

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084392.D
 Acq On : 11 Oct 2024 10:21
 Operator : JC\MD
 Sample : VN1011MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 02:03:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113281	48.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.165	113	91340	50.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.140%
50) Toluene-d8	10.565	98	324769	48.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.847	95	104106	43.000	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.000%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	237	0.112	ug/l #	14
5) Bromomethane	2.989	94	630	0.467	ug/l	81
6) Chloroethane	3.130	64	370	0.252	ug/l #	45
10) Methyl Iodide	4.594	142	527	0.224	ug/l #	40
13) Acrolein	4.189	56	215	0.490	ug/l #	51
15) Acrylonitrile	5.724	53	508	0.526	ug/l #	84
16) Acetone	4.441	43	244	0.245	ug/l #	44
17) Carbon Disulfide	4.712	76	2322	0.416	ug/l #	75
18) Methyl Acetate	5.012	43	54	0.025	ug/l #	51
20) Methylene Chloride	5.289	84	73	0.036	ug/l #	3
21) trans-1,2-Dichloroethene	5.771	96	172	0.093	ug/l #	1
23) Vinyl Acetate	6.600	43	148	0.032	ug/l #	72
25) 2-Butanone	7.477	43	75	0.055	ug/l #	48
26) 2,2-Dichloropropane	7.447	77	56	0.018	ug/l #	54
31) Cyclohexane	8.229	56	3825	1.113	ug/l #	33
36) 1,1-Dichloropropene	8.229	75	13801	5.260	ug/l #	51
37) Ethyl Acetate	7.506	43	107	0.040	ug/l #	69
38) Carbon Tetrachloride	8.218	117	17200	5.976	ug/l #	16
40) Benzene	8.600	78	216	0.026	ug/l #	51
42) 1,2-Dichloroethane	8.671	62	90	0.032	ug/l #	75
43) Isopropyl Acetate	8.712	43	1527	0.290	ug/l #	56
44) Trichloroethene	9.347	130	147	0.077	ug/l	1
51) 4-Methyl-2-Pentanone	10.441	43	223	0.087	ug/l #	36
52) Toluene	10.635	92	225	0.045	ug/l	81
53) t-1,3-Dichloropropene	10.835	75	147	0.050	ug/l #	43
59) 2-Hexanone	11.194	43	552	0.288	ug/l #	41
65) Chlorobenzene	11.888	112	594	0.114	ug/l #	86
67) Ethyl Benzene	11.970	91	470	0.051	ug/l #	44
68) m/p-Xylenes	12.065	106	583	0.171	ug/l	92
69) o-Xylene	12.400	106	137	0.043	ug/l #	1
70) Styrene	12.400	104	441	0.081	ug/l #	92
71) Bromoform	12.570	173	53	0.040	ug/l #	30
73) Isopropylbenzene	12.694	105	353	0.049	ug/l #	49
74) N-amyl acetate	12.494	43	171	0.052	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.935	83	110	0.051	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	55115	28.559	ug/l #	1

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

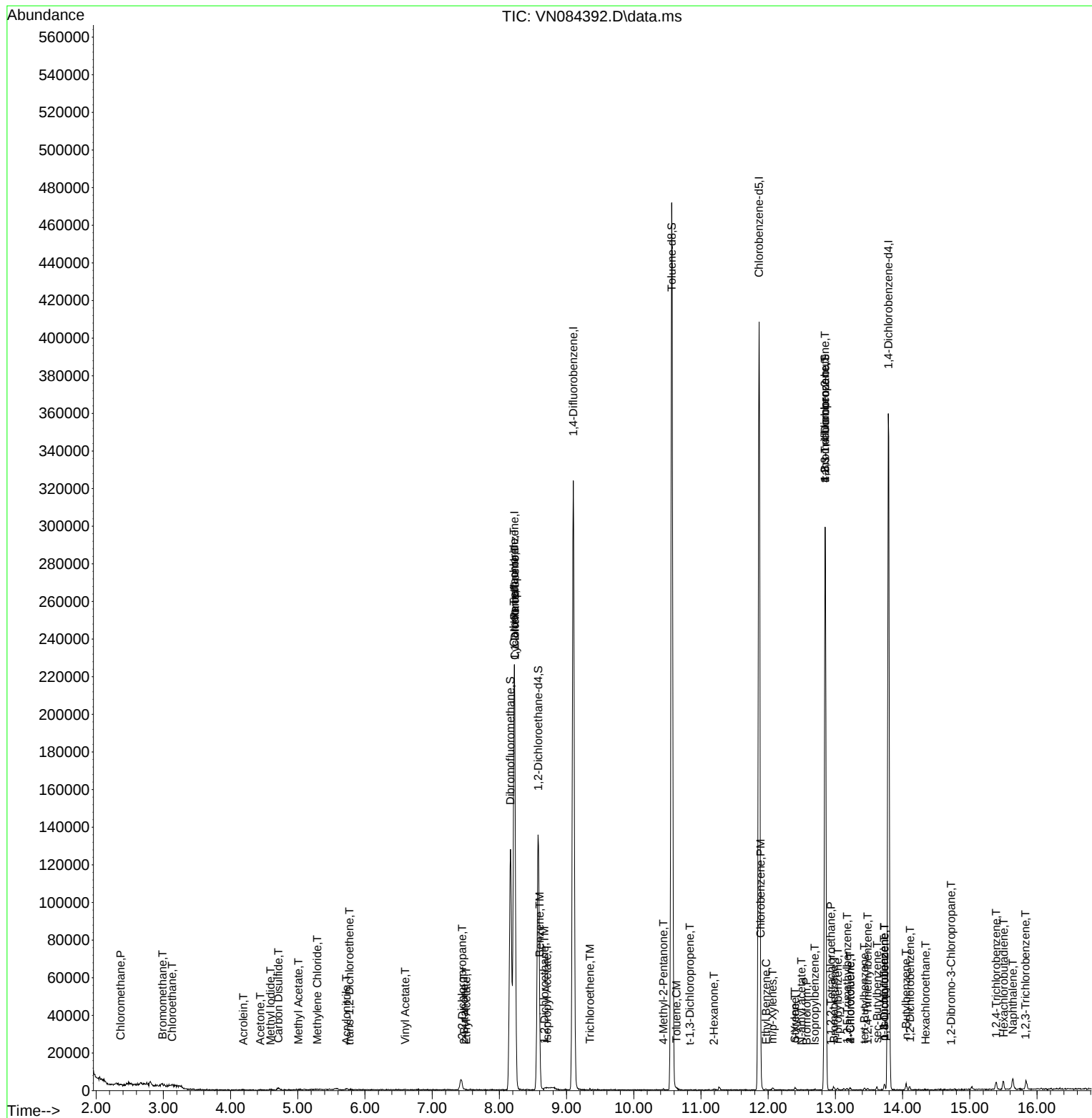
77) Bromobenzene	12.982	156	316	0.182	ug/l	84
78) n-propylbenzene	13.035	91	893	0.107	ug/l #	70
79) 2-Chlorotoluene	13.223	91	957	0.179	ug/l	79
80) 1,3,5-Trimethylbenzene	13.176	105	681	0.116	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.847	75	55115	68.470	ug/l #	11
82) 4-Chlorotoluene	13.223	91	957	0.178	ug/l	79
83) tert-Butylbenzene	13.429	119	705	0.135	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.482	105	731	0.123	ug/l	70
85) sec-Butylbenzene	13.623	105	1247	0.179	ug/l	92
86) p-Isopropyltoluene	13.723	119	988	0.171	ug/l #	80
87) 1,3-Dichlorobenzene	13.729	146	1060	0.325	ug/l	86
88) 1,4-Dichlorobenzene	13.729	146	1060	0.322	ug/l	87
89) n-Butylbenzene	14.053	91	2149	0.411	ug/l	92
90) Hexachloroethane	14.341	117	58	0.050	ug/l #	15
91) 1,2-Dichlorobenzene	14.111	146	1045	0.326	ug/l #	79
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63	0.141	ug/l #	49
93) 1,2,4-Trichlorobenzene	15.394	180	1616	1.025	ug/l	95
94) Hexachlorobutadiene	15.505	225	1102	1.402	ug/l	97
95) Naphthalene	15.641	128	6811	1.303	ug/l	98
96) 1,2,3-Trichlorobenzene	15.829	180	2124	1.346	ug/l	95

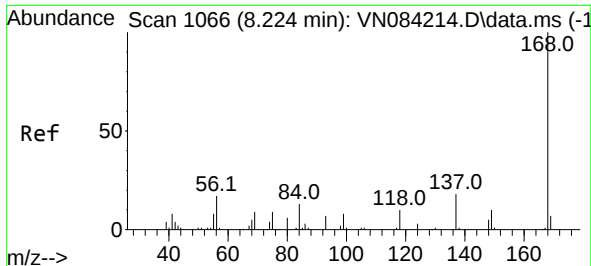
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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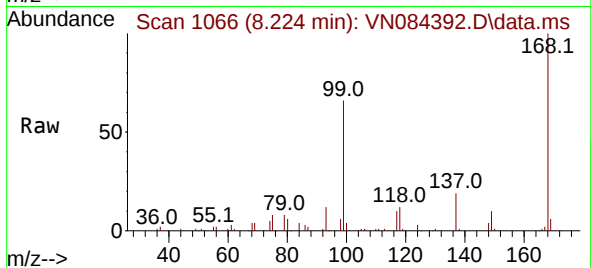
Quant Time: Oct 14 02:03:02 2024
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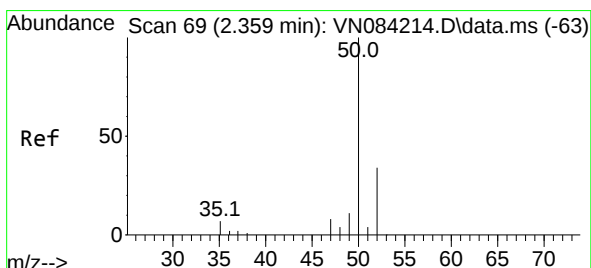
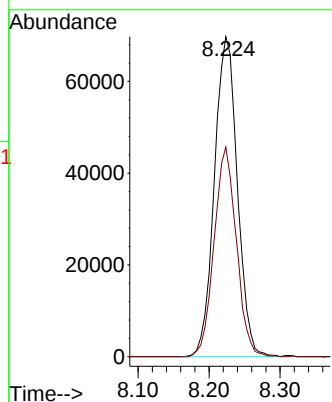
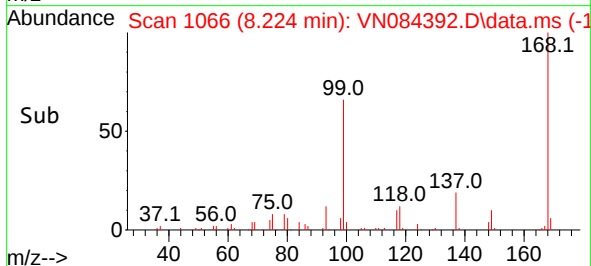


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084392.D
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ClientSampleId :

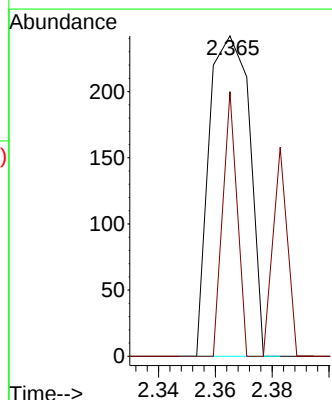
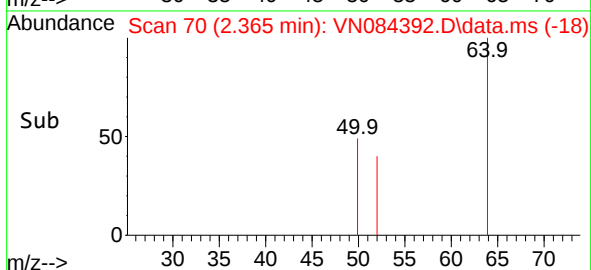
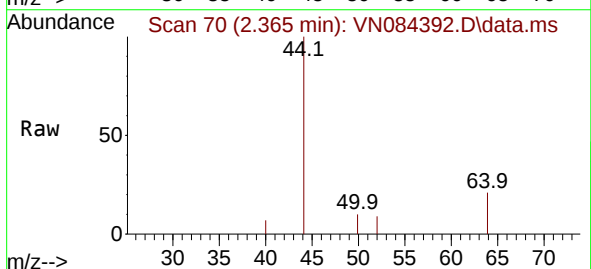


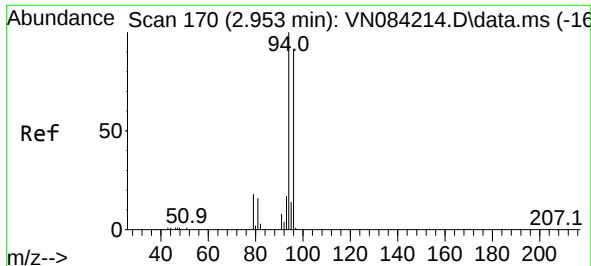
Tgt Ion:168 Resp: 156491
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#3
Chloromethane
Concen: 0.112 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

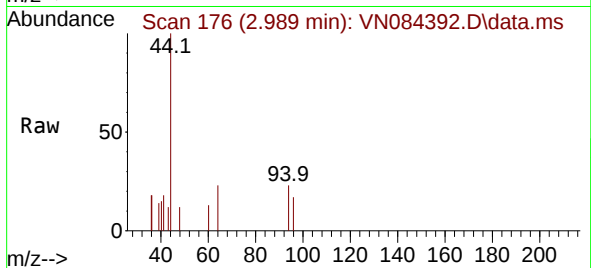
Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 82.6 26.8 40.2#



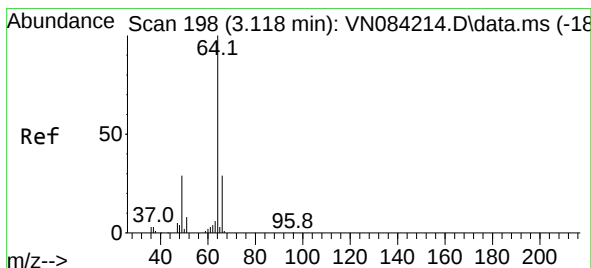
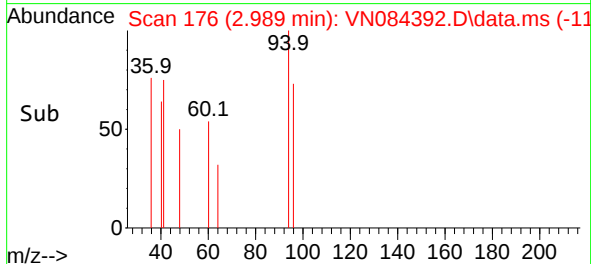
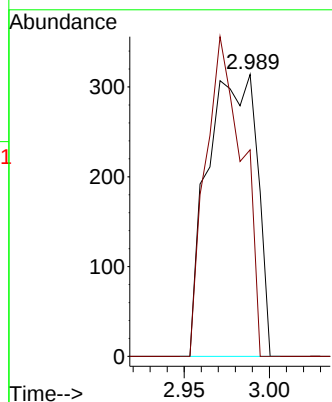


#5
Bromomethane
Concen: 0.467 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

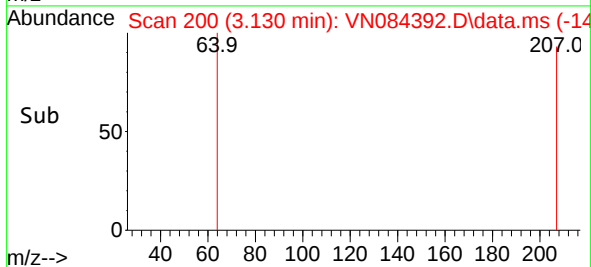
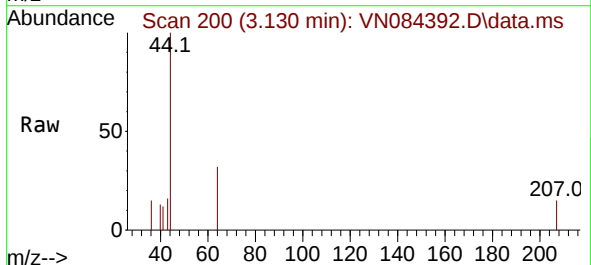


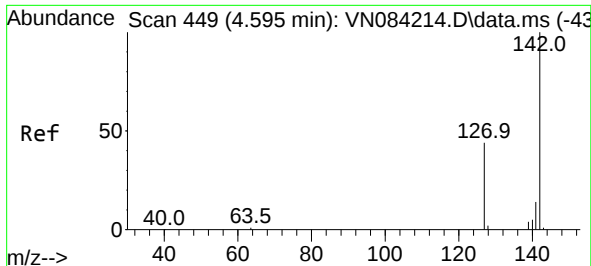
Tgt Ion: 94 Resp: 630
Ion Ratio Lower Upper
94 100
96 73.2 72.9 109.3



#6
Chloroethane
Concen: 0.252 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

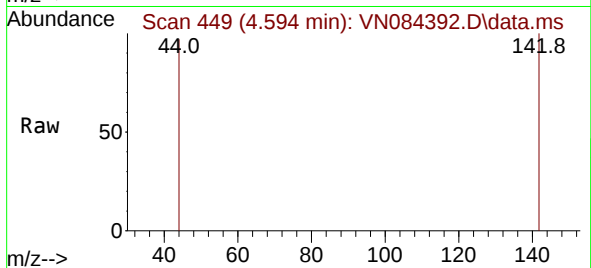
Tgt Ion: 64 Resp: 370
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



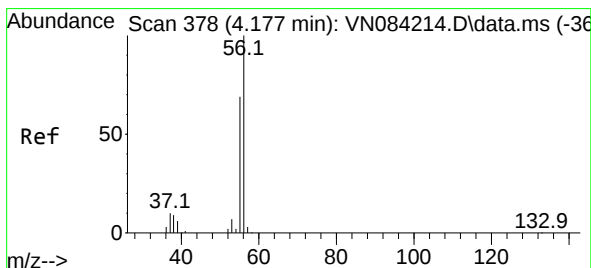
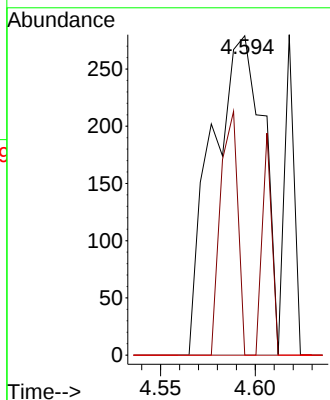
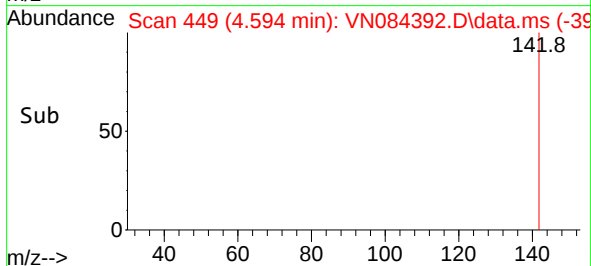


