

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074475.D
 Acq On : 15 Sep 2022 20:48
 Operator : JC\MD
 Sample : N4555-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 257248-4

Quant Time: Sep 16 01:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

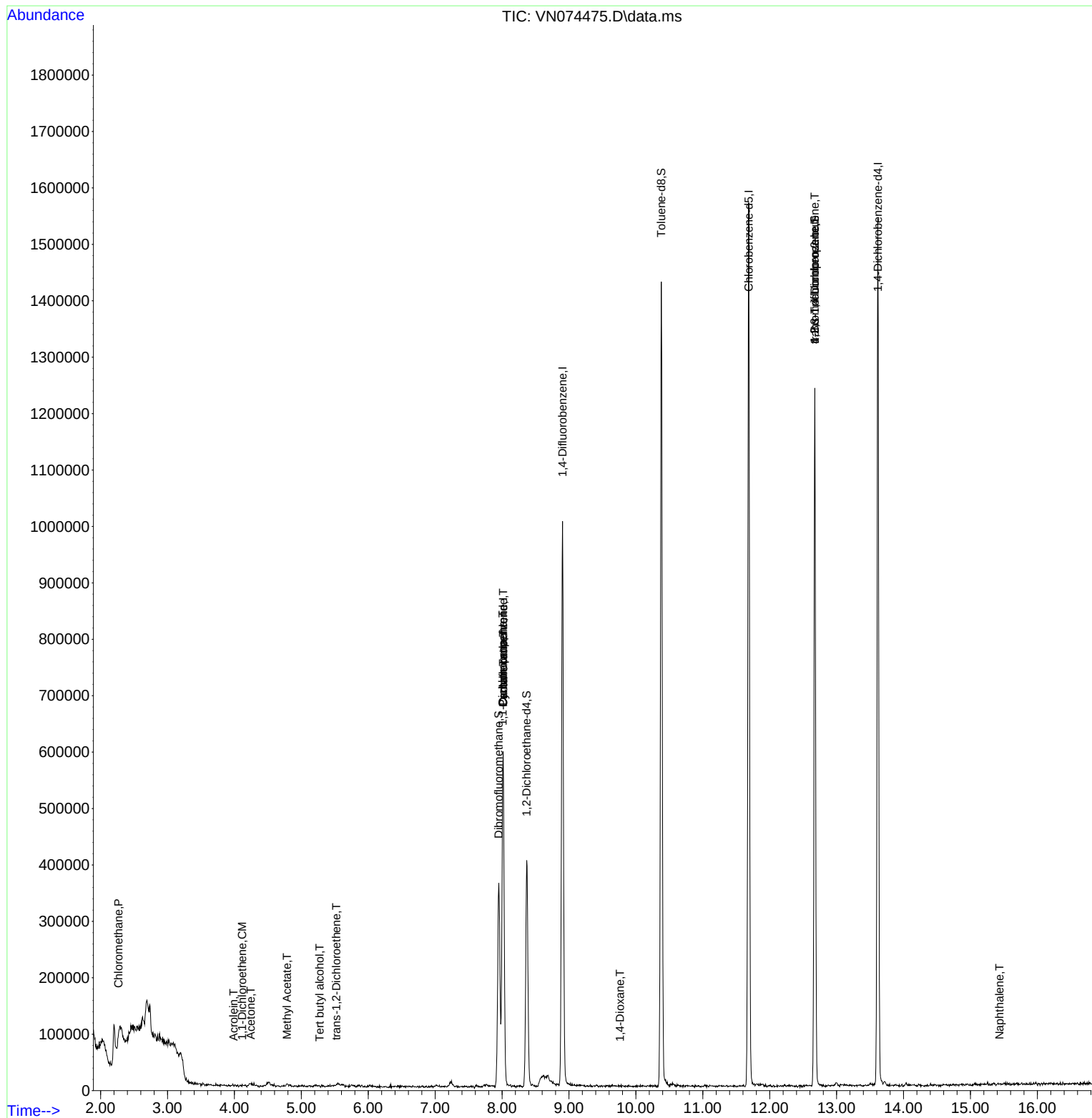
Internal Standards						
1) Pentafluorobenzene	8.016	168	417042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	826066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	799435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	359808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	304919	43.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.180%
35) Dibromofluoromethane	7.951	113	258122	47.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	10.380	98	923440	43.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.020%
62) 4-Bromofluorobenzene	12.674	95	388143	53.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	2092	0.531	ug/l #	65
11) Tert butyl alcohol	5.275	59	491	0.213	ug/l #	80
12) 1,1-Dichloroethene	4.116	96	202	0.721	ug/l #	1
13) Acrolein	3.987	56	362	0.430	ug/l #	1
16) Acetone	4.246	43	6551	1.447	ug/l	95
18) Methyl Acetate	4.787	43	7505	0.534	ug/l #	76
21) trans-1,2-Dichloroethene	5.522	96	768	0.555	ug/l #	21
28) Bromochloromethane	7.387	49	75	Below Cal	#	8
31) Cyclohexane	8.016	56	12358	0.984	ug/l #	41
36) 1,1-Dichloropropene	8.010	75	41563	4.279	ug/l #	49
38) Carbon Tetrachloride	8.016	117	45520	5.076	ug/l #	15
49) 1,4-Dioxane	9.763	88	185	0.924	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	222267	20.069	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	222267	43.315	ug/l #	11
95) Naphthalene	15.433	128	1063	1.622	ug/l #	77

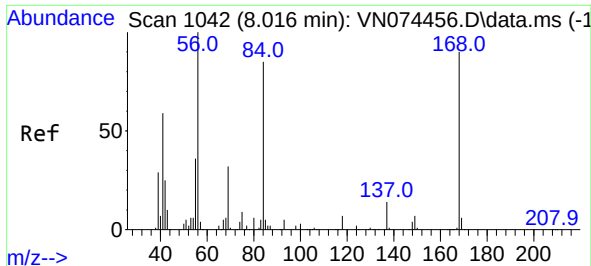
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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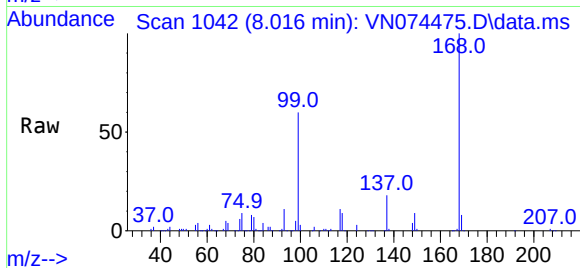
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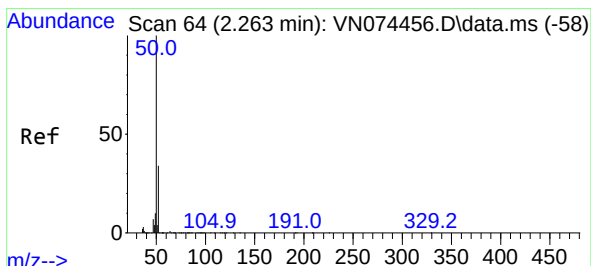
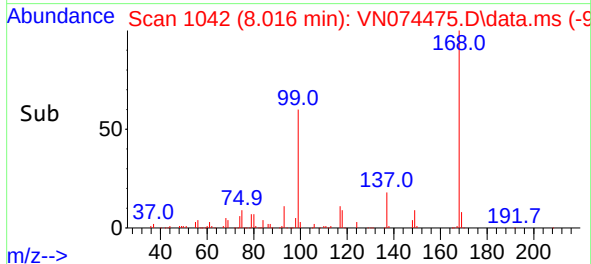
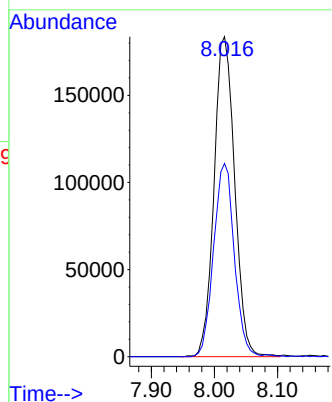


