

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074513.D
 Acq On : 16 Sep 2022 16:22
 Operator : JC\MD
 Sample : N4508-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-090222

Quant Time: Sep 16 22:33:58 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)

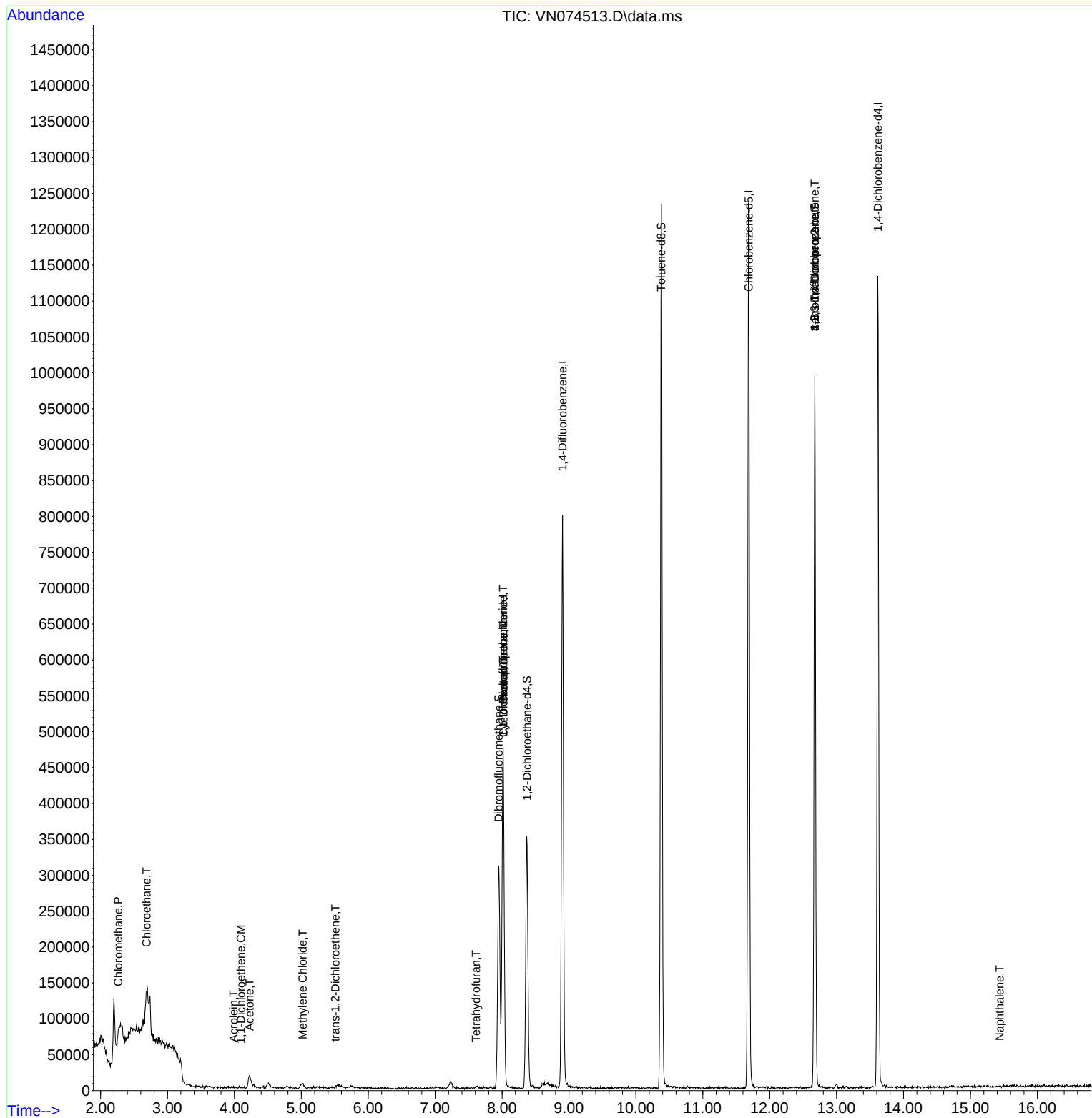
Internal Standards						
1) Pentafluorobenzene	8.016	168	339938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	648576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	633314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	261095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	262166	45.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.900%			
35) Dibromofluoromethane	7.951	113	216787	50.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	10.380	98	785663	47.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.300%			
62) 4-Bromofluorobenzene	12.674	95	299627	52.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.000%			
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	1974	0.574	ug/l #	75
6) Chloroethane	2.687	64	23256	5.113	ug/l #	60
12) 1,1-Dichloroethene	4.098	96	380	0.768	ug/l #	1
13) Acrolein	3.987	56	193	0.281	ug/l #	28
16) Acetone	4.228	43	32017	8.675	ug/l #	88
20) Methylene Chloride	5.022	84	4409	0.813	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	563	0.543	ug/l #	1
28) Bromochloromethane	7.775	49	58	Below Cal	#	8
29) Tetrahydrofuran	7.610	42	1663	0.413	ug/l #	84
31) Cyclohexane	8.022	56	10524	1.028	ug/l #	73
36) 1,1-Dichloropropene	8.022	75	33578	4.403	ug/l #	49
38) Carbon Tetrachloride	8.016	117	35672	5.066	ug/l #	17
76) 1,2,3-Trichloropropane	12.674	75	176352	21.943	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	176352	47.361	ug/l #	10
95) Naphthalene	15.439	128	637	1.617	ug/l #	70