#10
Methyl Iodide
Concen: 0.224 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

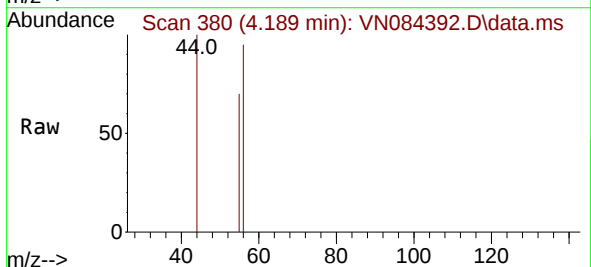
Instrument :
MSVOA_N
ClientSampleId :



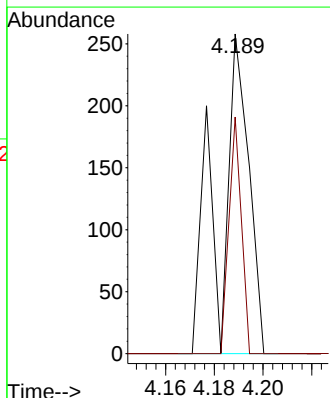
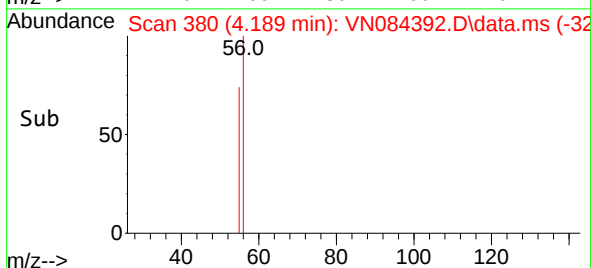
Tgt Ion:142 Resp: 527
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#

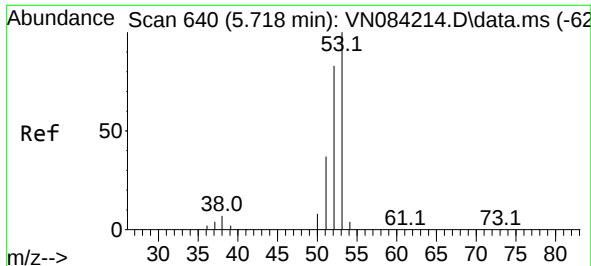


#13
Acrolein
Concen: 0.490 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21



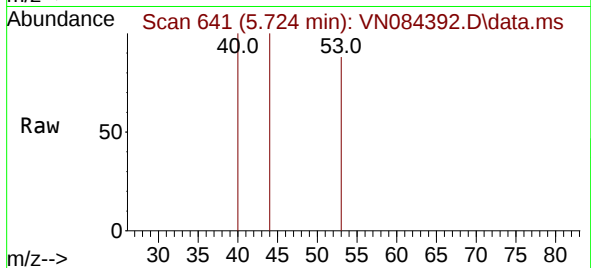
Tgt Ion: 56 Resp: 215
Ion Ratio Lower Upper
56 100
55 31.2 57.2 85.8#



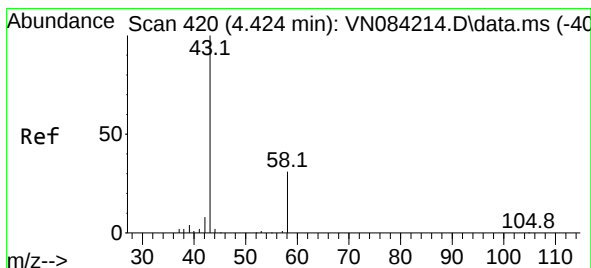
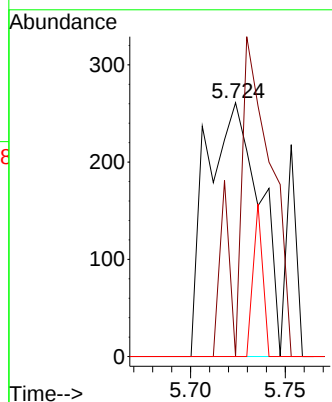
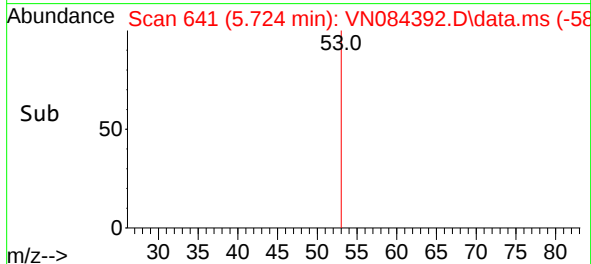


#15
Acrylonitrile
Concen: 0.526 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

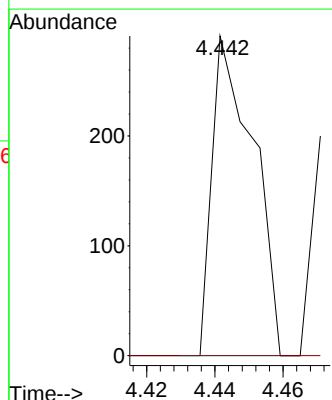
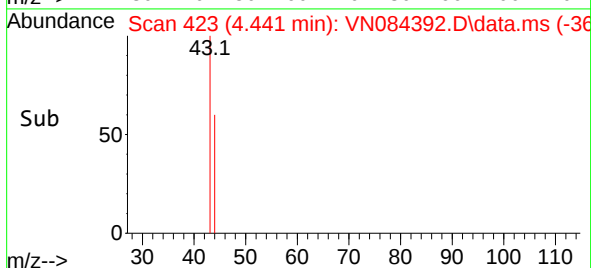
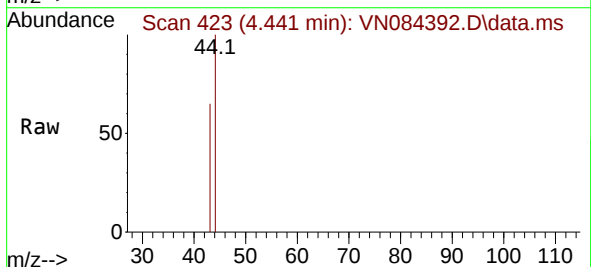


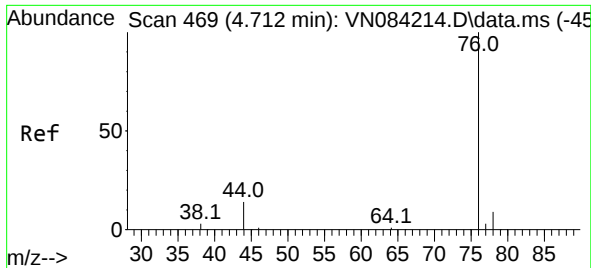
Tgt Ion: 53 Resp: 508
Ion Ratio Lower Upper
53 100
52 79.5 66.2 99.4
51 10.8 28.8 43.2#



#16
Acetone
Concen: 0.245 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

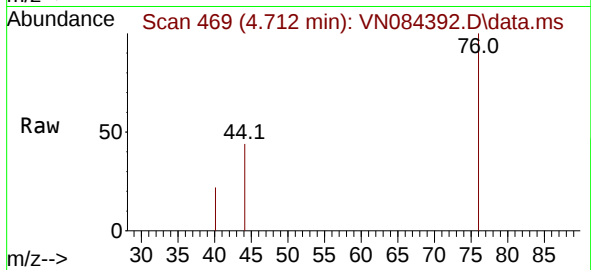
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



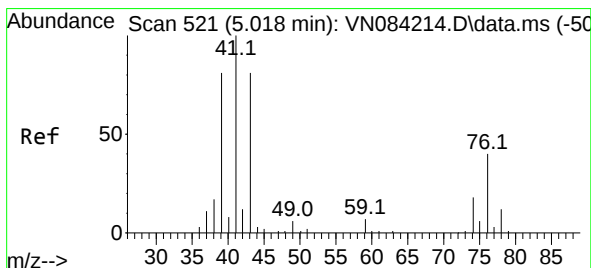
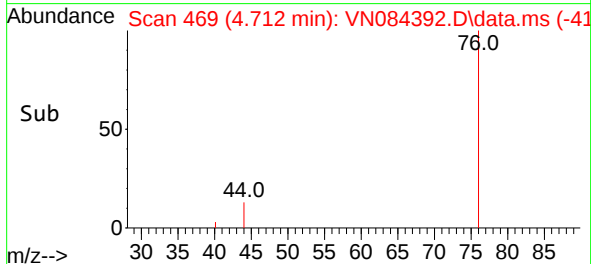
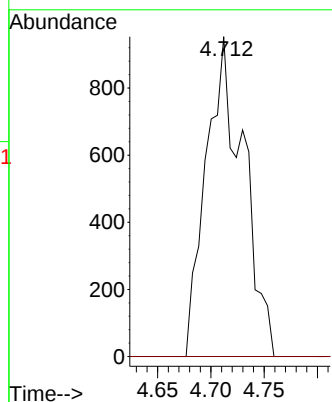


#17
Carbon Disulfide
Concen: 0.416 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
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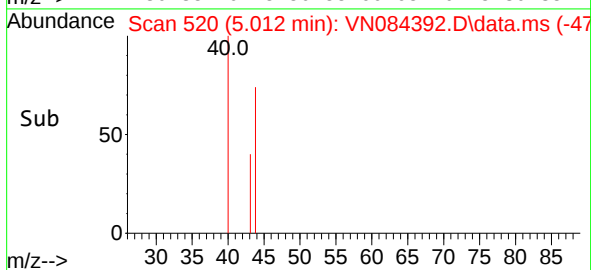
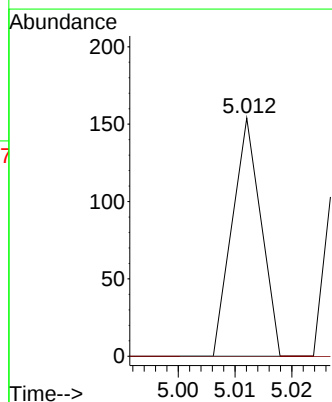
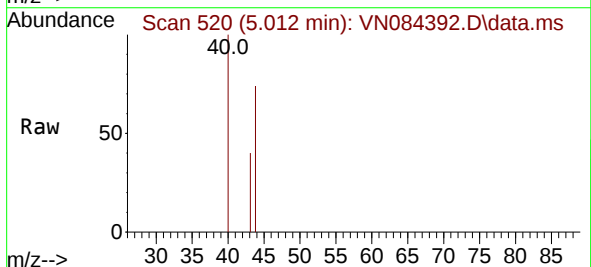


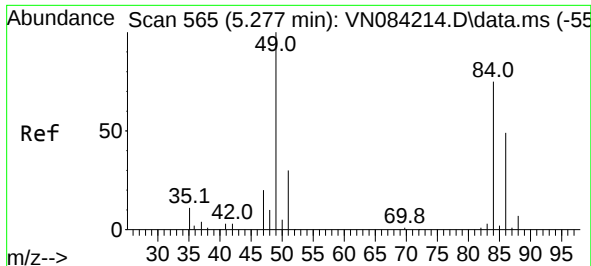
Tgt Ion: 76 Resp: 2322
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.025 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

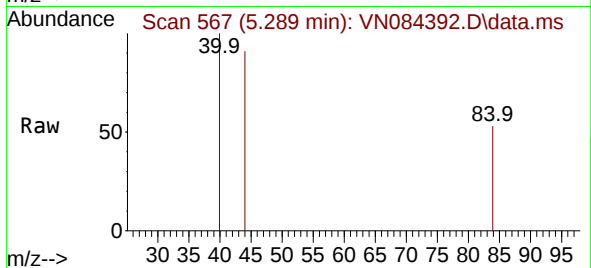
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Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



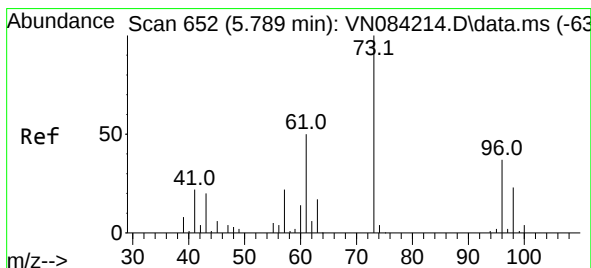
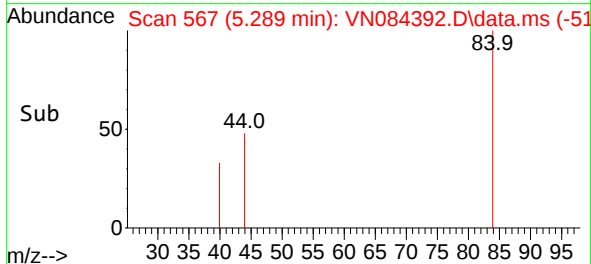
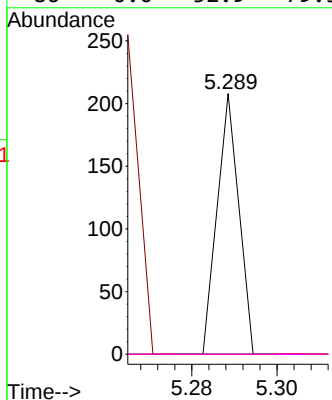


#20
Methylene Chloride
Concen: 0.036 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
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ClientSampleId :

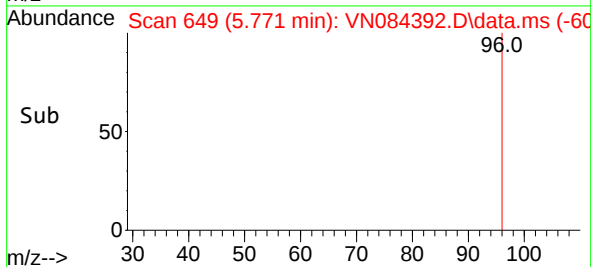
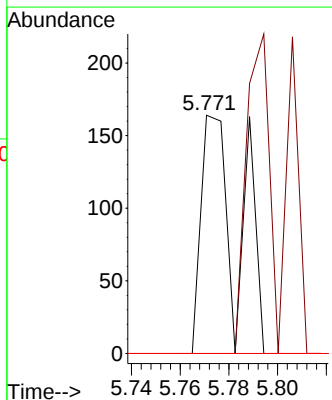
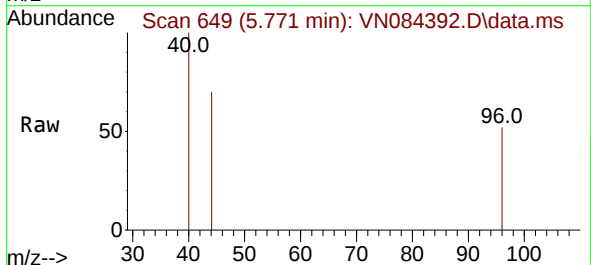


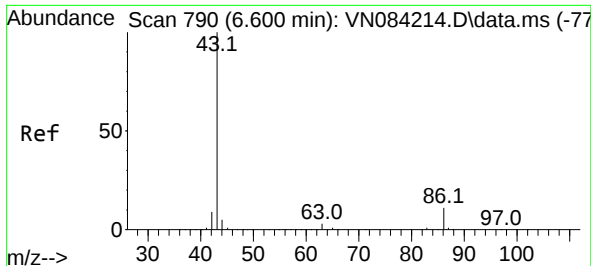
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Ion Ratio	Lower Upper
84 100	
49 0.0	107.2 160.8#
51 0.0	31.8 47.8#
86 0.0	52.9 79.3#



#21
trans-1,2-Dichloroethene
Concen: 0.093 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.018 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 96	Resp: 172
Ion Ratio	Lower Upper
96 100	
61 0.0	108.4 162.6#
98 0.0	49.8 74.8#

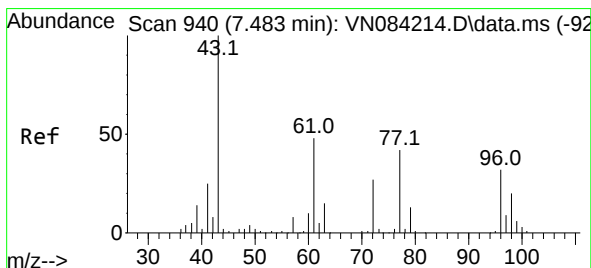
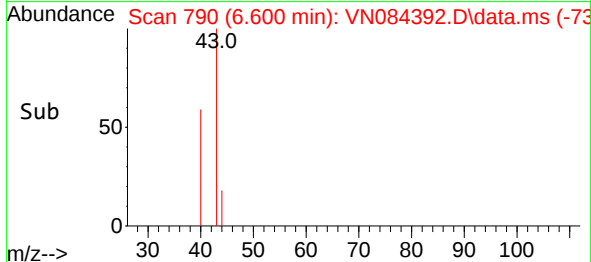
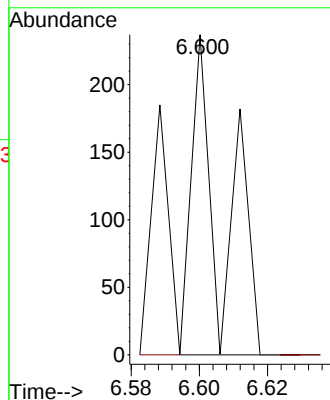
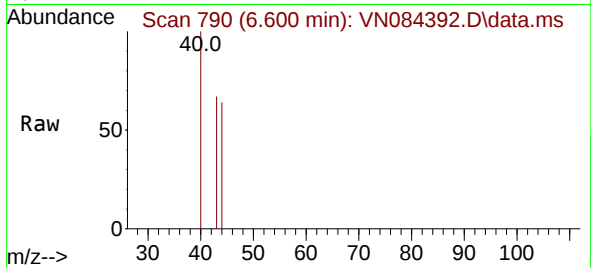