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Instrument :
MSVOA_N
ClientSampleId :
257248-4

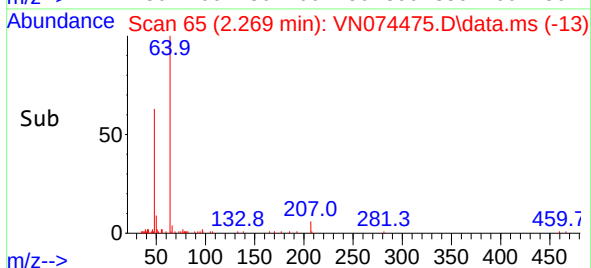
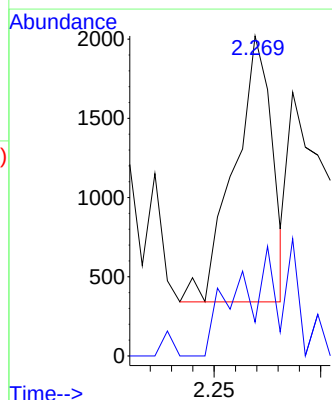
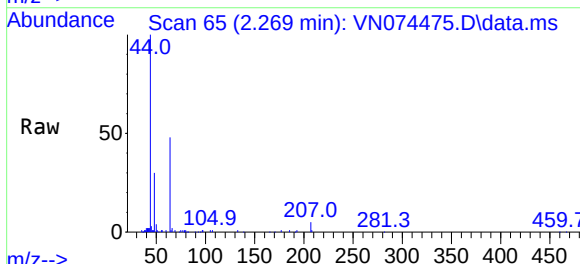


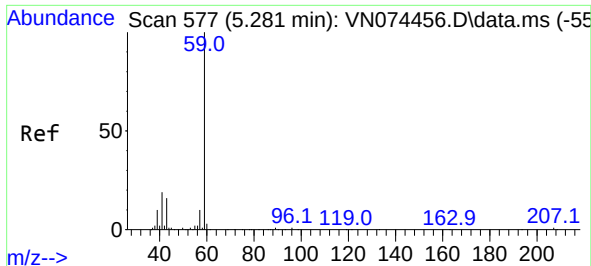
Tgt Ion:168 Resp: 417042
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#3
Chloromethane
Concen: 0.531 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion: 50 Resp: 2092
Ion Ratio Lower Upper
50 100
52 12.7 25.7 38.5#

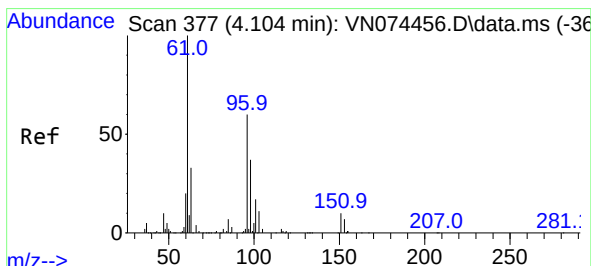
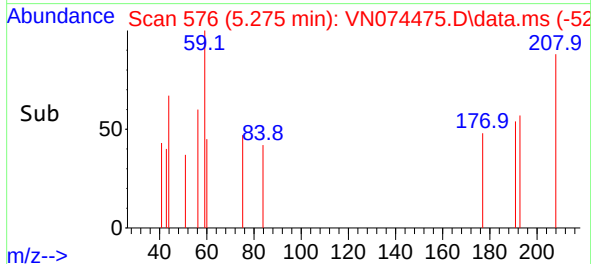
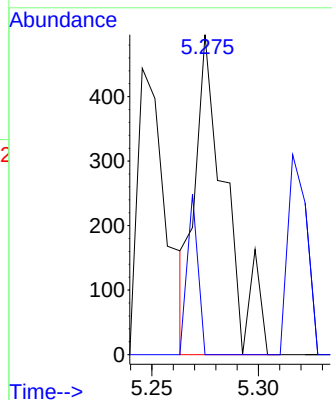
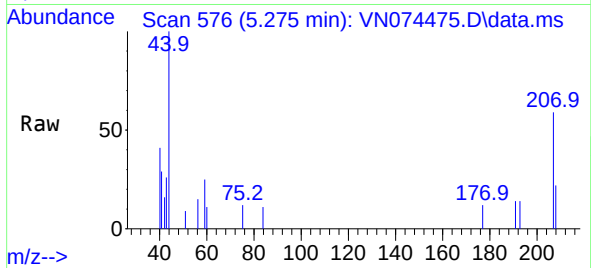




#11
Tert butyl alcohol
Concen: 0.213 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

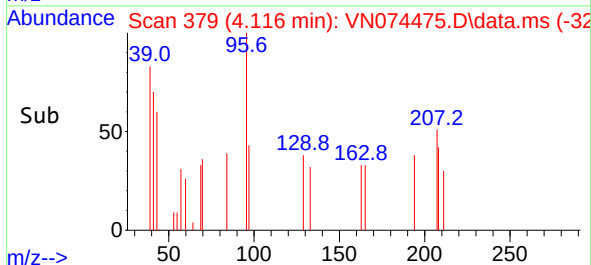
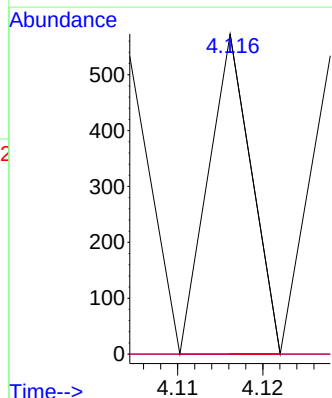
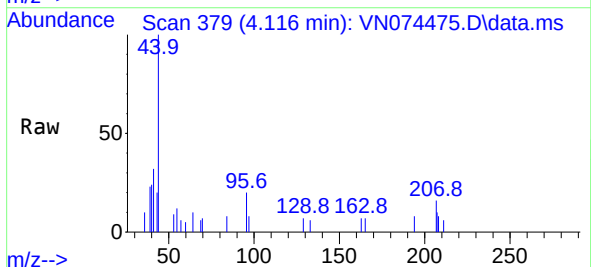
Instrument :
MSVOA_N
ClientSampleId :
257248-4

