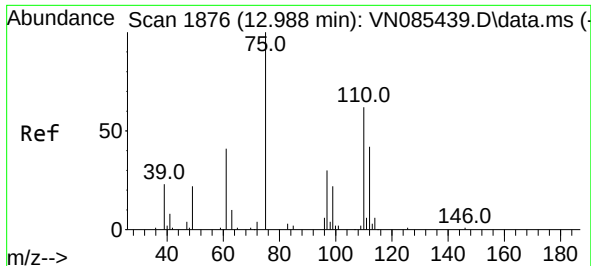
Tgt Ion:117 Resp: 340715
Ion Ratio Lower Upper
117 100
82 55.1 48.6 72.8
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion:152 Resp: 119994
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.3
150 157.7 0.0 343.6

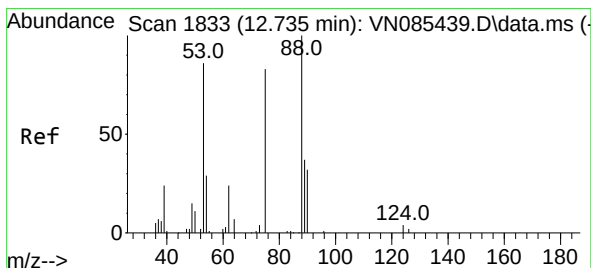
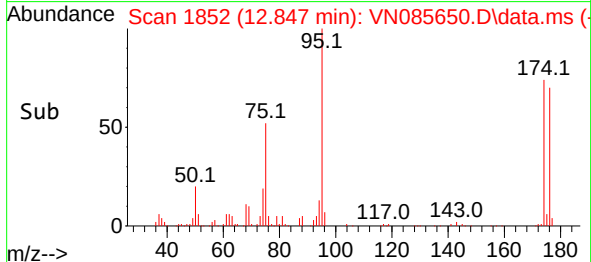
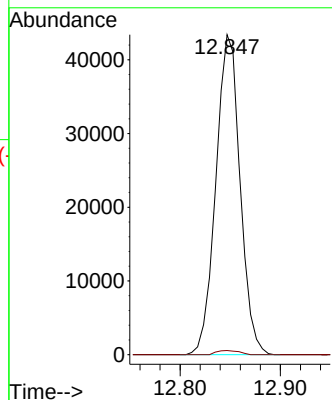
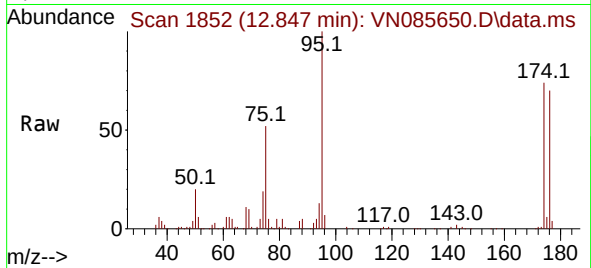




#76
1,2,3-Trichloropropane
Concen: 29.827 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

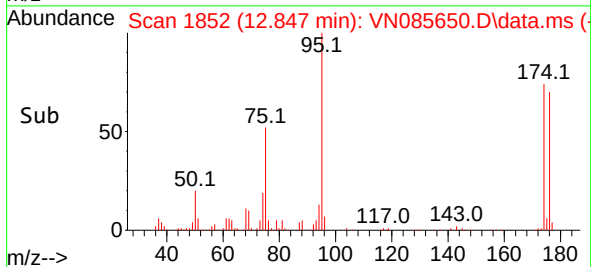
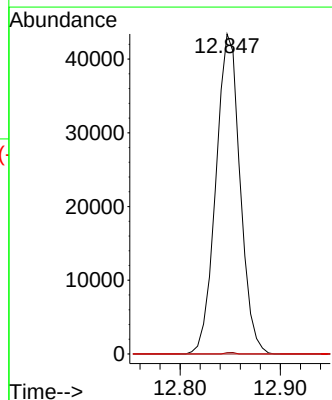
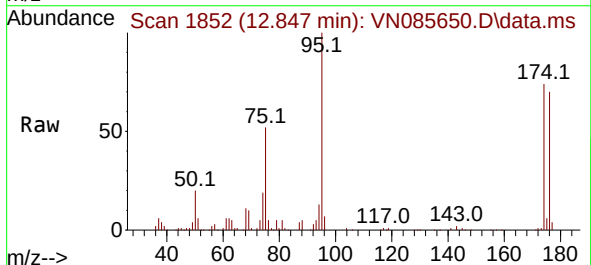
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

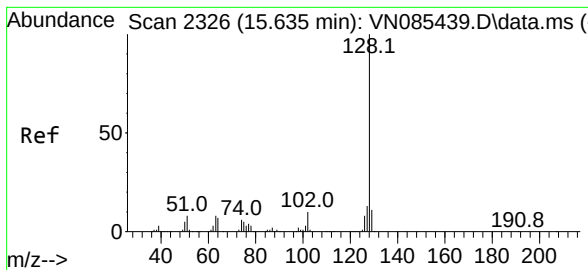
Tgt Ion: 75 Resp: 72745
Ion Ratio Lower Upper
75 100
77 1.2 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.699 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085650.D
Acq: 04 Feb 2025 14:27

Tgt Ion: 75 Resp: 72745
Ion Ratio Lower Upper
75 100
53 0.2 95.6 143.4#
89 0.0 37.0 55.6#





#95
 Naphthalene
 Concen: 0.611 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085650.D
 Acq: 04 Feb 2025 14:27

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-3.5-013025

Tgt Ion:	128	Resp:	3293
Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.6	16.0#
129	4.6	8.8	13.2#