#23
 Vinyl Acetate
 Concen: 0.032 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084392.D
 Acq: 11 Oct 2024 10:21

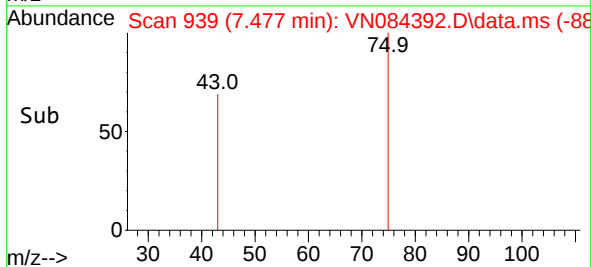
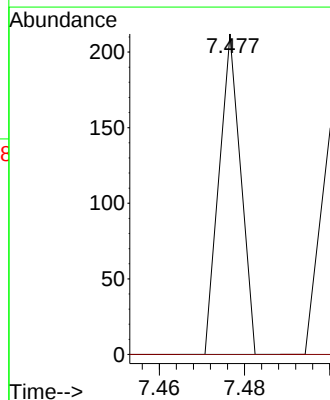
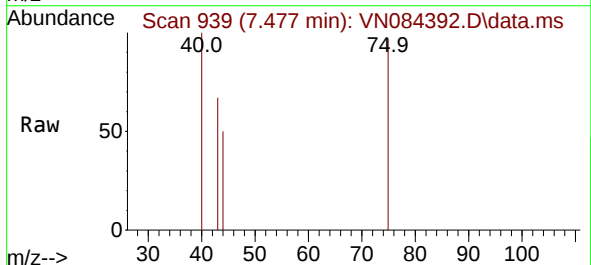
Instrument :
 MSVOA_N
 ClientSampleId :

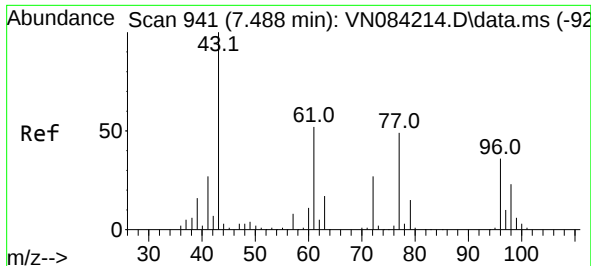
Tgt Ion: 43 Resp: 148
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 0.055 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.006 min
 Lab File: VN084392.D
 Acq: 11 Oct 2024 10:21

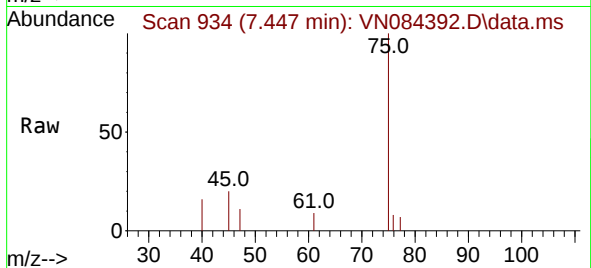
Tgt Ion: 43 Resp: 75
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.4 32.2#



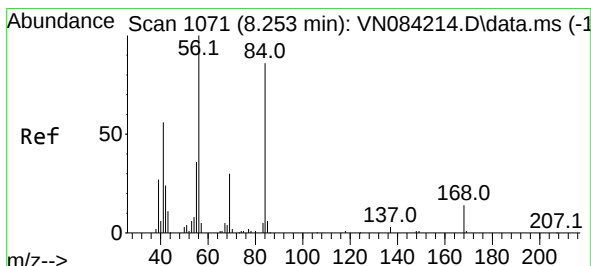
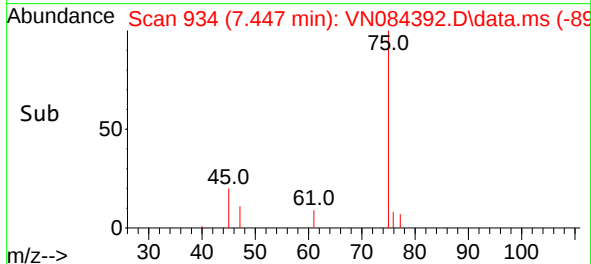
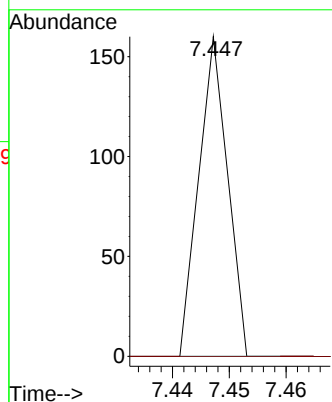


#26
2,2-Dichloropropane
Concen: 0.018 ug/l
RT: 7.447 min Scan# 91
Delta R.T. -0.041 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

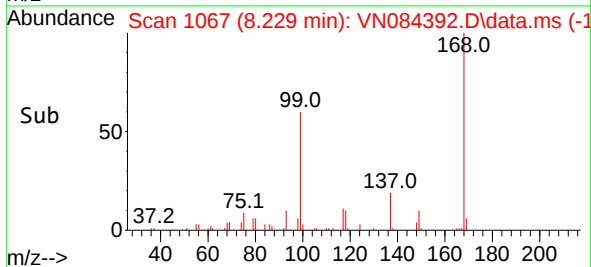
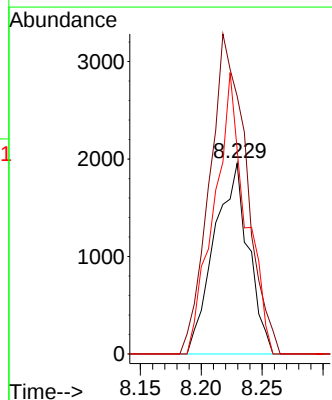
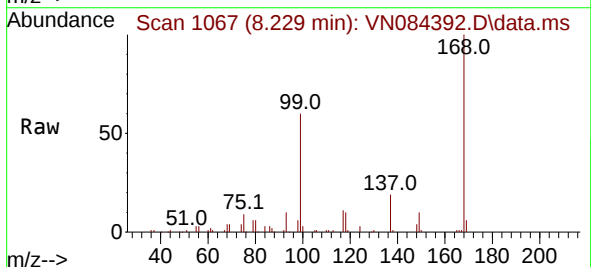


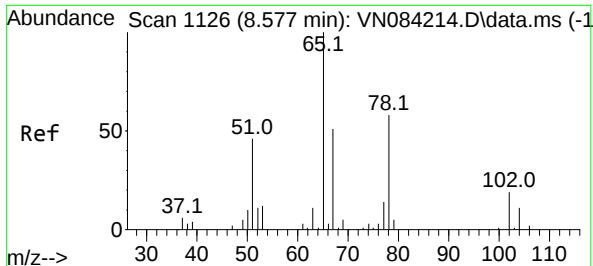
Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 56 Resp: 3825
Ion Ratio Lower Upper
56 100
69 135.2 23.8 35.6#
84 107.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.822 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

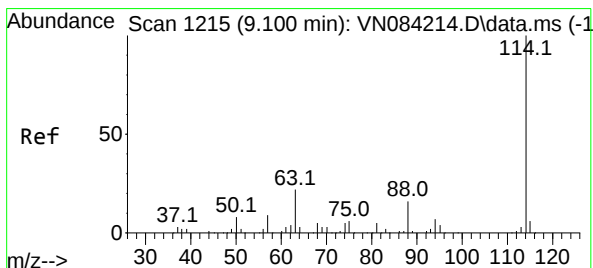
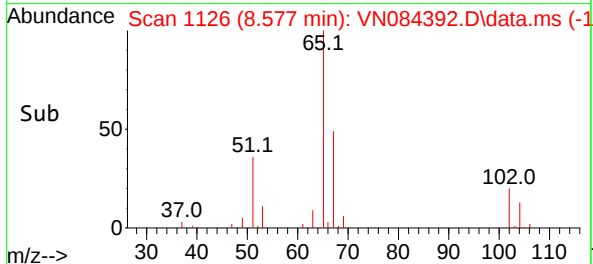
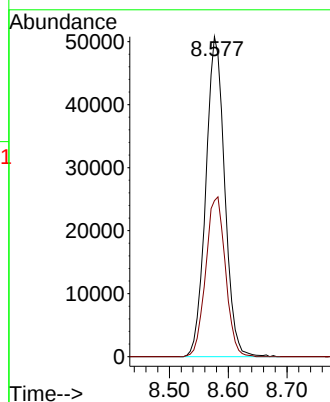
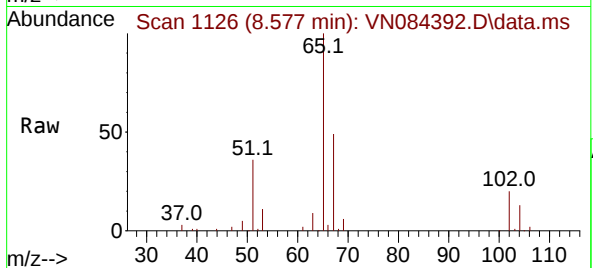
ClientSampleId :

Tgt Ion: 65 Resp: 113281

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

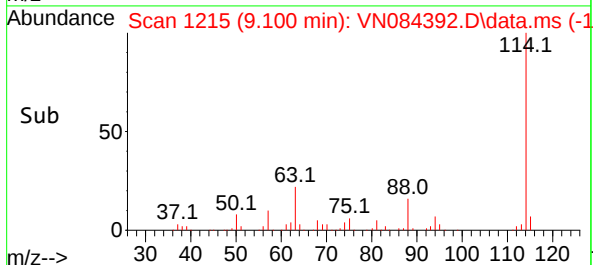
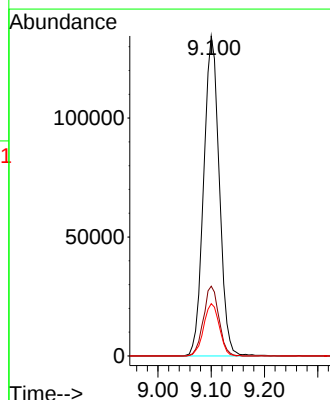
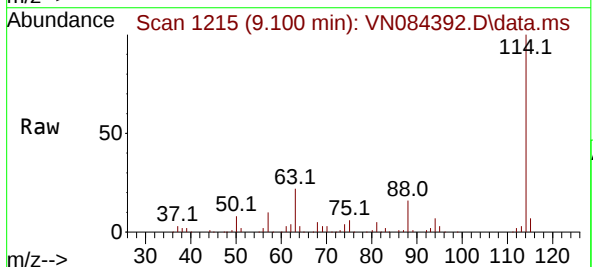
Tgt Ion: 114 Resp: 273991

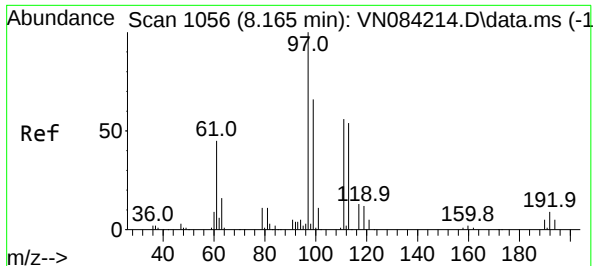
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.567 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

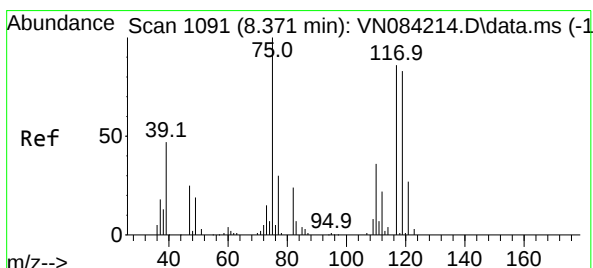
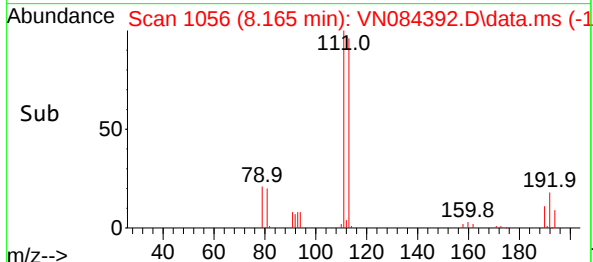
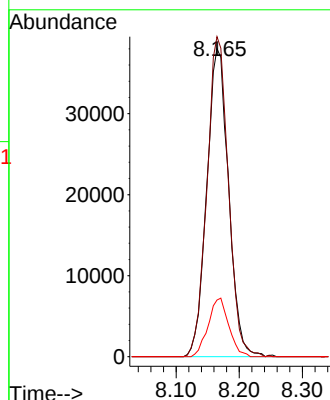
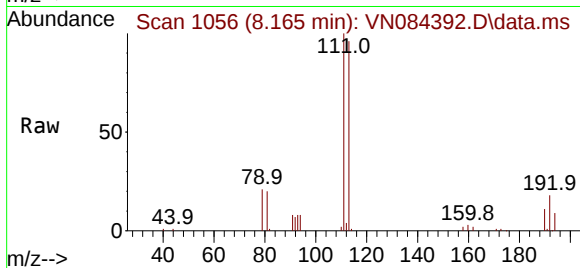
Tgt Ion:113 Resp: 91340

Ion Ratio Lower Upper

113 100

111 101.9 83.3 124.9

192 17.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.260 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

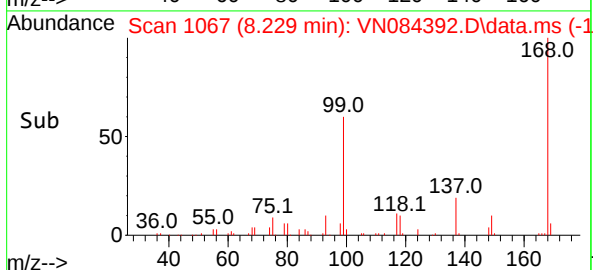
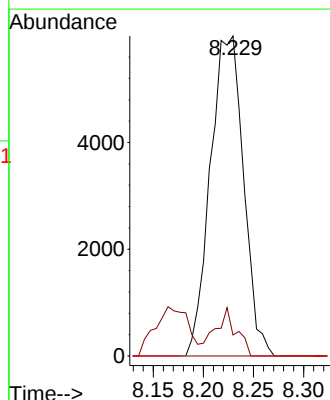
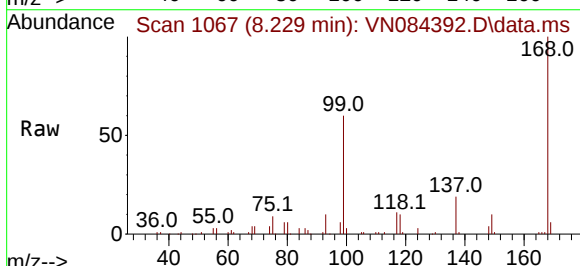
Tgt Ion: 75 Resp: 13801

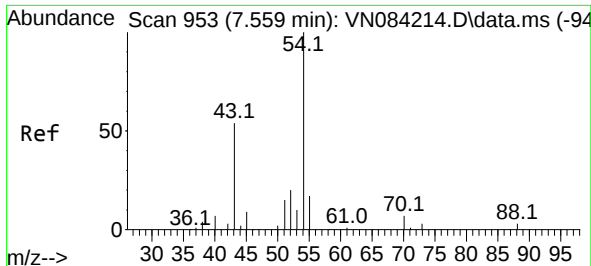
Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.040 ug/l

RT: 7.506 min Scan# 94

Delta R.T. -0.053 min

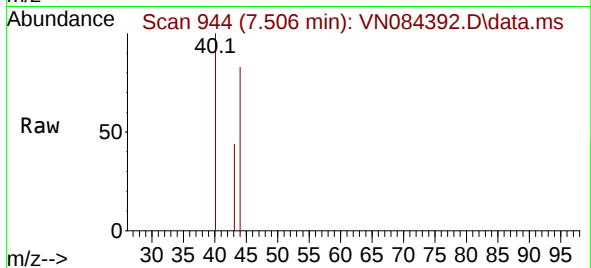
Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

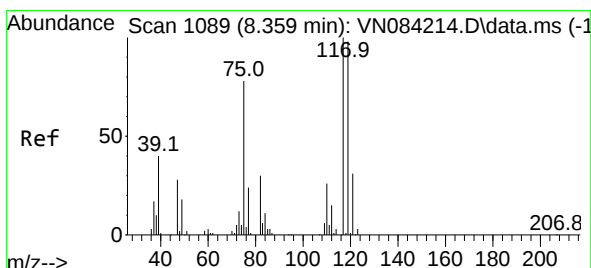
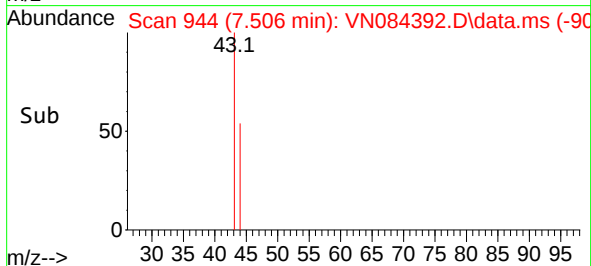
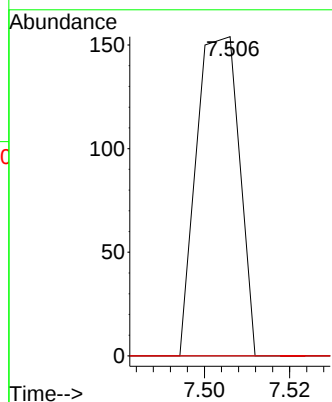
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	107
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.976 ug/l

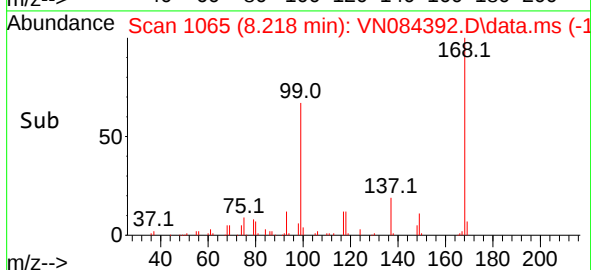
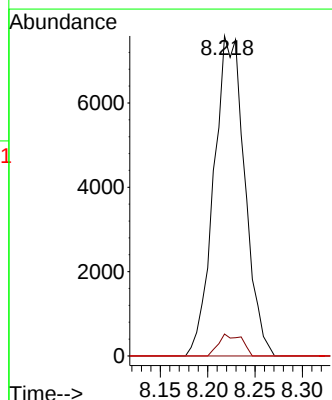
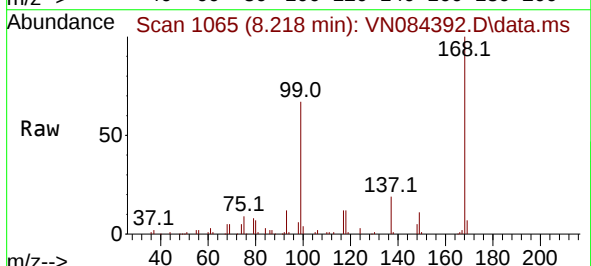
RT: 8.218 min Scan# 1065