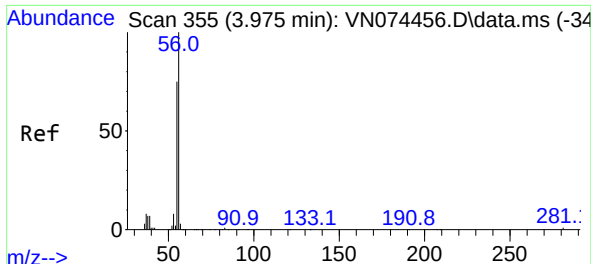
Tgt Ion: 59 Resp: 491
Ion Ratio Lower Upper
59 100
57 17.9 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.721 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion: 96 Resp: 202
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

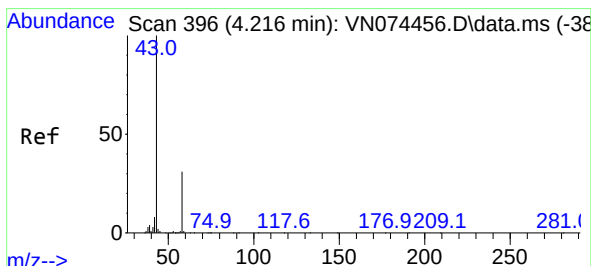
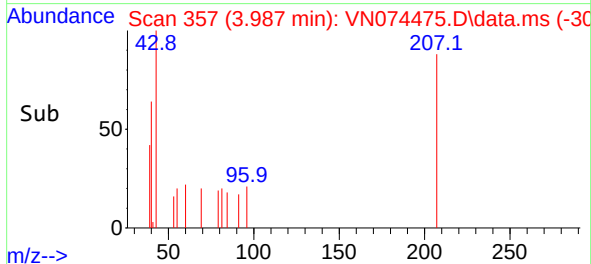
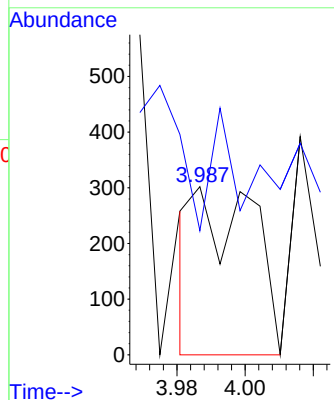
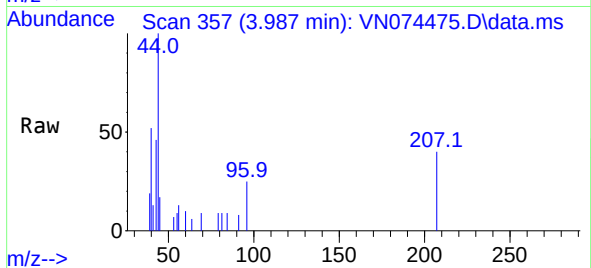




#13
Acrolein
Concen: 0.430 ug/l
RT: 3.987 min Scan# 311
Delta R.T. 0.012 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

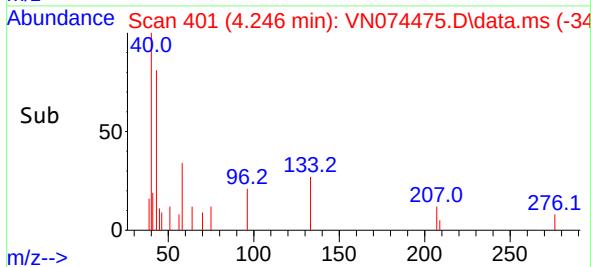
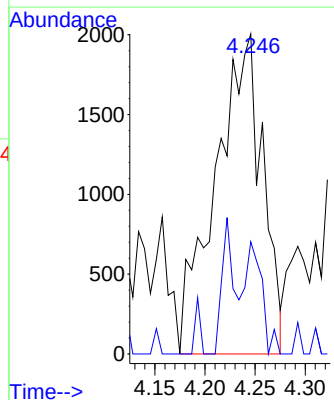
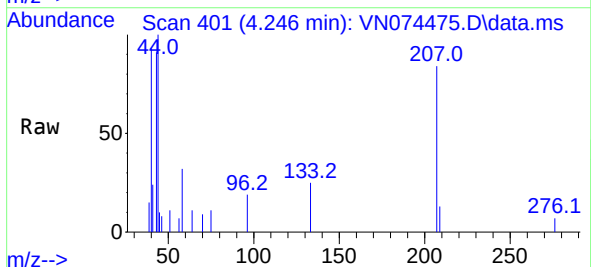
Instrument :
MSVOA_N
ClientSampleId :
257248-4

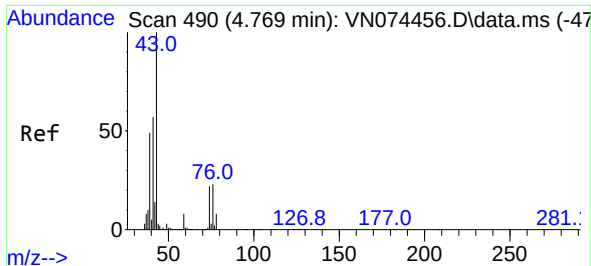
Tgt Ion: 56 Resp: 362
Ion Ratio Lower Upper
56 100
55 261.6 54.8 82.2#



#16
Acetone
Concen: 1.447 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.030 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion: 43 Resp: 6551
Ion Ratio Lower Upper
43 100
58 35.1 26.0 39.0