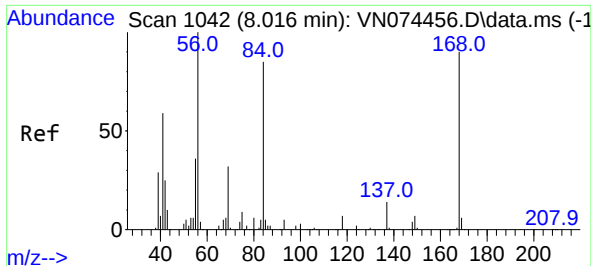
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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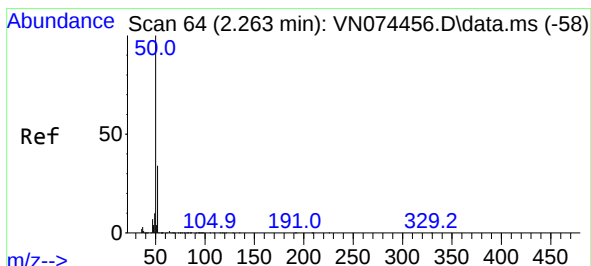
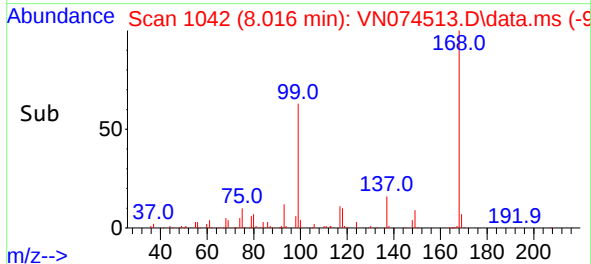
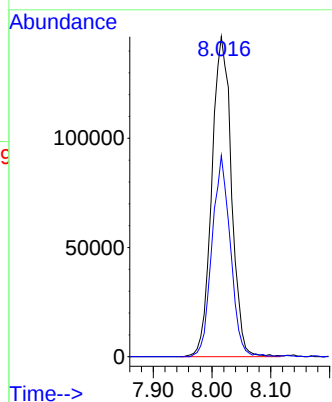
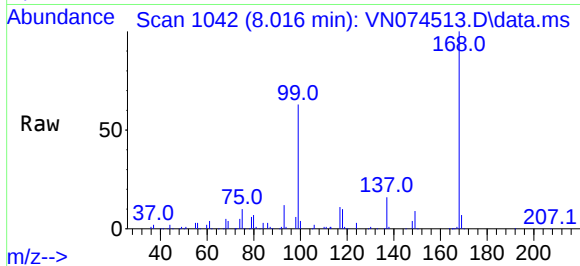