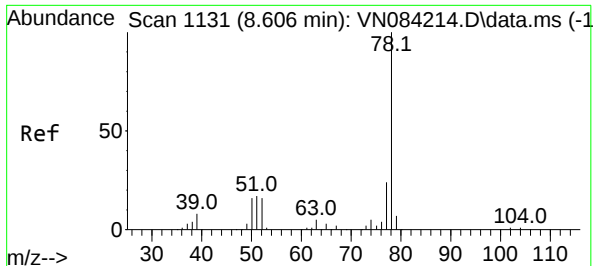
Delta R.T. -0.141 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Tgt Ion:	117	Resp:	17200
Ion	Ratio	Lower	Upper
117	100		
119	6.8	78.7	118.1#
121	0.0	24.4	36.6#

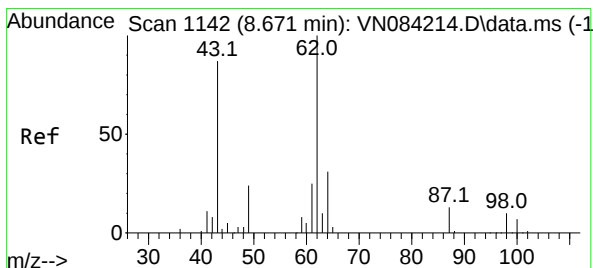
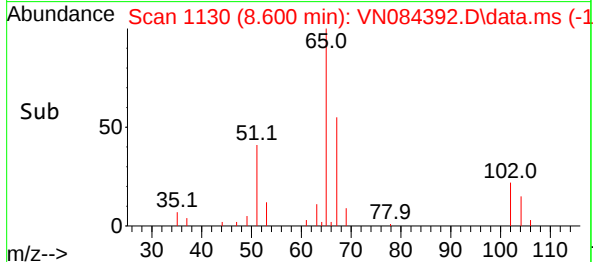
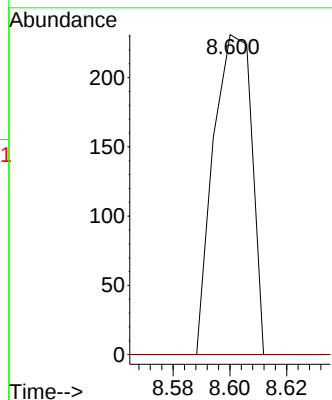
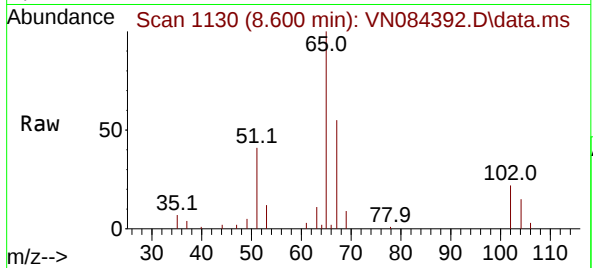




#40
Benzene
Concen: 0.026 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

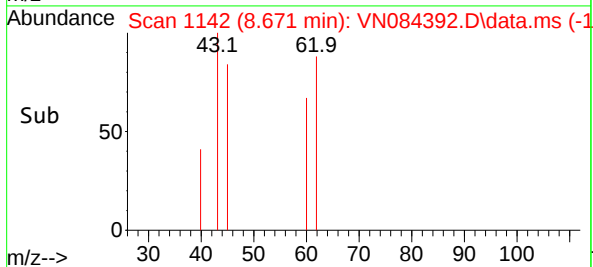
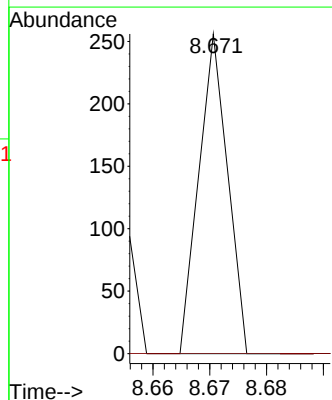
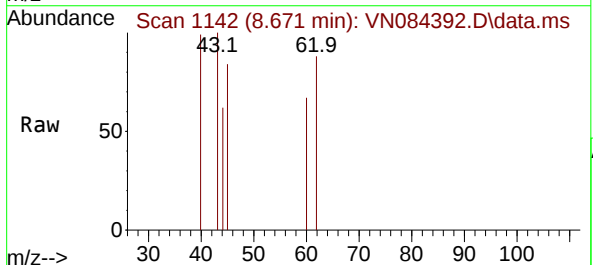
Instrument :
MSVOA_N
ClientSampleId :

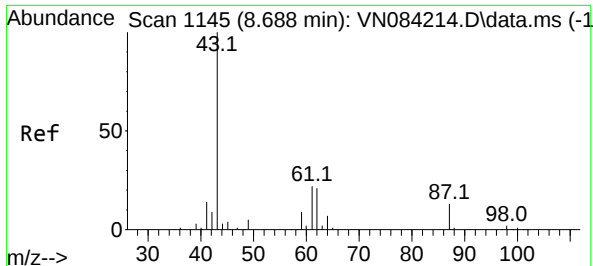
Tgt Ion: 78 Resp: 216
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



#42
1,2-Dichloroethane
Concen: 0.032 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 62 Resp: 90
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

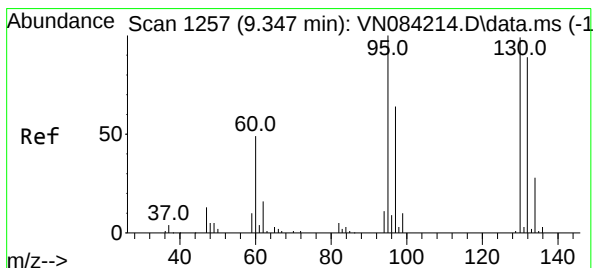
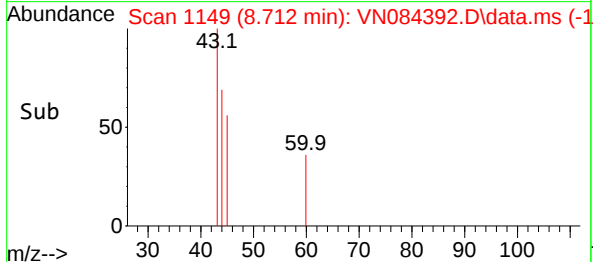
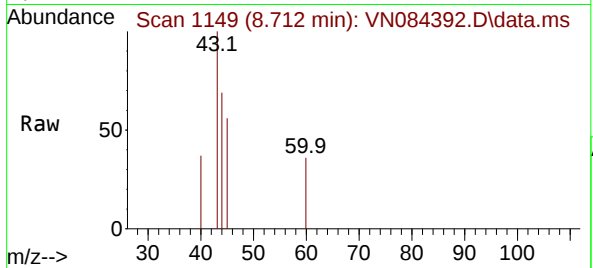




#43
Isopropyl Acetate
Concen: 0.290 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.023 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

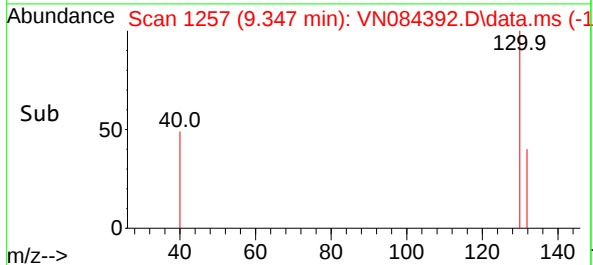
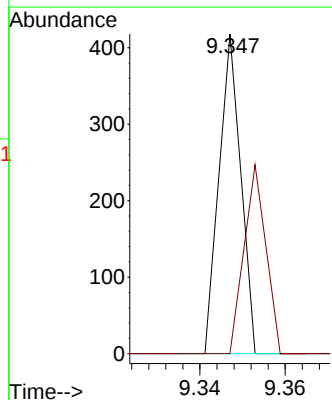
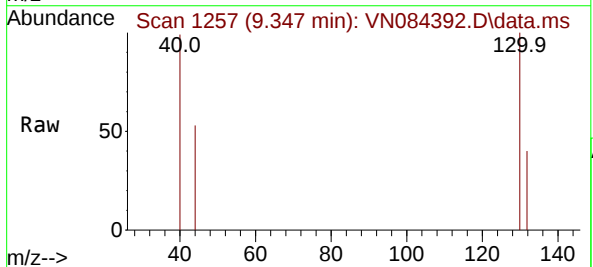
Instrument :
MSVOA_N
ClientSampleId :

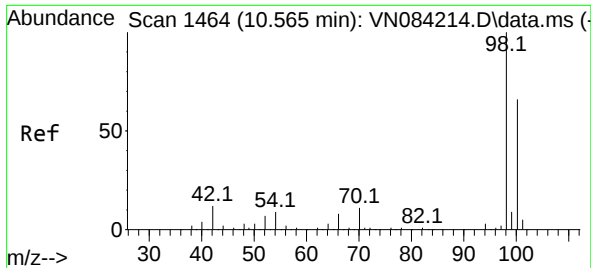
Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 0.077 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

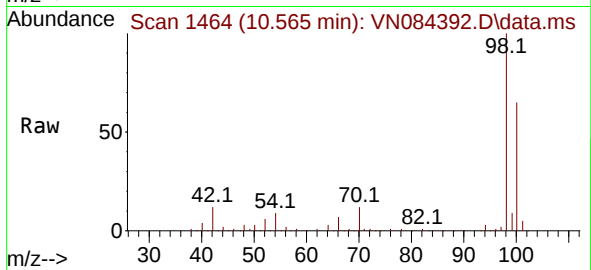
Tgt Ion: 130 Resp: 147
Ion Ratio Lower Upper
130 100
95 0.0 0.0 203.0



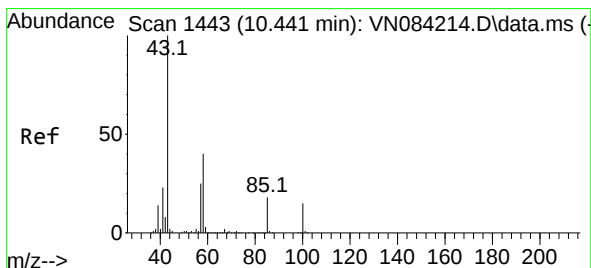
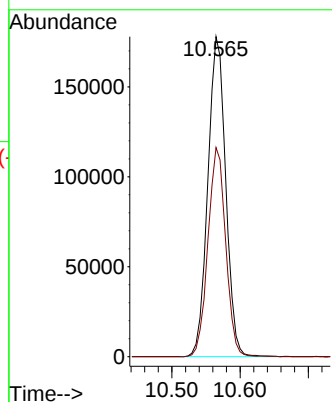
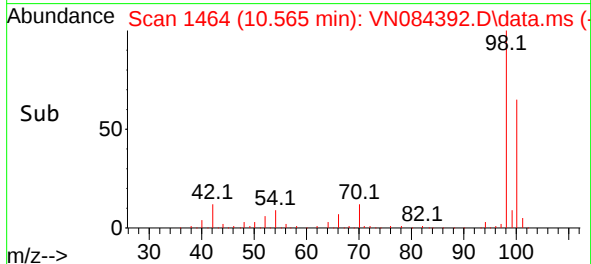


#50
Toluene-d8
Concen: 48.869 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

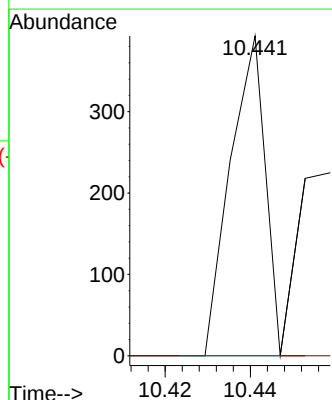
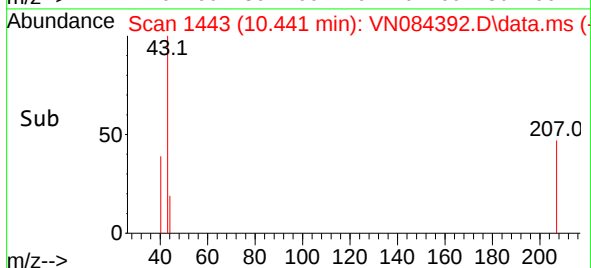
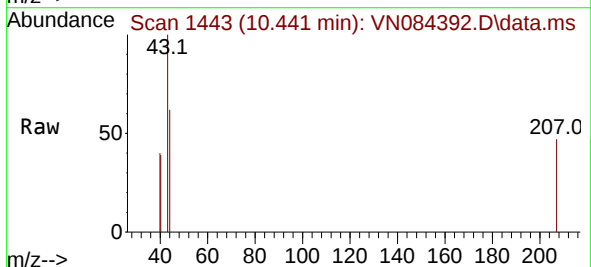


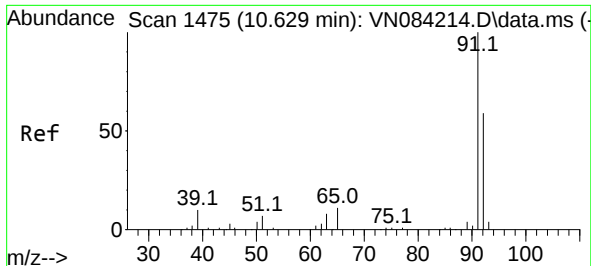
Tgt Ion: 98 Resp: 324769
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.087 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

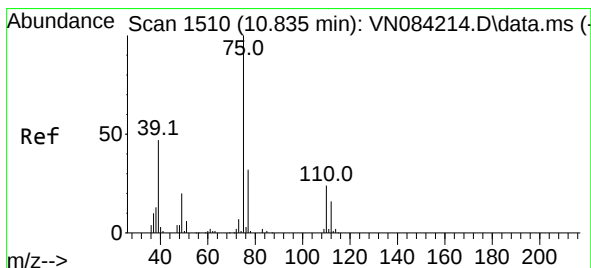
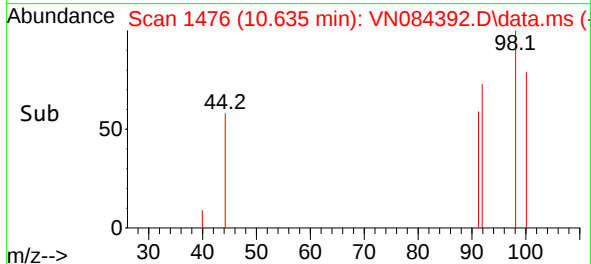
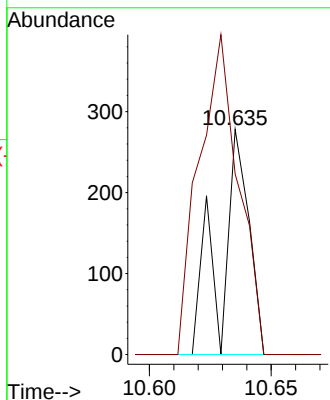
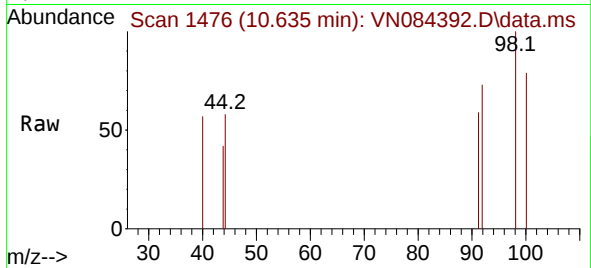




#52
Toluene
Concen: 0.045 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

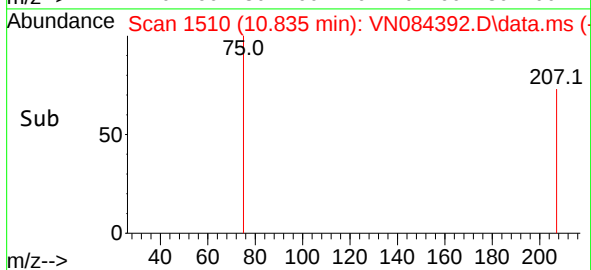
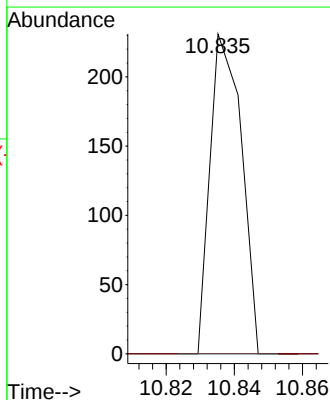
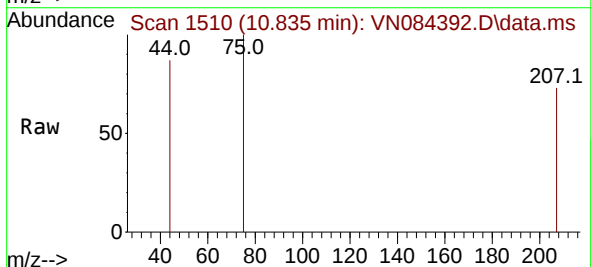
Instrument :
MSVOA_N
ClientSampleId :

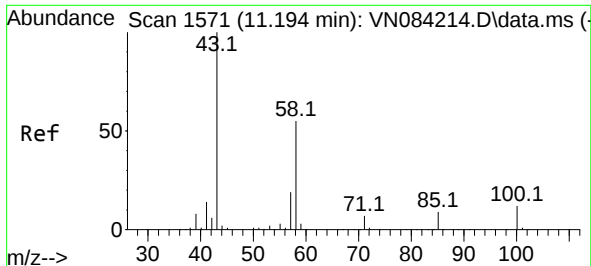
Tgt Ion: 92 Resp: 225
Ion Ratio Lower Upper
92 100
91 197.8 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.050 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 75 Resp: 147
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