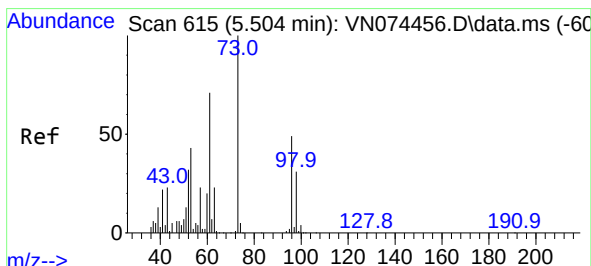
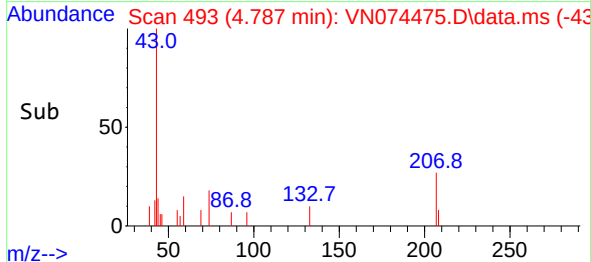
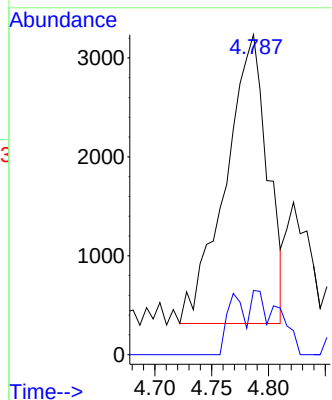
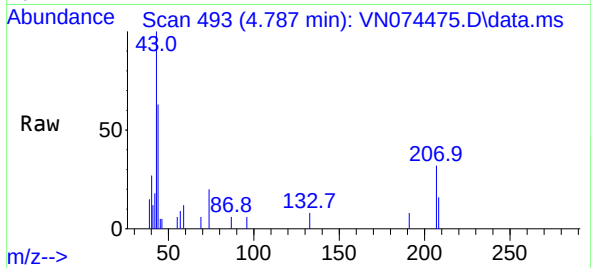




#18
Methyl Acetate
Concen: 0.534 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

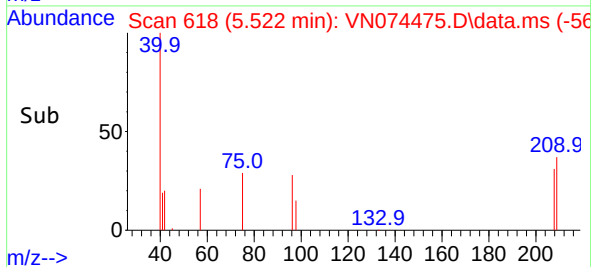
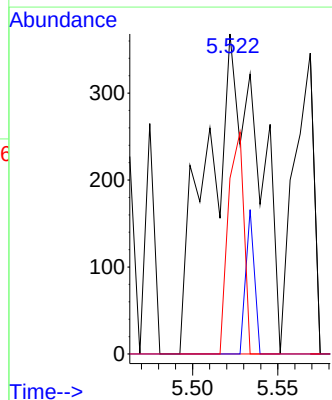
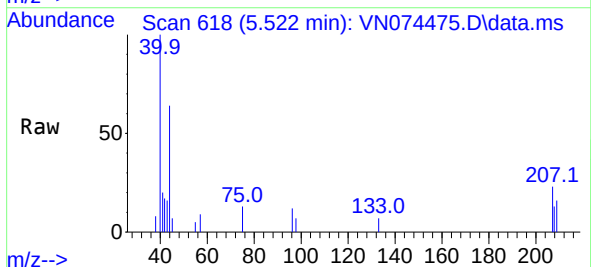
Instrument :
MSVOA_N
ClientSampleId :
257248-4

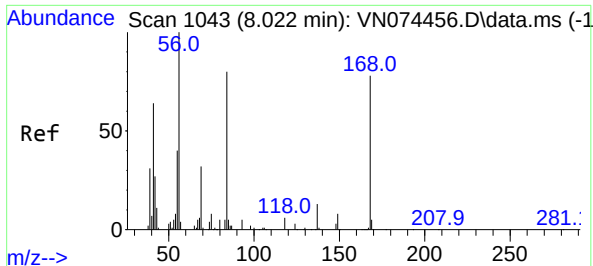
Tgt Ion: 43 Resp: 7505
Ion Ratio Lower Upper
43 100
74 14.6 21.6 32.4#



#21
trans-1,2-Dichloroethene
Concen: 0.555 ug/l
RT: 5.522 min Scan# 618
Delta R.T. 0.018 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion: 96 Resp: 768
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 54.9 50.3 75.5





#31

Cyclohexane

Concen: 0.984 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074475.D

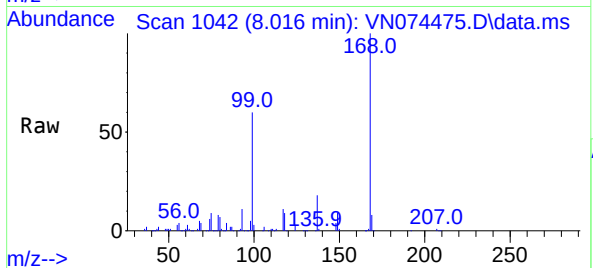
Acq: 15 Sep 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

257248-4



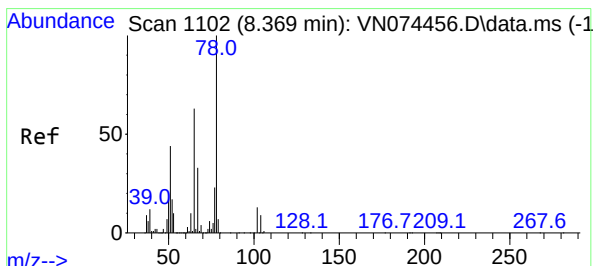
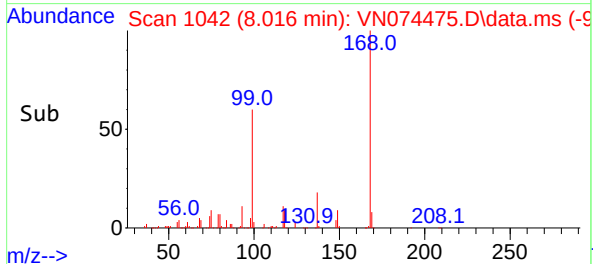
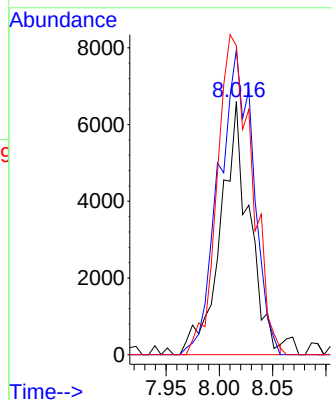
Tgt Ion: 56 Resp: 12358

Ion Ratio Lower Upper

56 100

69 120.5 27.8 41.8#

84 122.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.091 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074475.D