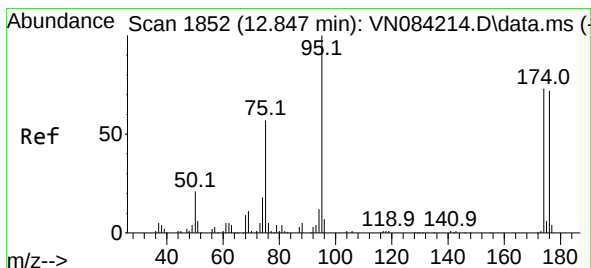
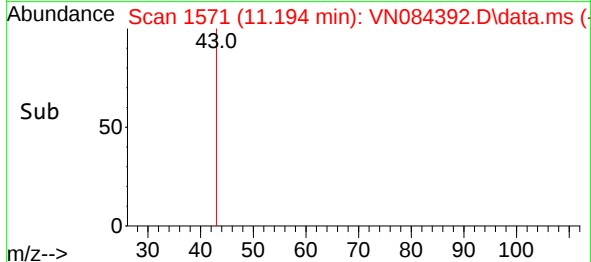
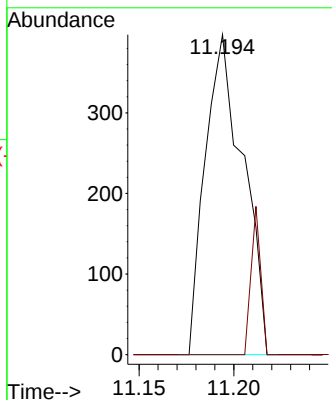
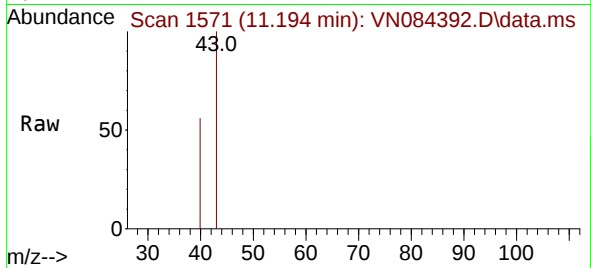




#59
2-Hexanone
Concen: 0.288 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

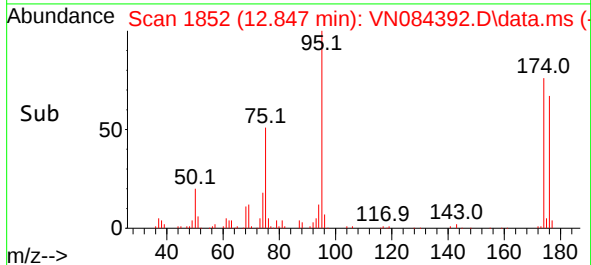
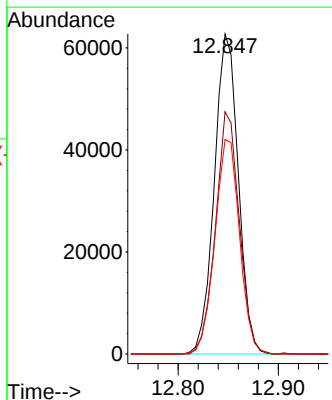
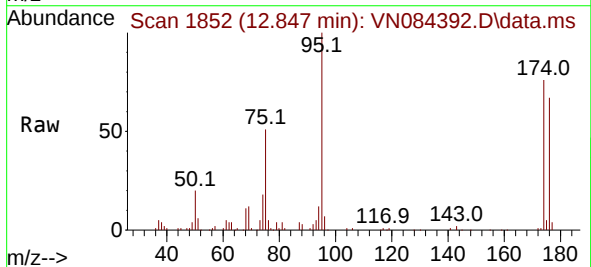
Instrument :
MSVOA_N
ClientSampleId :

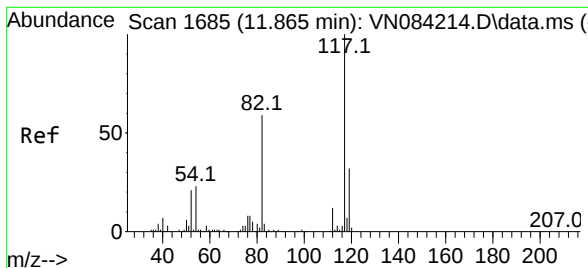
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 11.8 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 43.000 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 95 Resp: 104106
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 69.2 0.0 140.0

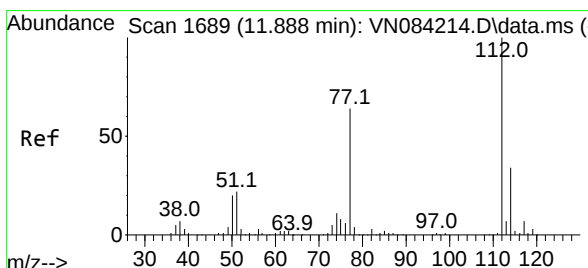
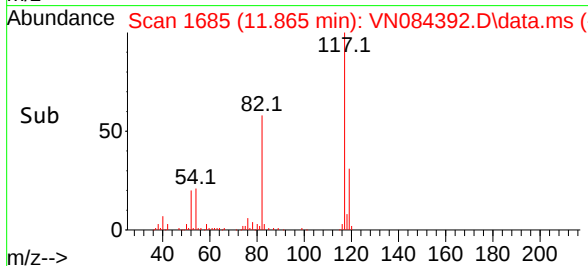
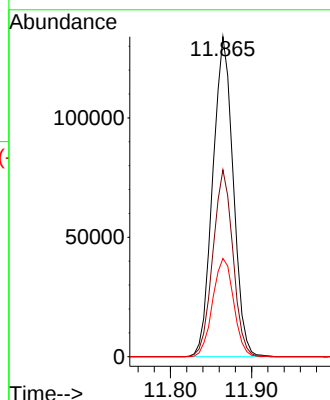
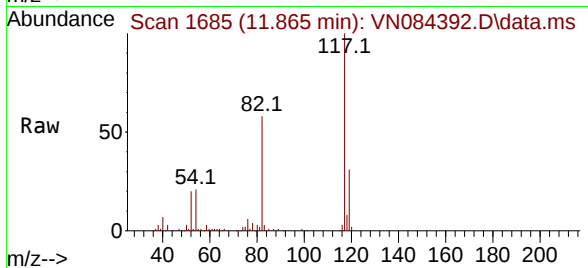




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

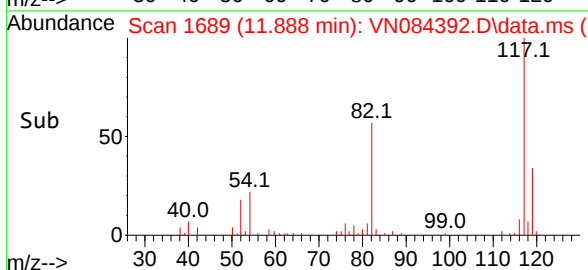
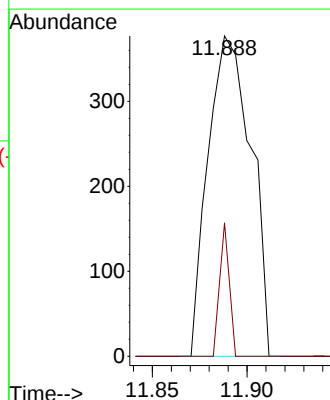
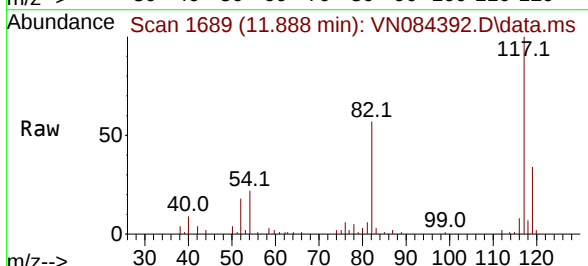
Instrument :
MSVOA_N
ClientSampleId :

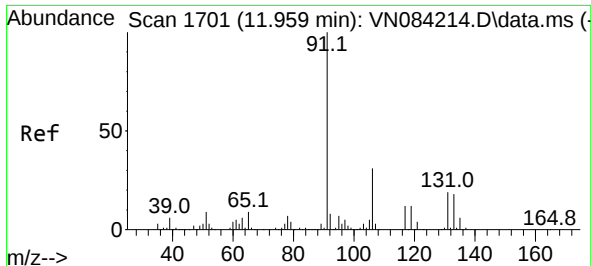
Tgt Ion:117 Resp: 234630
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 30.7 25.4 38.0



#65
Chlorobenzene
Concen: 0.114 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion:112 Resp: 594
Ion Ratio Lower Upper
112 100
114 41.6 27.0 40.6#

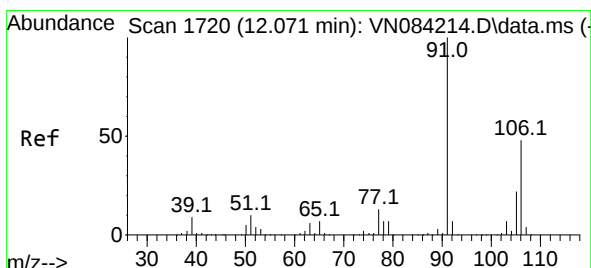
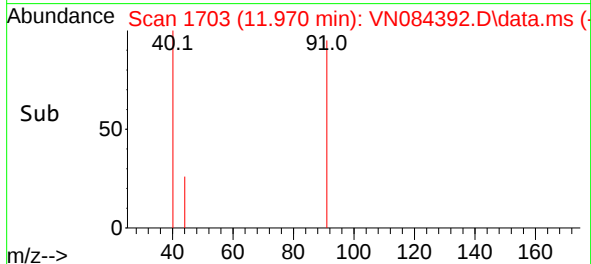
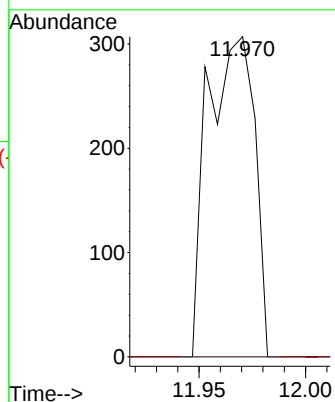
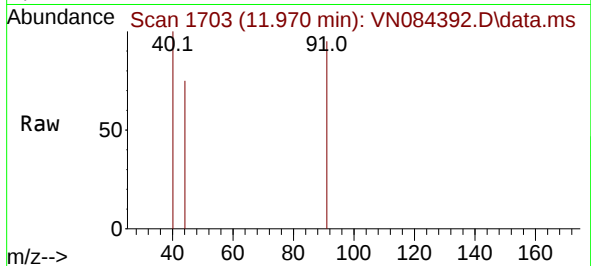




#67
Ethyl Benzene
Concen: 0.051 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

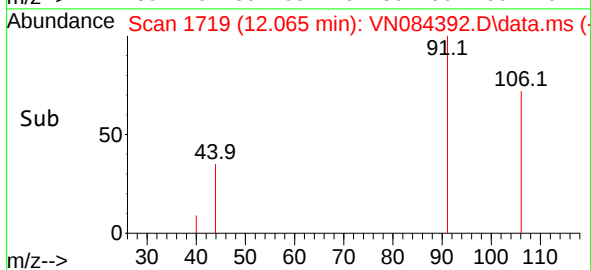
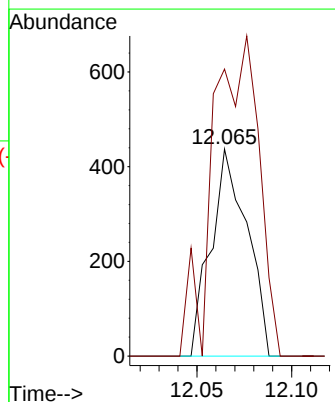
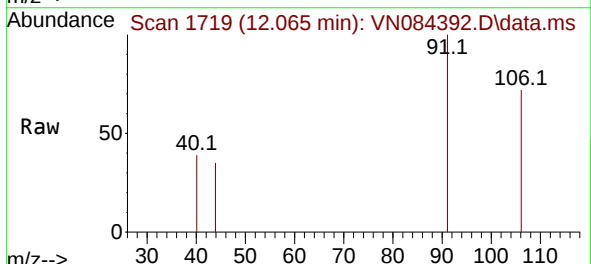
Instrument :
MSVOA_N
ClientSampleId :

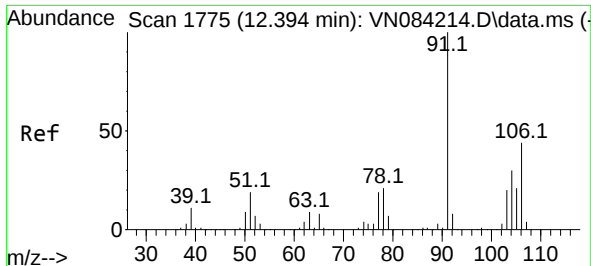
Tgt Ion: 91 Resp: 470
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#



#68
m/p-Xylenes
Concen: 0.171 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 106 Resp: 583
Ion Ratio Lower Upper
106 100
91 195.9 167.1 250.7

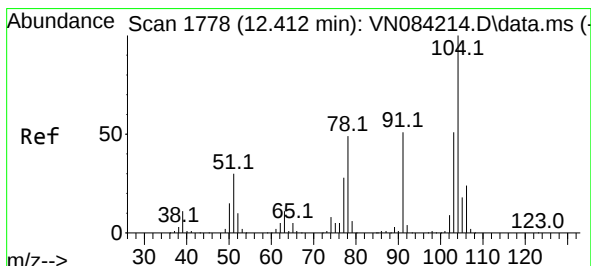
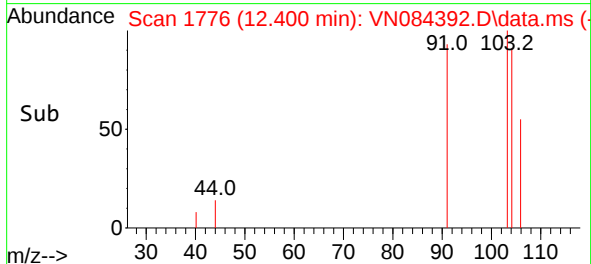
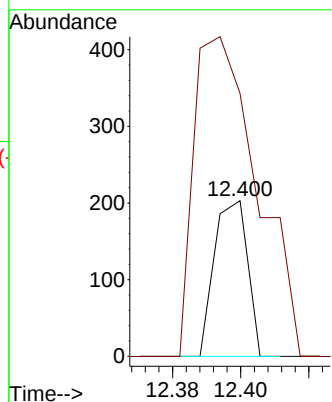
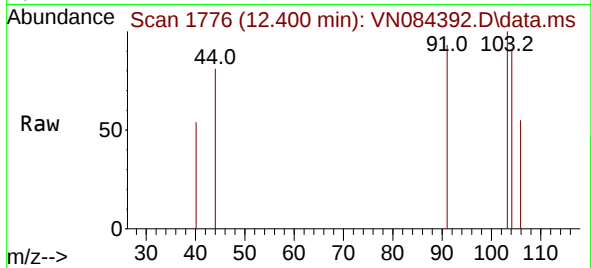




#69
o-Xylene
Concen: 0.043 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

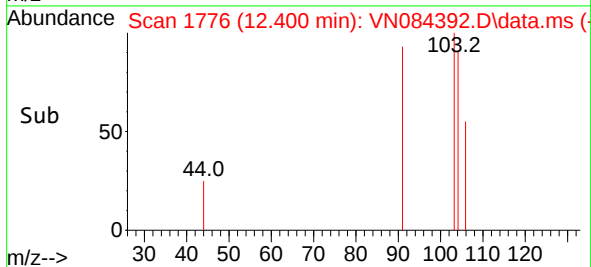
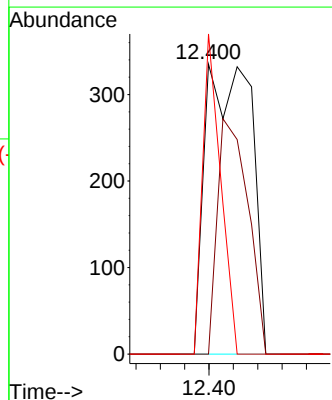
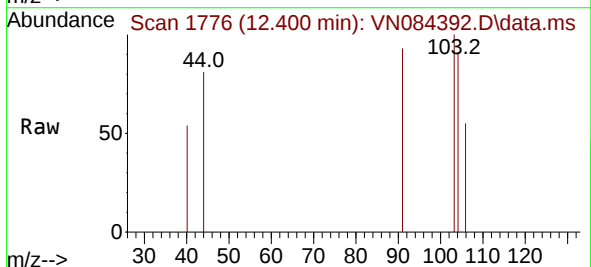
Instrument :
MSVOA_N
ClientSampleId :

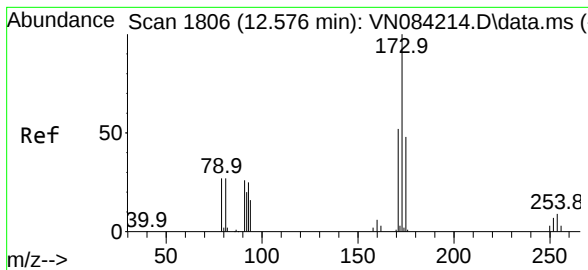
Tgt Ion:106 Resp: 137
Ion Ratio Lower Upper
106 100
91 392.7 110.2 330.6#



#70
Styrene
Concen: 0.081 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

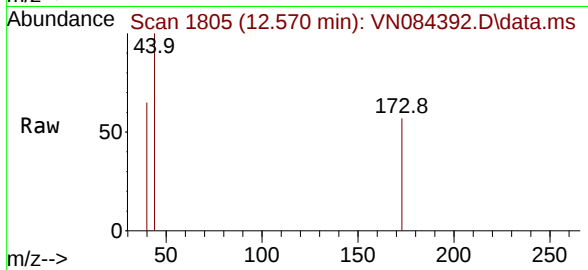
Tgt Ion:104 Resp: 441
Ion Ratio Lower Upper
104 100
78 53.7 42.7 64.1
103 43.5 43.6 65.4#