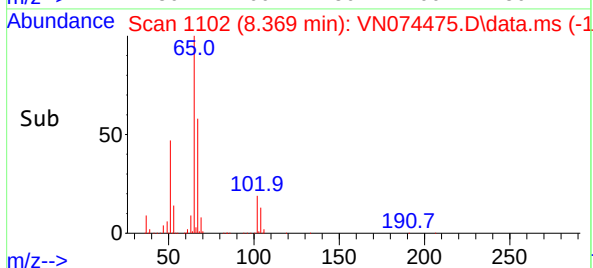
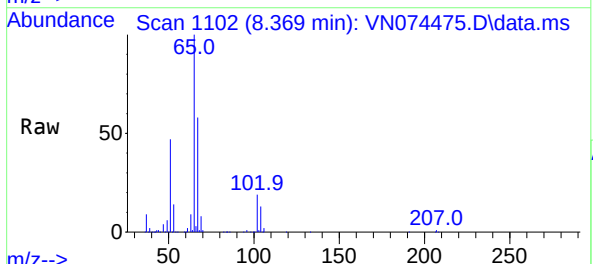
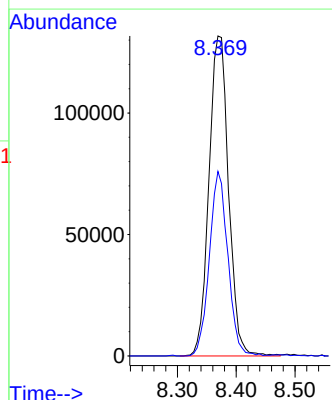
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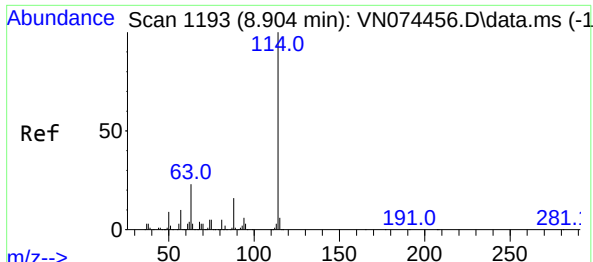
Tgt Ion: 65 Resp: 304919

Ion Ratio Lower Upper

65 100

67 54.5 0.0 104.8

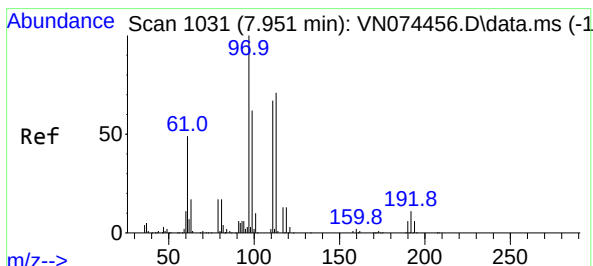
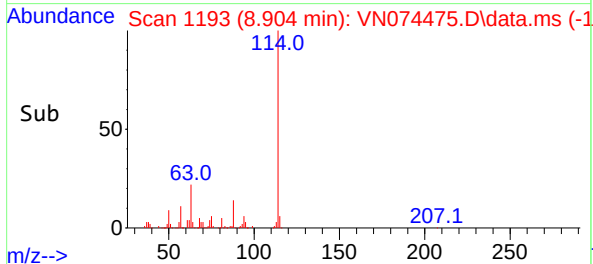
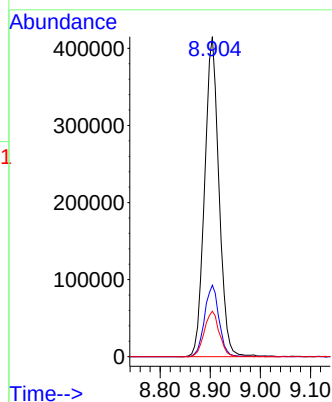
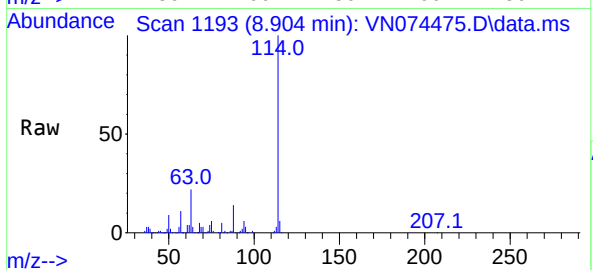




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

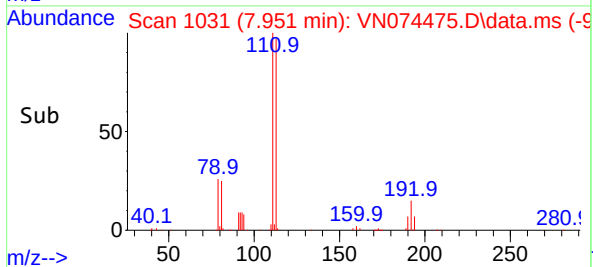
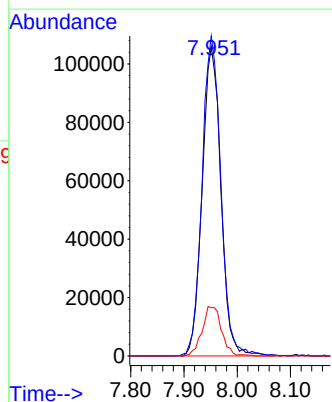
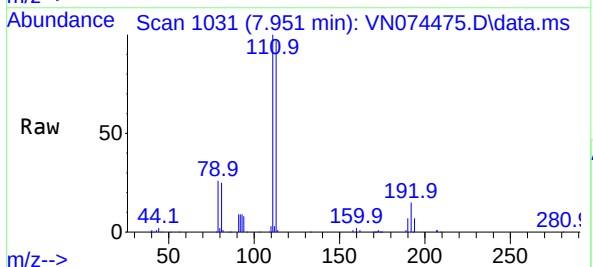
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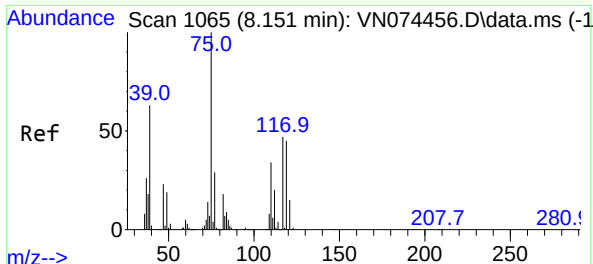
Tgt Ion:114 Resp: 826066
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 14.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.039 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion:113 Resp: 258122
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 16.6 17.0 25.6#