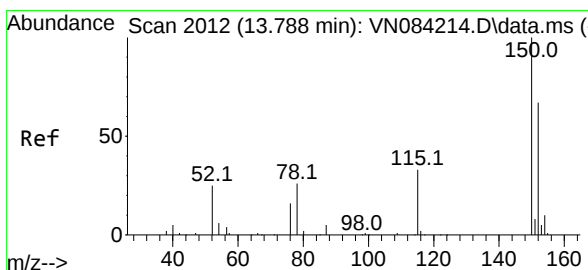
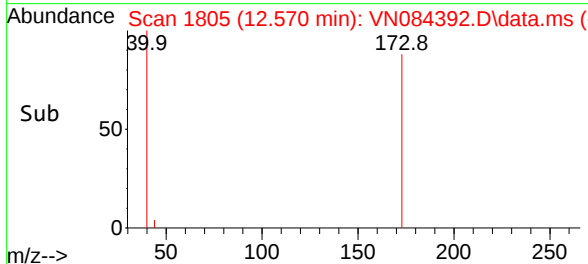
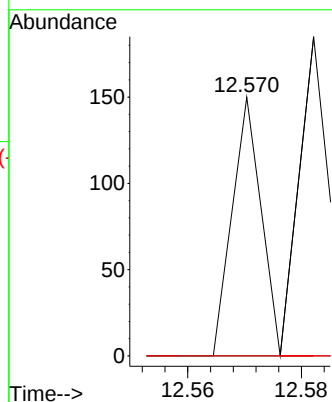


#71
Bromoform
Concen: 0.040 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

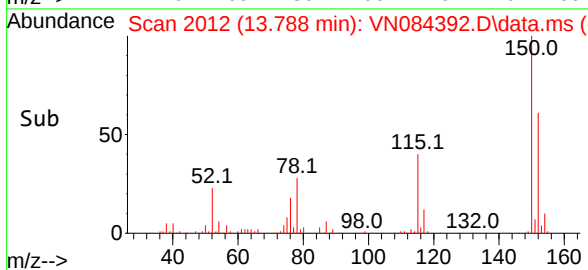
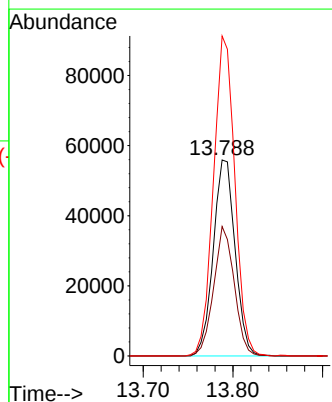
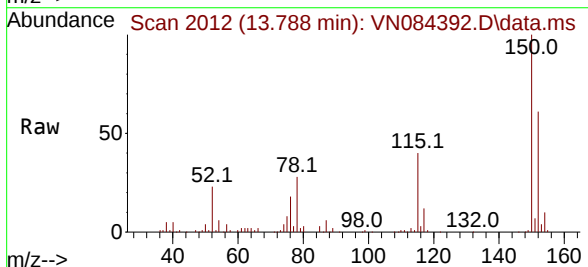


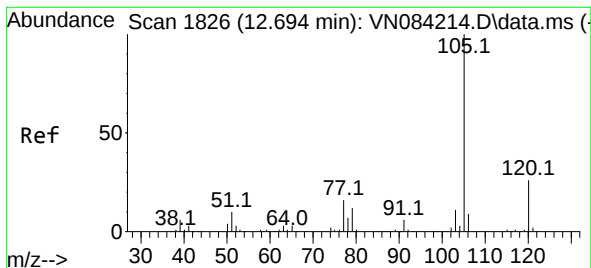
Tgt Ion:173 Resp: 53
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion:152 Resp: 94529
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 159.6 0.0 349.8





#73

Isopropylbenzene

Concen: 0.049 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

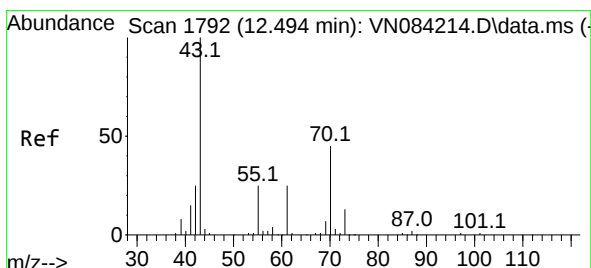
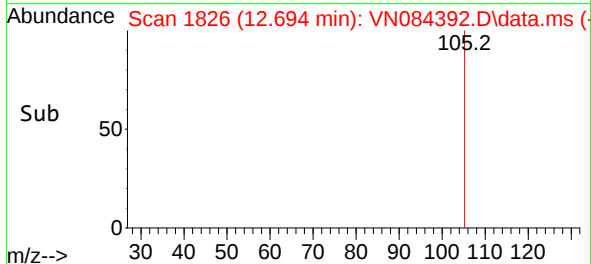
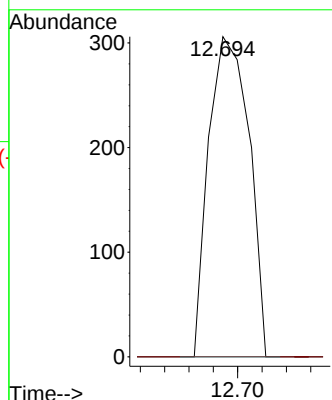
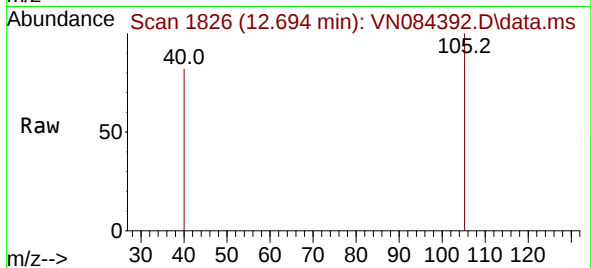
ClientSampleId :

Tgt Ion:105 Resp: 353

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#74

N-ethyl acetate

Concen: 0.052 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Tgt Ion: 43 Resp: 171

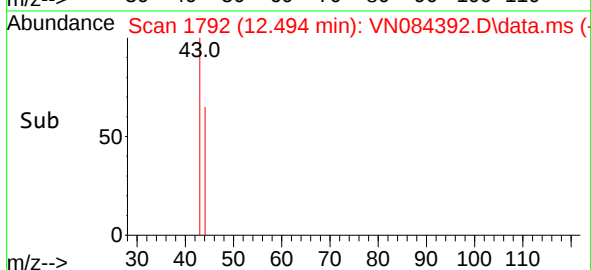
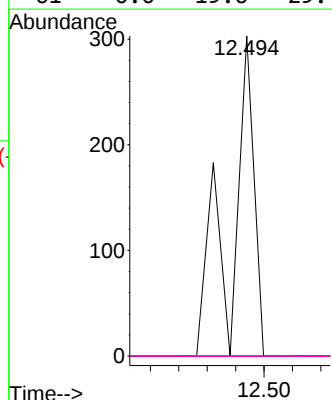
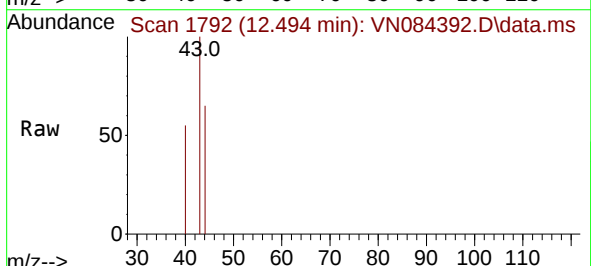
Ion Ratio Lower Upper

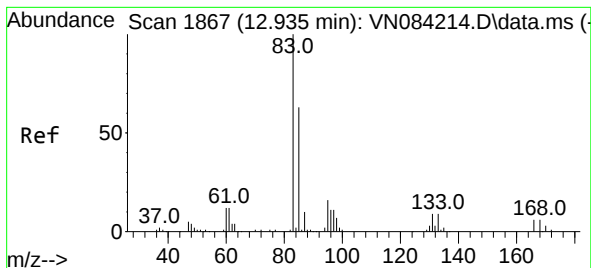
43 100

70 0.0 34.4 51.6#

55 0.0 19.6 29.4#

61 0.0 19.6 29.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.051 ug/l

RT: 12.935 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084392.D

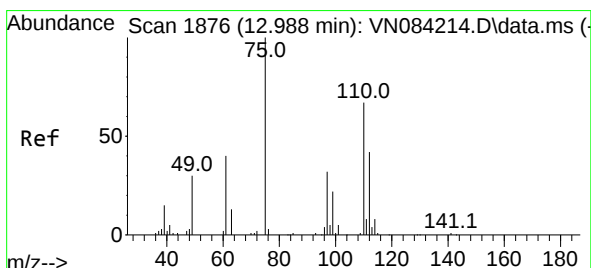
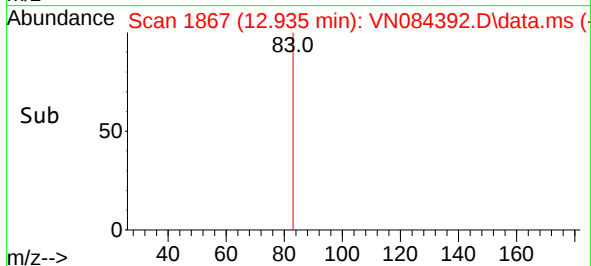
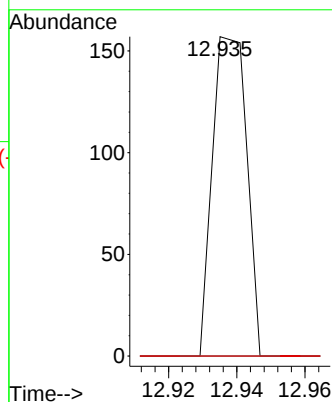
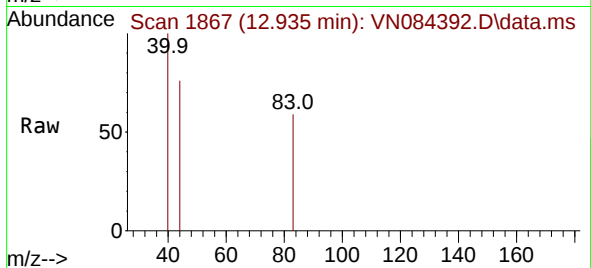
Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp:	110
Ion Ratio	Lower	Upper
83	100	
131	0.0	4.9 14.7#
85	0.0	31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 28.559 ug/l

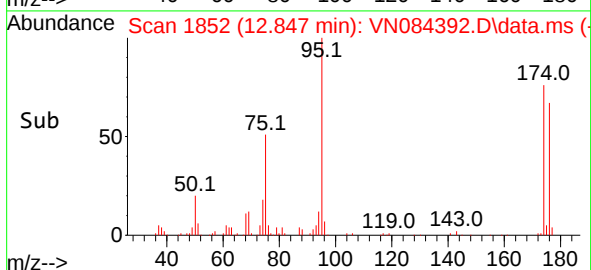
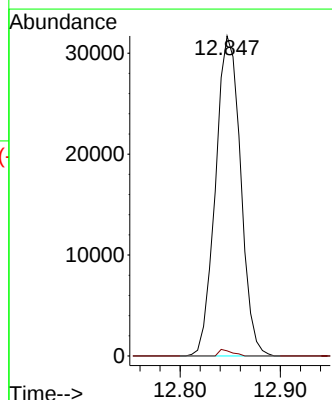
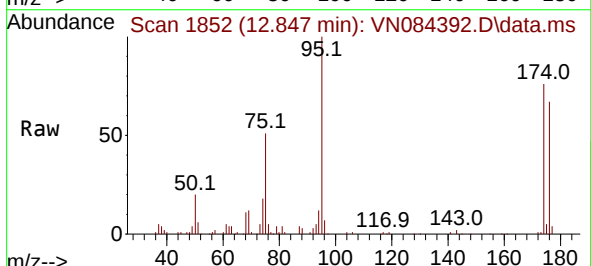
RT: 12.847 min Scan# 1852

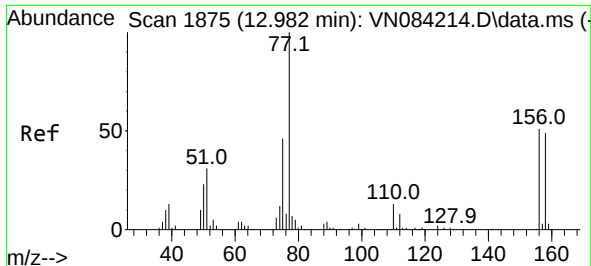
Delta R.T. -0.141 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

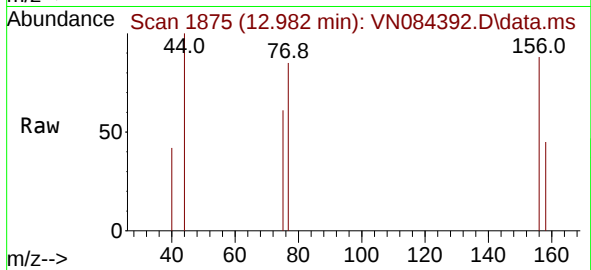
Tgt Ion: 75	Resp:	55115
Ion Ratio	Lower	Upper
75	100	
77	1.1	96.9 290.7#



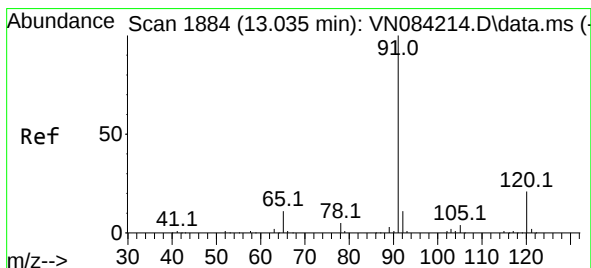
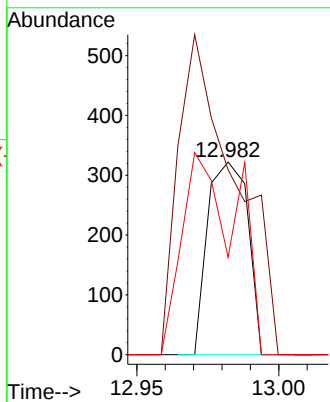
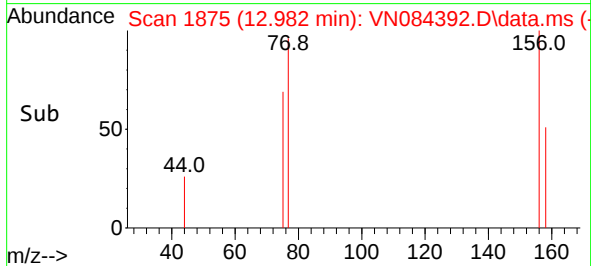


#77
Bromobenzene
Concen: 0.182 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

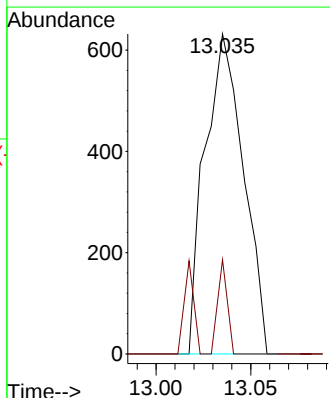
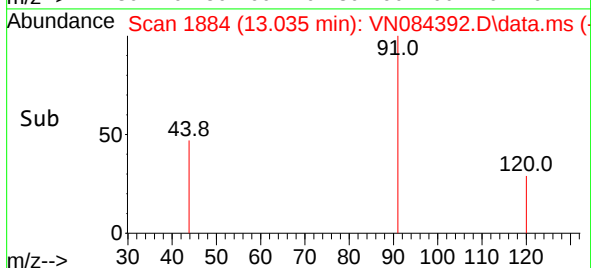
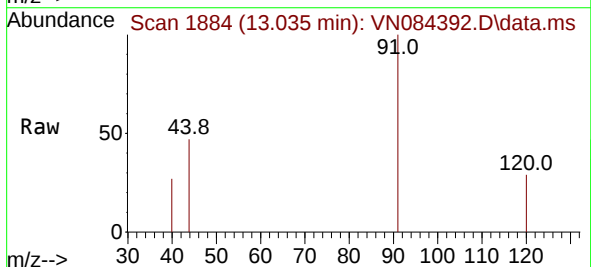


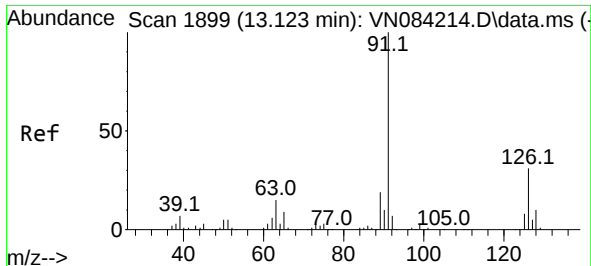
Tgt Ion:156 Resp: 316
Ion Ratio Lower Upper
156 100
77 236.1 115.1 345.3
158 141.8 48.9 146.8



#78
n-propylbenzene
Concen: 0.107 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 91 Resp: 893
Ion Ratio Lower Upper
91 100
120 7.4 10.8 32.4#





#79

2-Chlorotoluene

Concen: 0.179 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.100 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

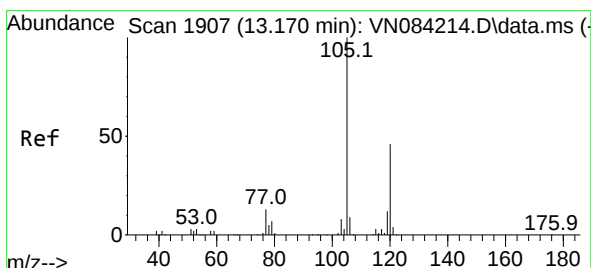
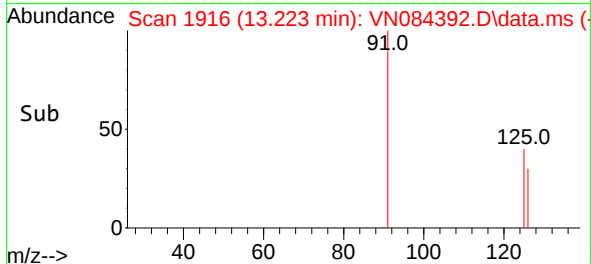
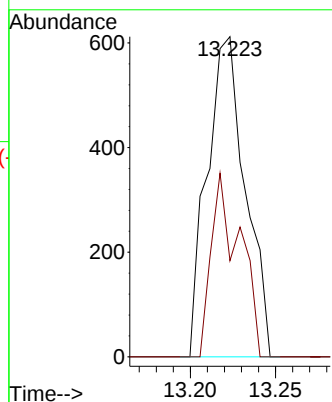
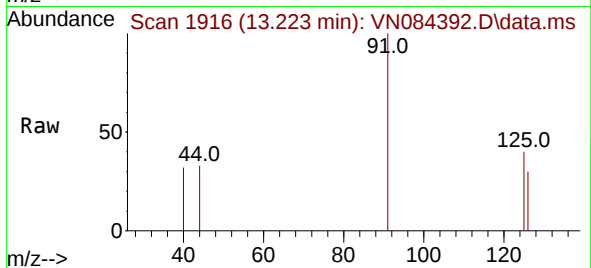
ClientSampleId :

Tgt Ion: 91 Resp: 957

Ion Ratio Lower Upper

91 100

126 42.7 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 0.116 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN084392.D

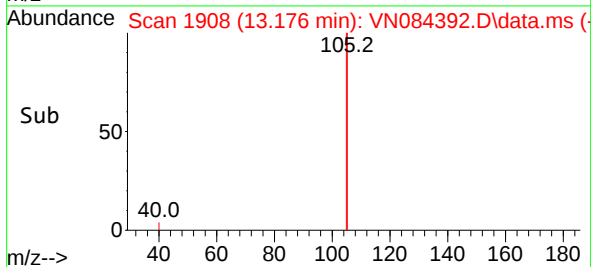
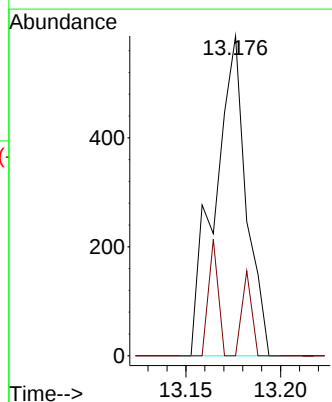
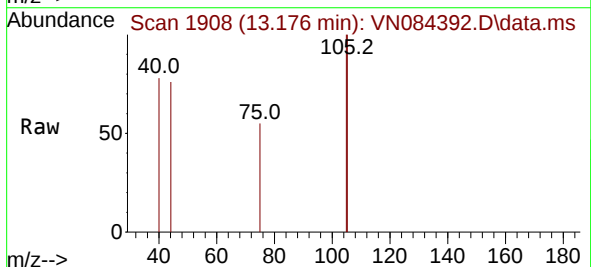
Acq: 11 Oct 2024 10:21

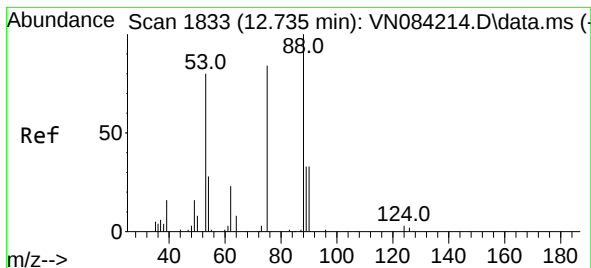
Tgt Ion:105 Resp: 681

Ion Ratio Lower Upper

105 100

120 8.1 23.7 71.1#

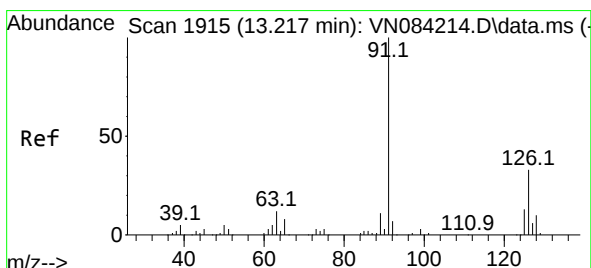
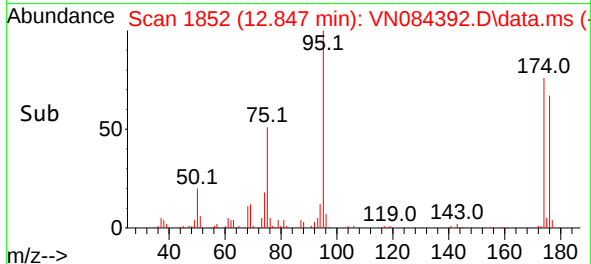
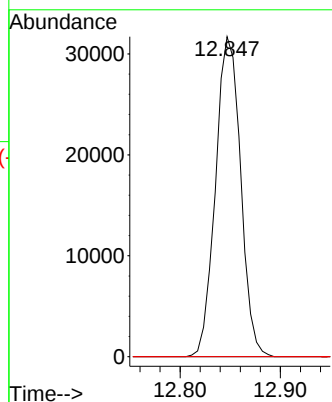
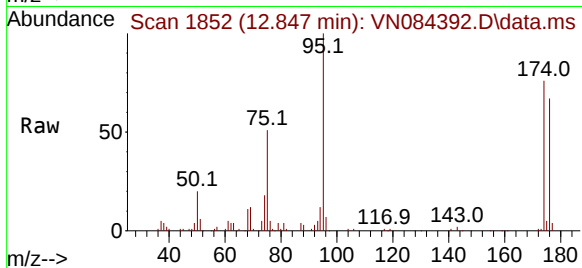




#81
trans-1,4-Dichloro-2-butene
Concen: 68.470 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

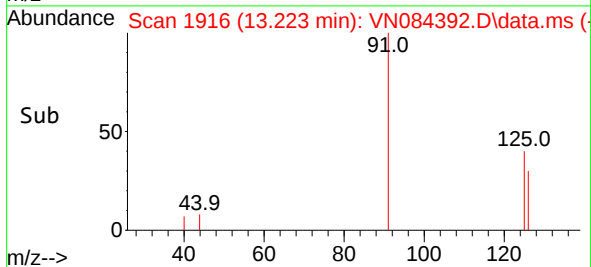
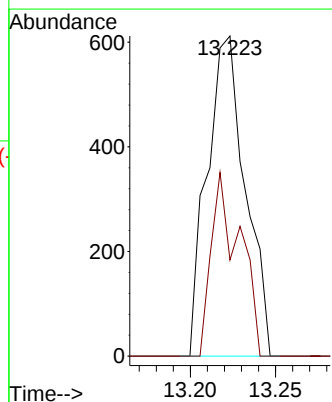
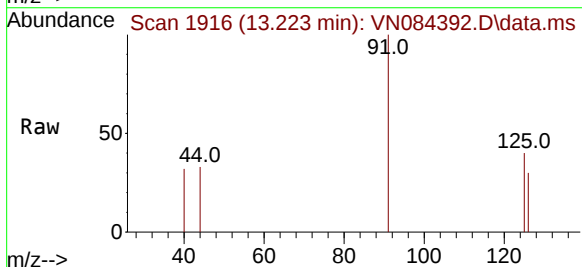
Instrument :
MSVOA_N
ClientSampleId :

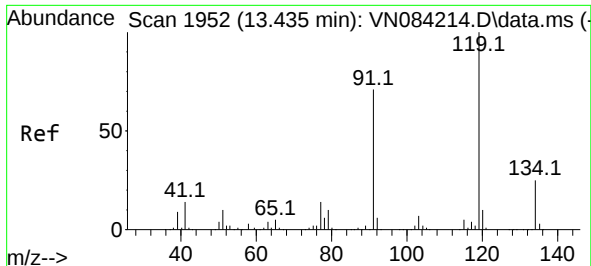
Tgt Ion: 75 Resp: 55115
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.178 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

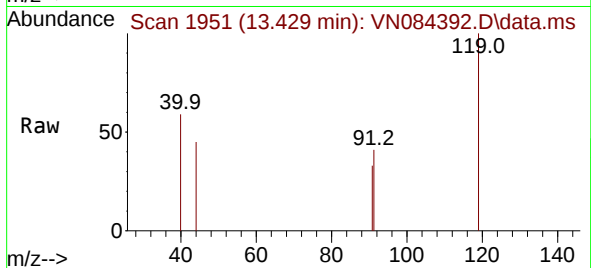
Tgt Ion: 91 Resp: 957
Ion Ratio Lower Upper
91 100
126 42.7 15.7 47.1



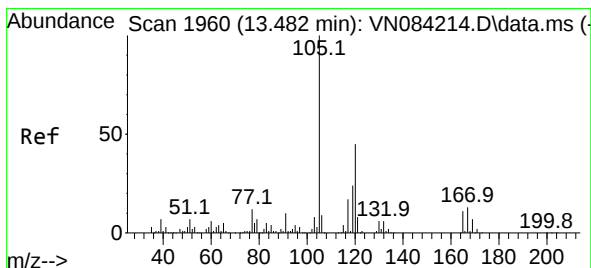
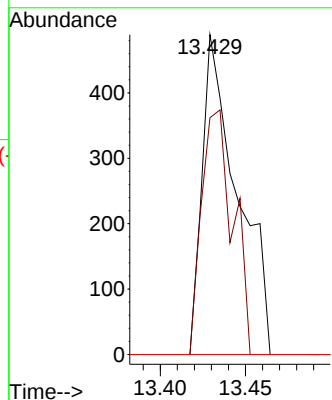
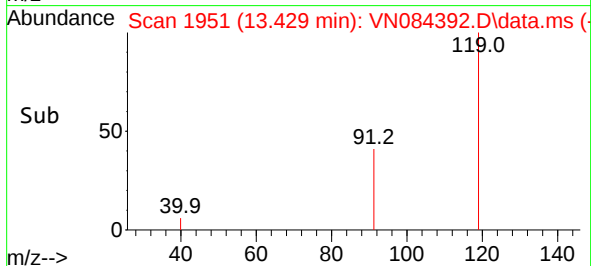


#83
tert-Butylbenzene
Concen: 0.135 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

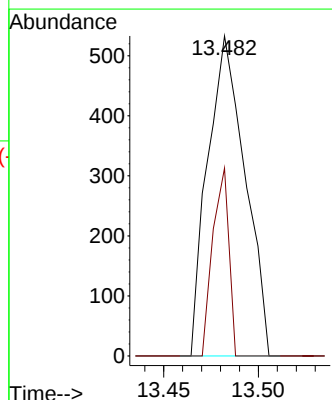
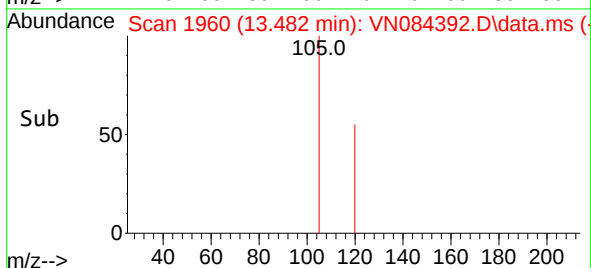
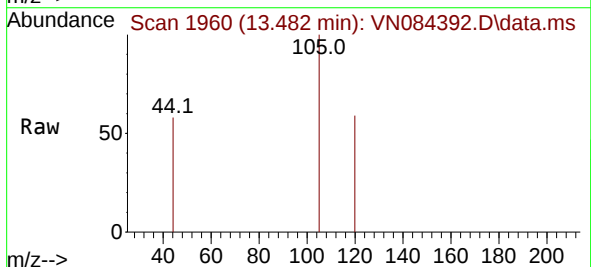


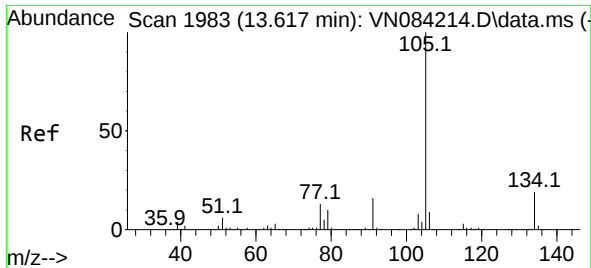
Tgt Ion:119 Resp: 705
Ion Ratio Lower Upper
119 100
91 67.9 34.1 102.3
134 0.0 12.8 38.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.123 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion:105 Resp: 731
Ion Ratio Lower Upper
105 100
120 25.3 22.3 66.8

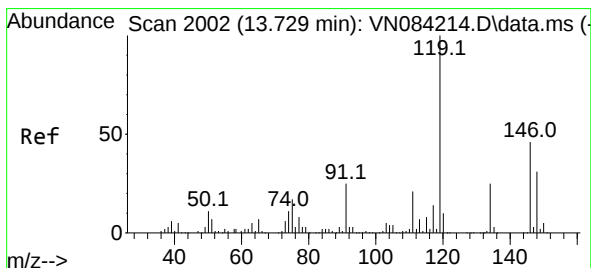
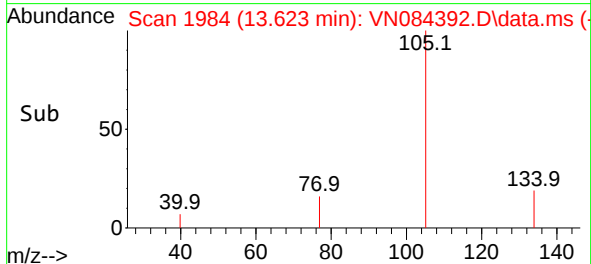
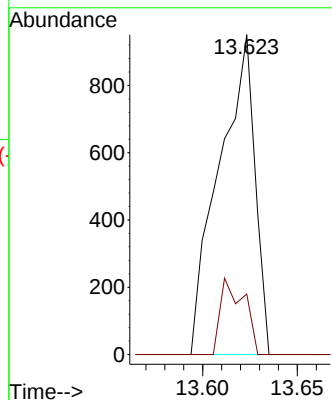
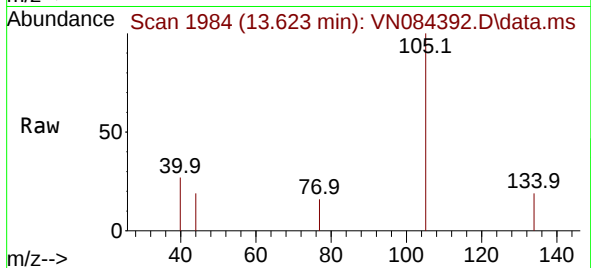




#85
 sec-Butylbenzene
 Concen: 0.179 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN084392.D
 Acq: 11 Oct 2024 10:21

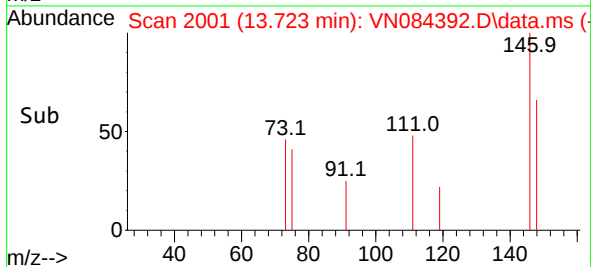
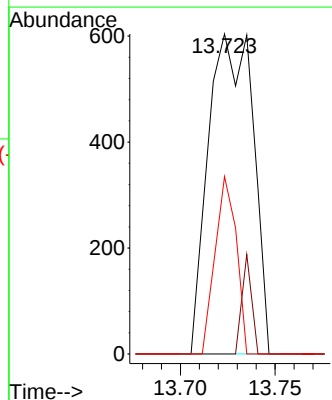
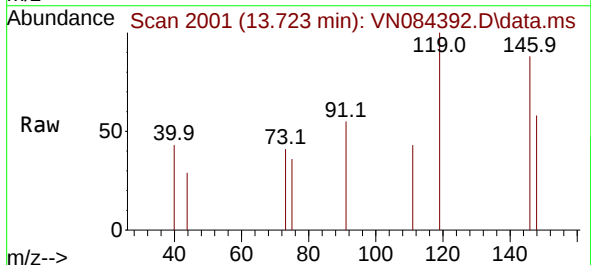
Instrument :
 MSVOA_N
 ClientSampleId :

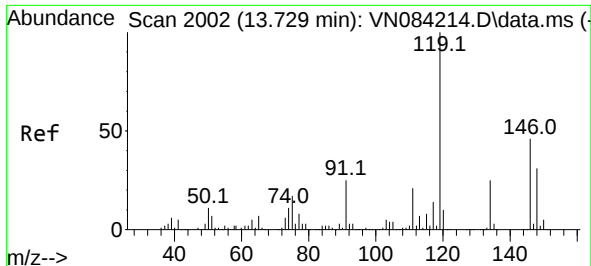
Tgt Ion:105 Resp: 1247
 Ion Ratio Lower Upper
 105 100
 134 15.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.171 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084392.D
 Acq: 11 Oct 2024 10:21

Tgt Ion:119 Resp: 988
 Ion Ratio Lower Upper
 119 100
 134 6.7 12.6 37.8#
 91 26.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.325 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

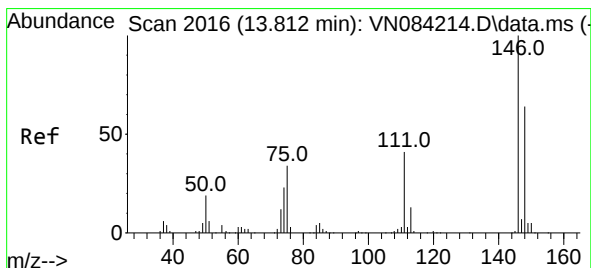
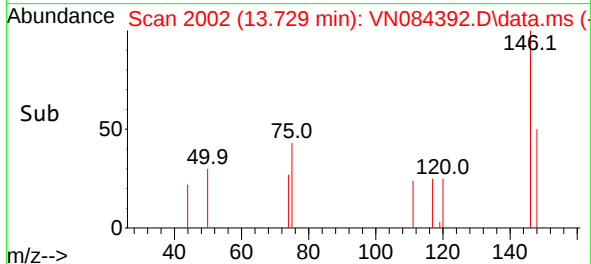
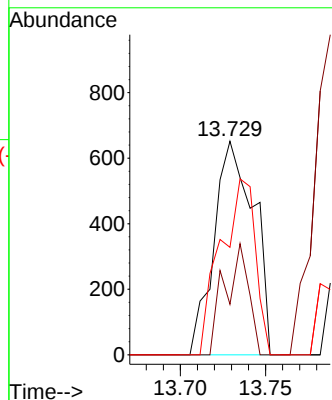
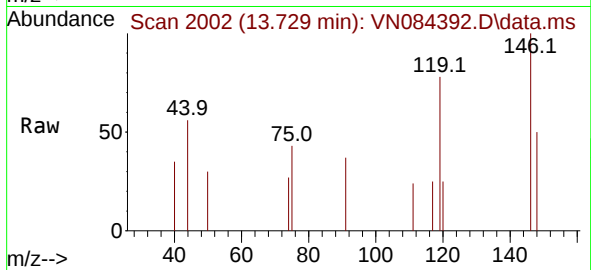
Tgt Ion:146 Resp: 1060