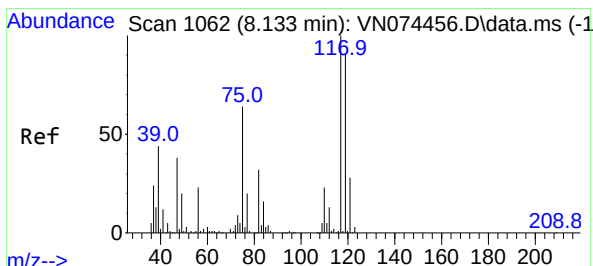
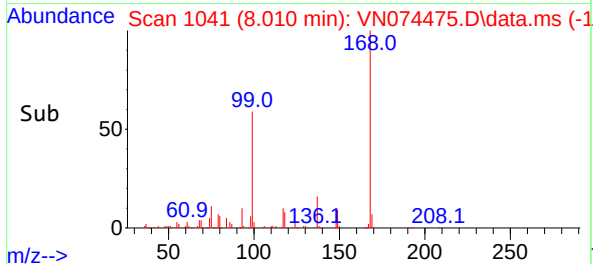
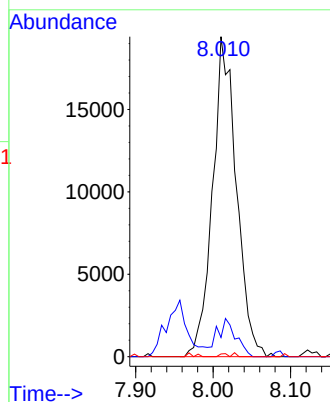
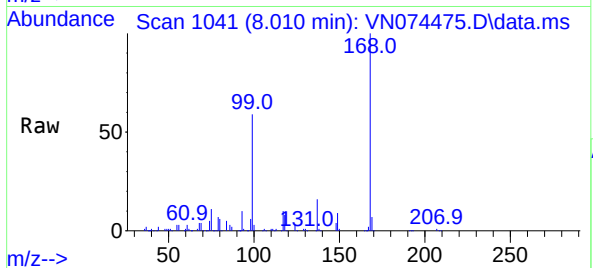




#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

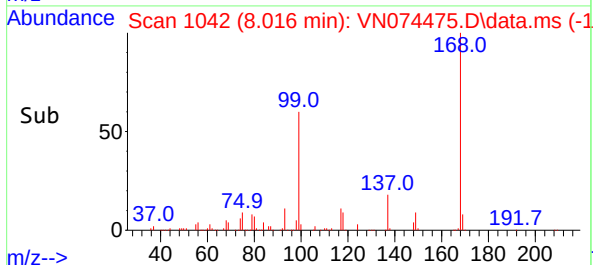
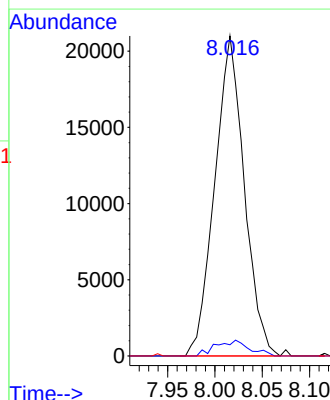
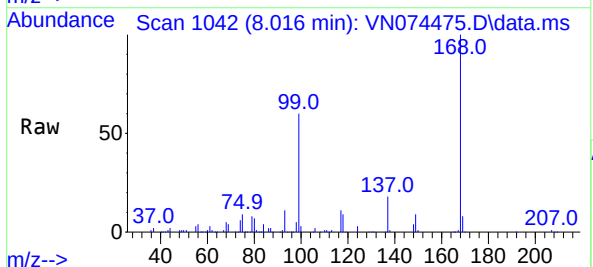
Instrument :
MSVOA_N
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257248-4

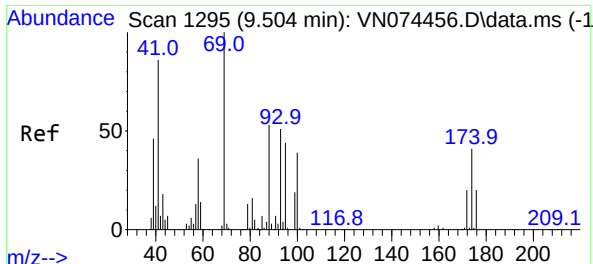
Tgt Ion: 75 Resp: 41563
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.3 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.076 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion: 117 Resp: 45520
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.8#
121 0.0 24.6 37.0#

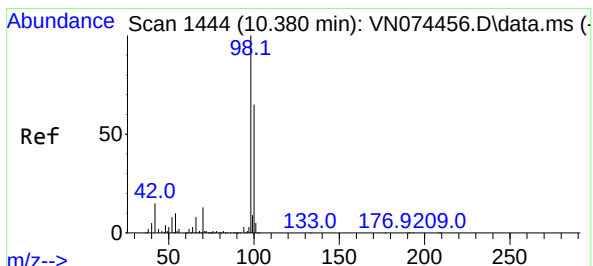
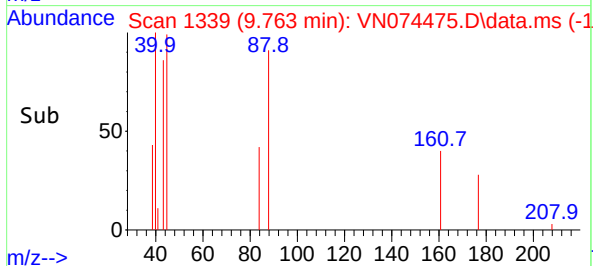
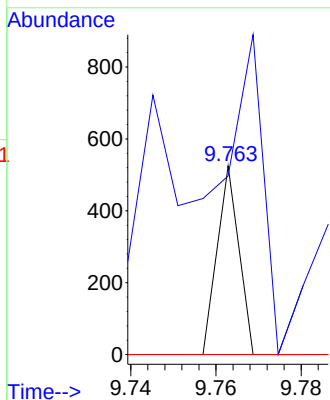
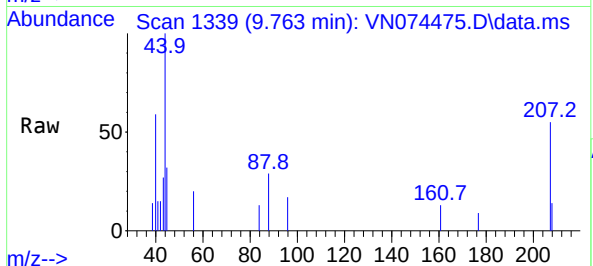




#49
1,4-Dioxane
Concen: 0.924 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

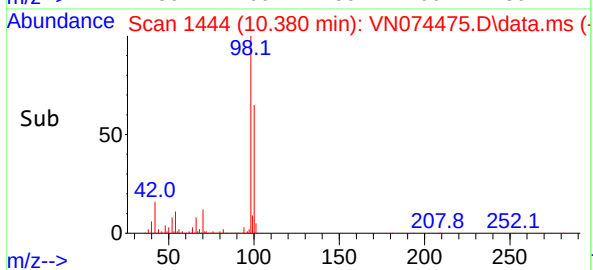
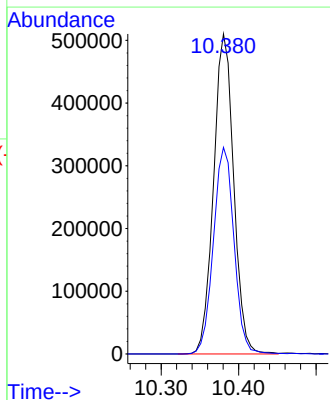
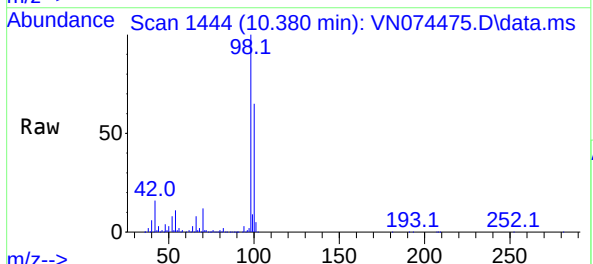
Instrument :
MSVOA_N
ClientSampleId :
257248-4

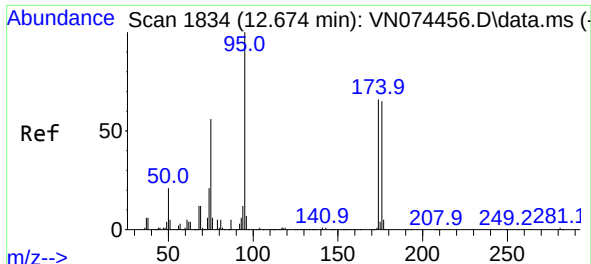
Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 264.9 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 43.514 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion: 98 Resp: 923440
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

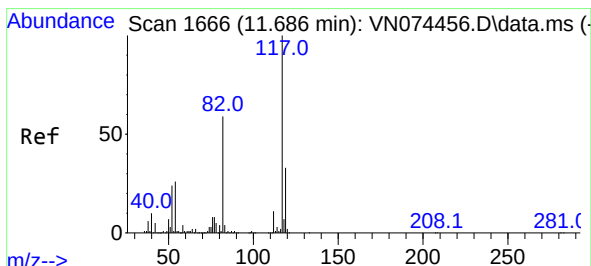
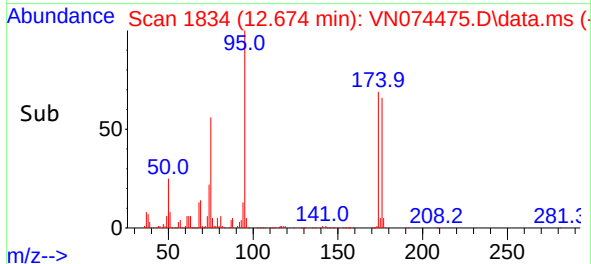
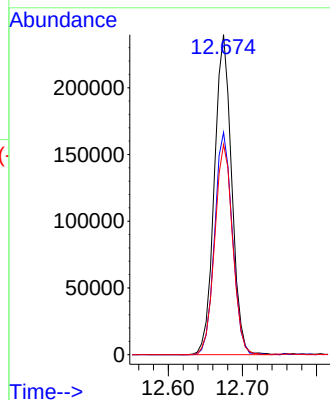
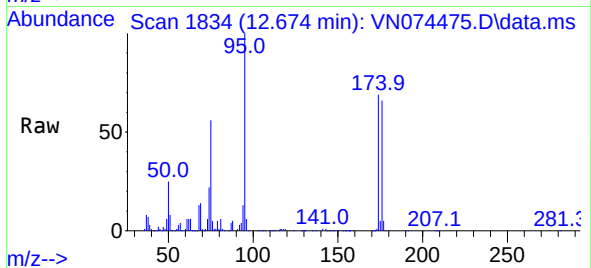




#62
4-Bromofluorobenzene
Concen: 53.401 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

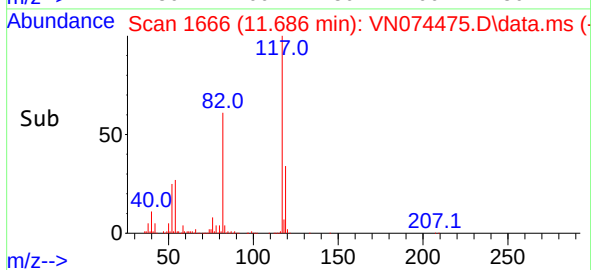
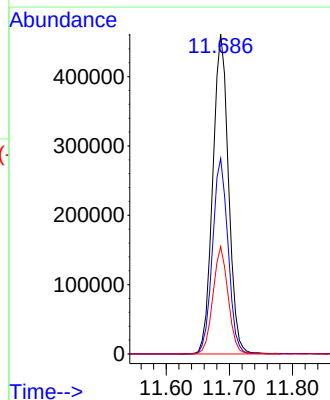
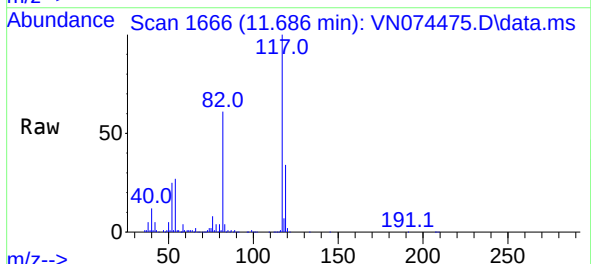
Instrument :
MSVOA_N
ClientSampleId :
257248-4

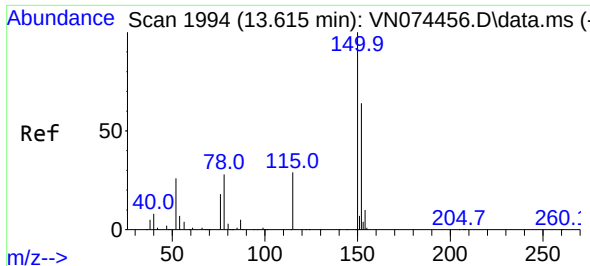
Tgt Ion: 95 Resp: 388143
Ion Ratio Lower Upper
95 100
174 70.9 0.0 167.6
176 68.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion: 117 Resp: 799435
Ion Ratio Lower Upper
117 100
82 61.1 44.2 66.2
119 33.6 25.4 38.0