Ion Ratio Lower Upper

146 100

111 31.0 21.8 65.3

148 71.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.322 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.082 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

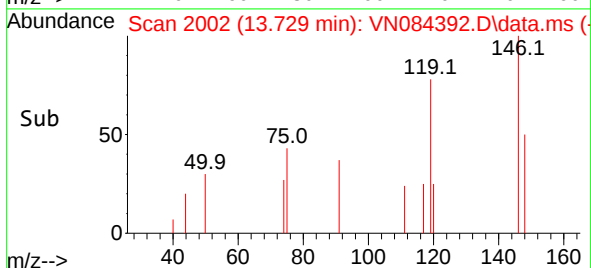
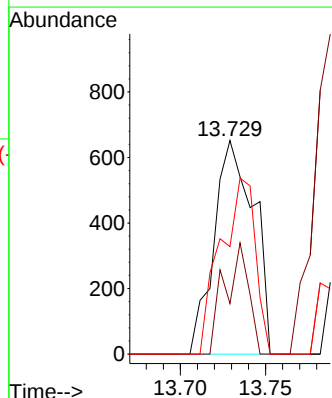
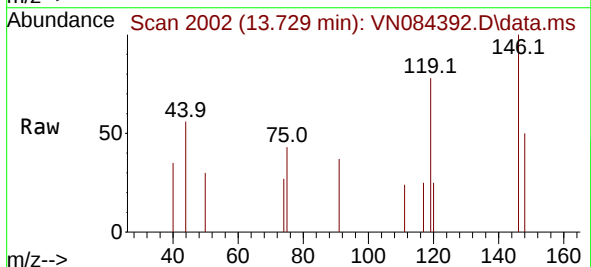
Tgt Ion:146 Resp: 1060

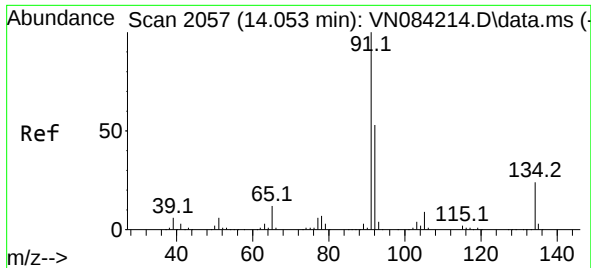
Ion Ratio Lower Upper

146 100

111 31.0 21.2 63.6

148 71.6 31.9 95.9

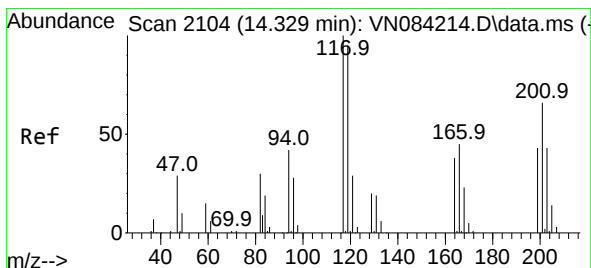
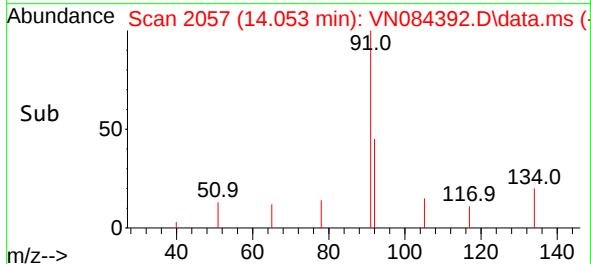
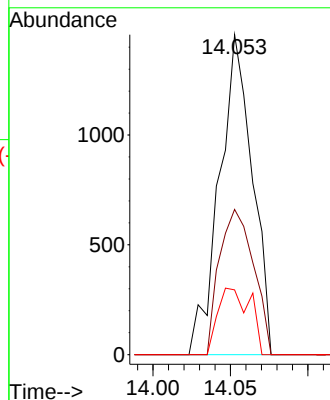
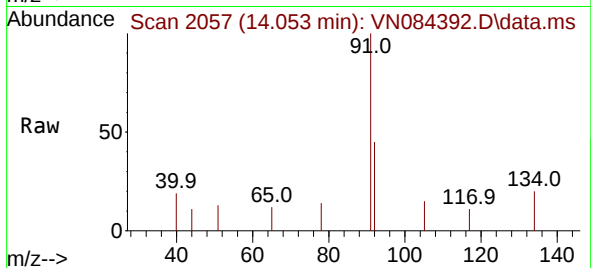




#89
n-Butylbenzene
Concen: 0.411 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

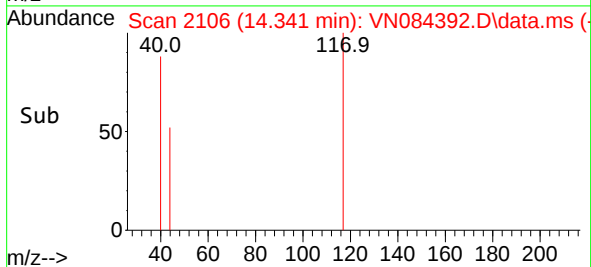
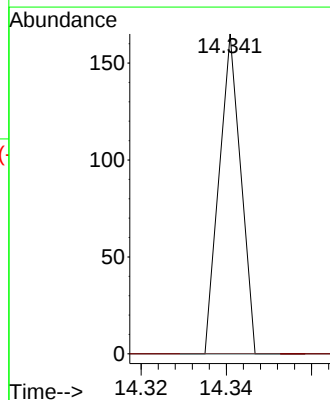
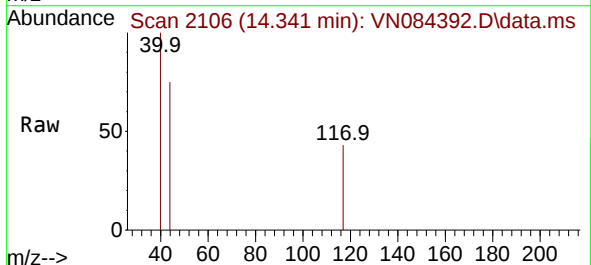
Instrument :
MSVOA_N
ClientSampleId :

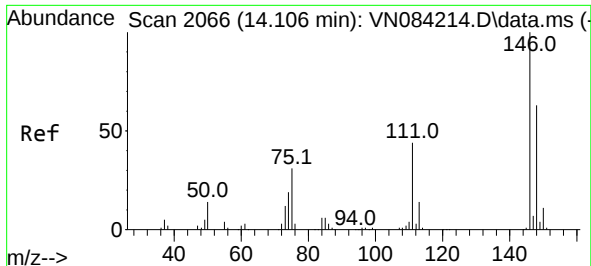
Tgt Ion: 91 Resp: 2149
Ion Ratio Lower Upper
91 100
92 47.1 26.6 79.7
134 20.4 12.3 36.9



#90
Hexachloroethane
Concen: 0.050 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.012 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion: 117 Resp: 58
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.2#





#91

1,2-Dichlorobenzene

Concen: 0.326 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

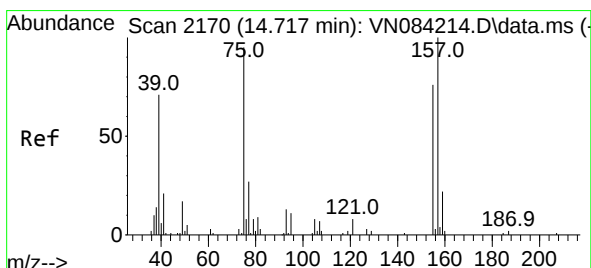
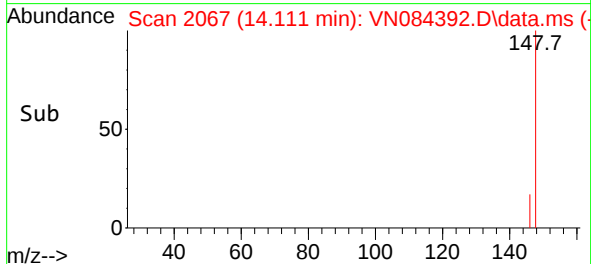
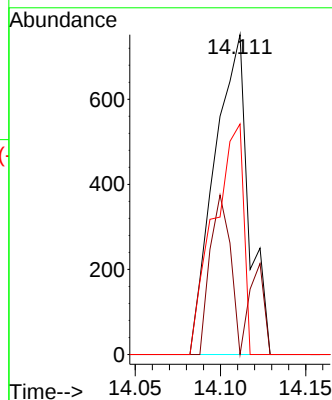
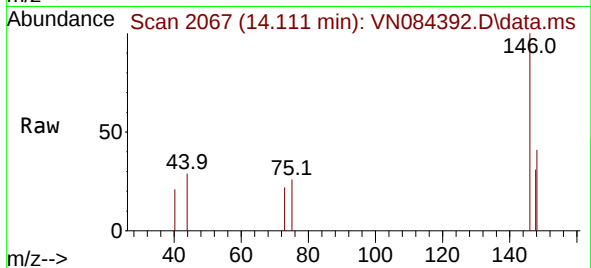
Tgt Ion:146 Resp: 1045

Ion Ratio Lower Upper

146 100

111 12.4 22.0 66.0#

148 62.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.141 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN084392.D

Acq: 11 Oct 2024 10:21

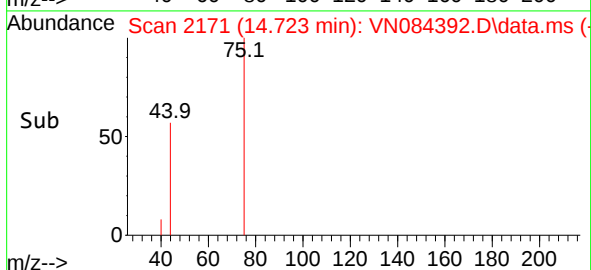
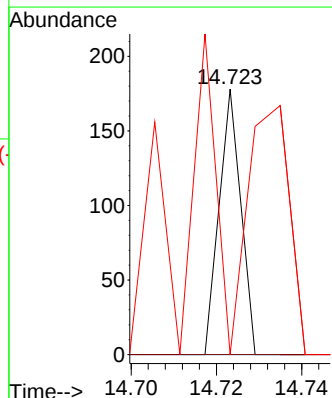
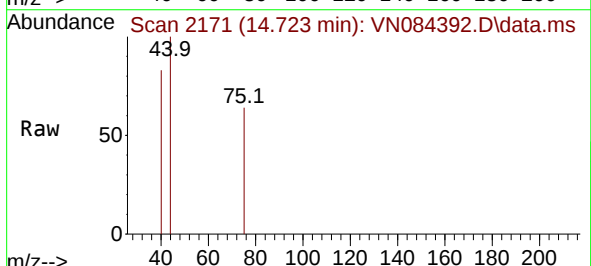
Tgt Ion: 75 Resp: 63

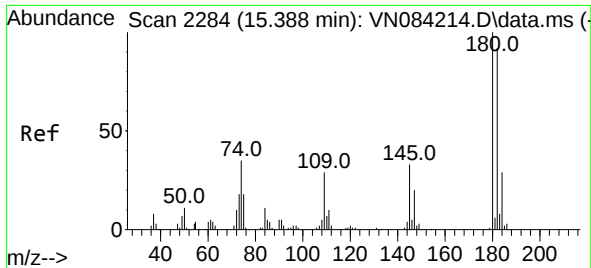
Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

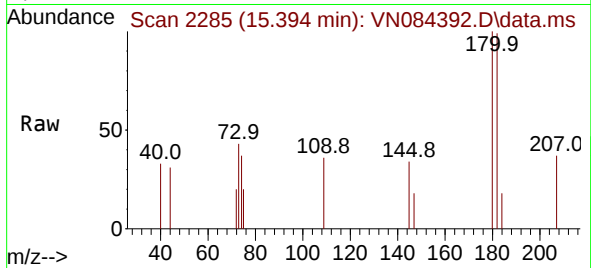
157 120.6 49.6 149.0



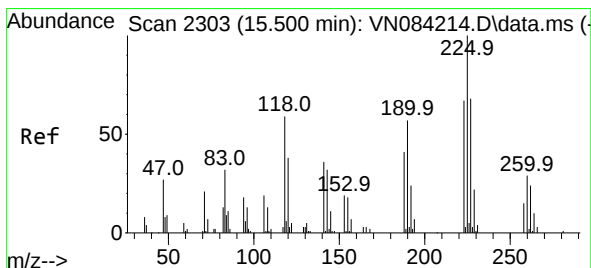
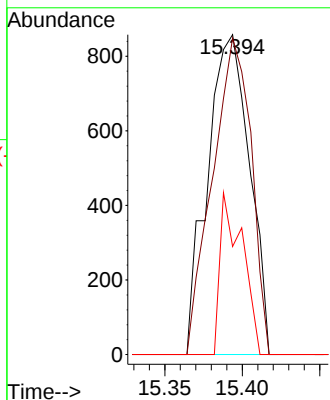
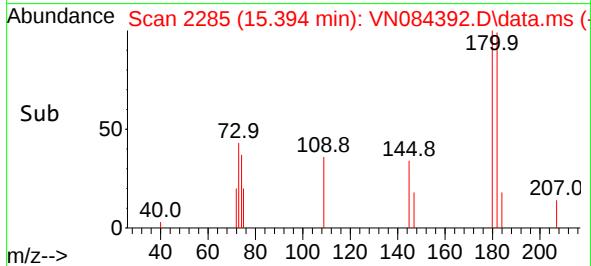


#93
1,2,4-Trichlorobenzene
Concen: 1.025 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

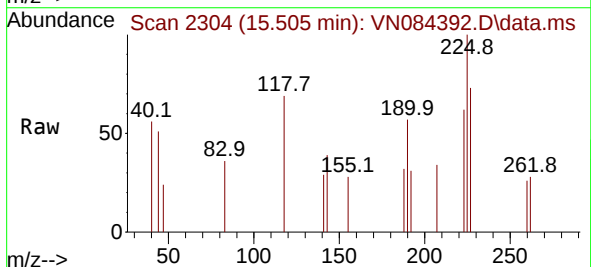
Instrument :
MSVOA_N
ClientSampleId :



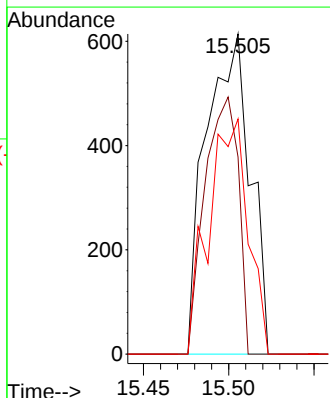
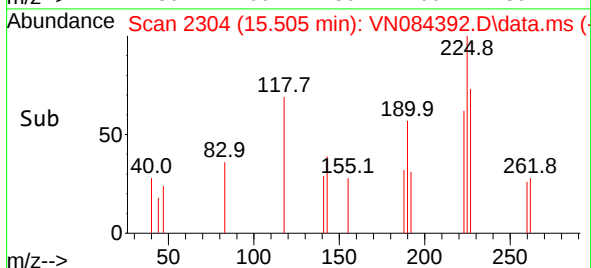
Tgt Ion:180 Resp: 1616
Ion Ratio Lower Upper
180 100
182 91.4 47.0 141.0
145 26.9 16.4 49.4

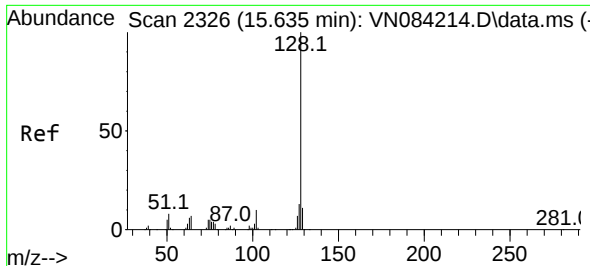


#94
Hexachlorobutadiene
Concen: 1.402 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21



Tgt Ion:225 Resp: 1102
Ion Ratio Lower Upper
225 100
223 61.2 32.4 97.2
227 66.2 32.4 97.0

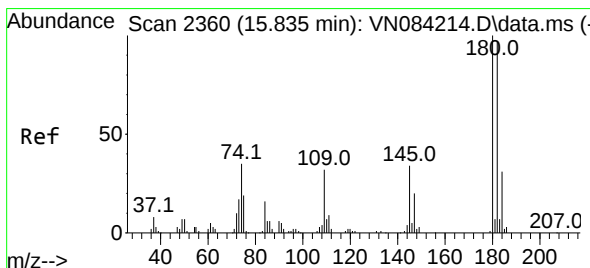
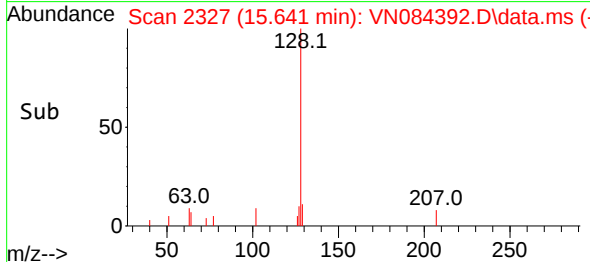
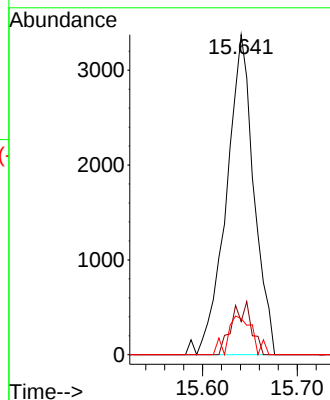
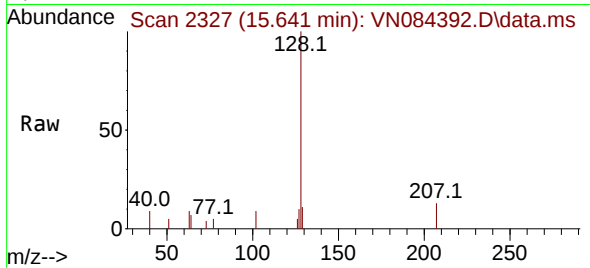




#95
Naphthalene
Concen: 1.303 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6811
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.346 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN084392.D
Acq: 11 Oct 2024 10:21

Tgt Ion:180 Resp: 2124
Ion Ratio Lower Upper
180 100
182 94.0 48.2 144.6
145 27.5 17.3 51.9