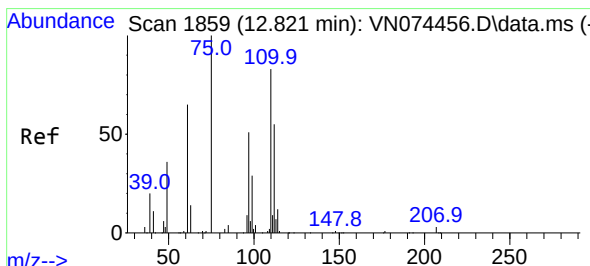
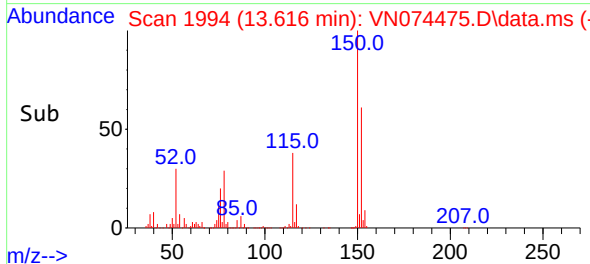
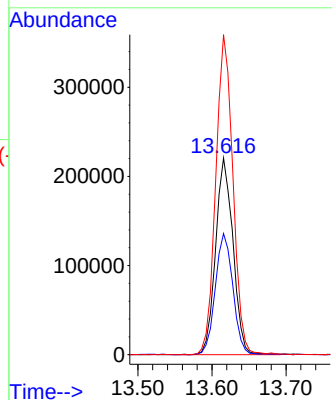
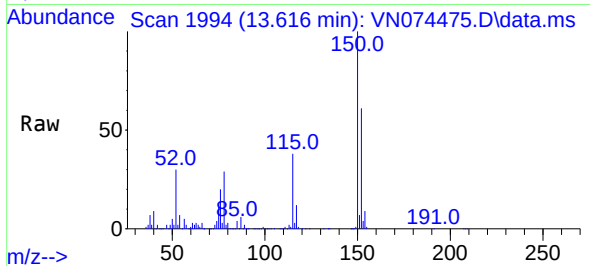




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074475.D
 Acq: 15 Sep 2022 20:48

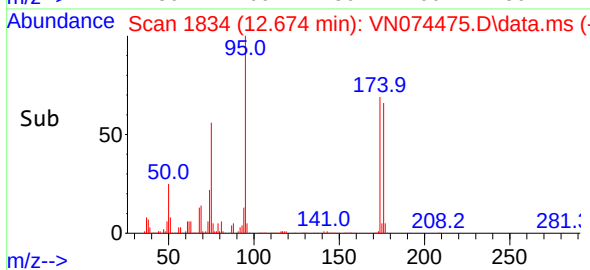
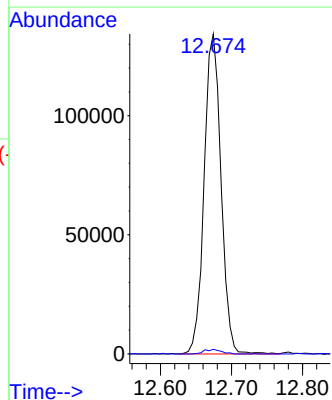
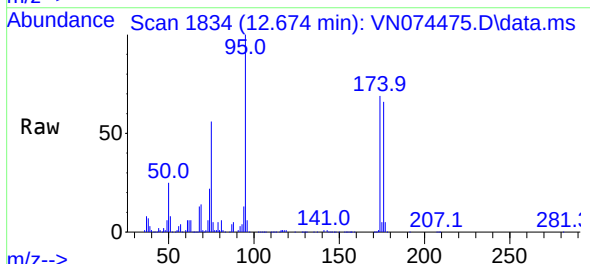
Instrument :
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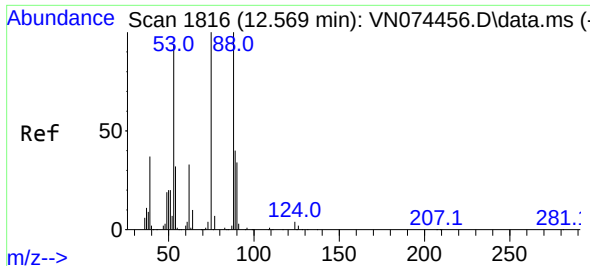
Tgt Ion:152 Resp: 359808
 Ion Ratio Lower Upper
 152 100
 115 62.1 28.9 86.7
 150 160.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.069 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074475.D
 Acq: 15 Sep 2022 20:48

Tgt Ion: 75 Resp: 222267
 Ion Ratio Lower Upper
 75 100
 77 1.5 98.5 295.5#

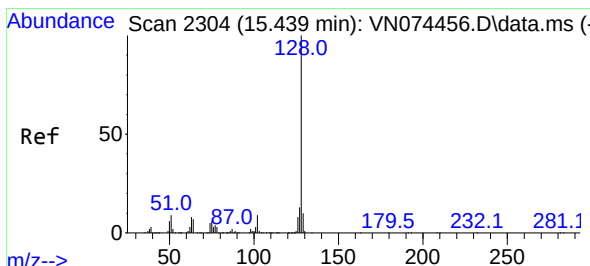
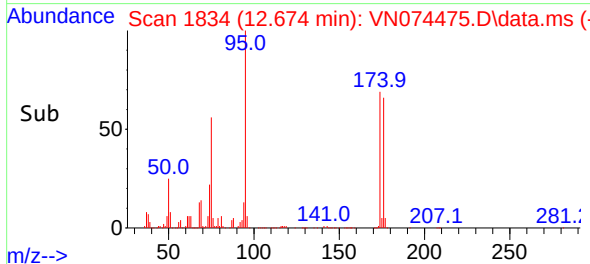
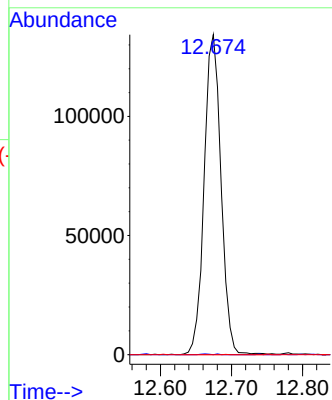
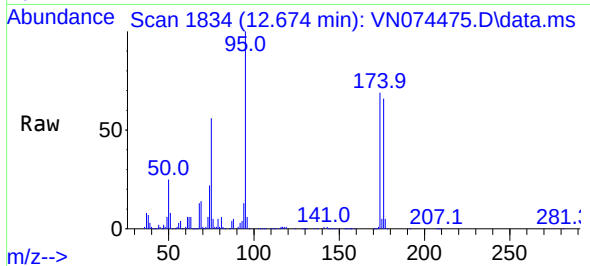




#81
trans-1,4-Dichloro-2-butene
Concen: 43.315 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.105 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Instrument :
MSVOA_N
ClientSampleId :
257248-4

Tgt Ion: 75 Resp: 222267
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.622 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074475.D
Acq: 15 Sep 2022 20:48

Tgt Ion:128 Resp: 1063
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 6.2 8.6 13.0#