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

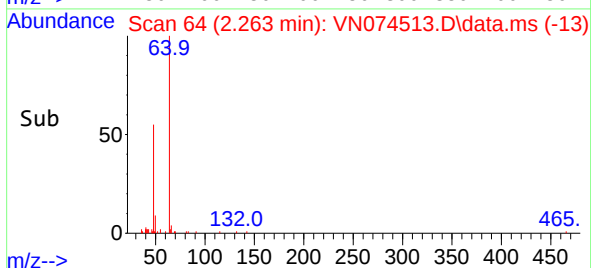
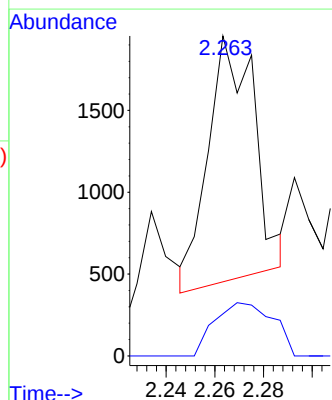
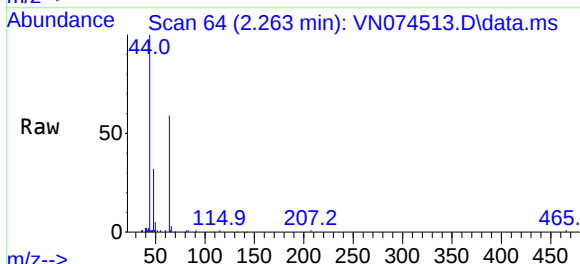
Instrument :
MSVOA_N
ClientSampleId :
EB01-090222

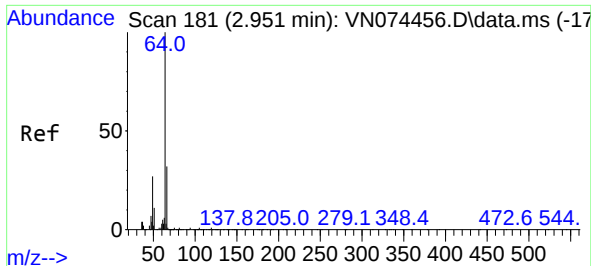
Tgt Ion:168 Resp: 339938
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#3
Chloromethane
Concen: 0.574 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion: 50 Resp: 1974
Ion Ratio Lower Upper
50 100
52 18.2 25.7 38.5#

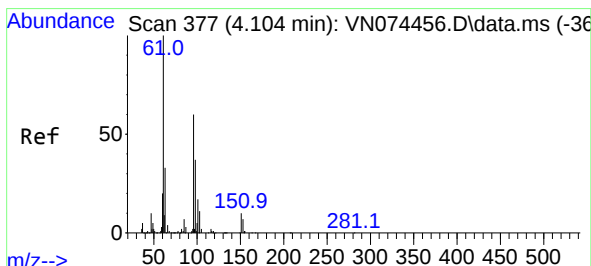
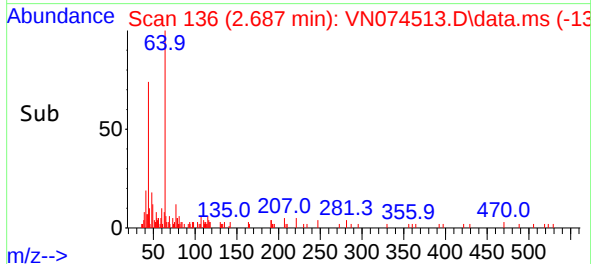
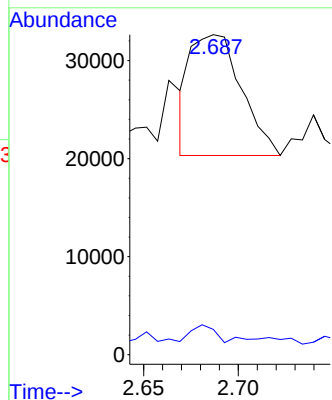
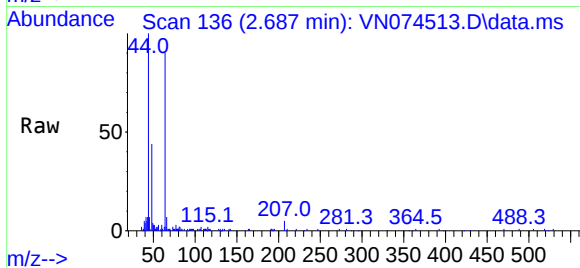




#6
Chloroethane
Concen: 5.113 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.264 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

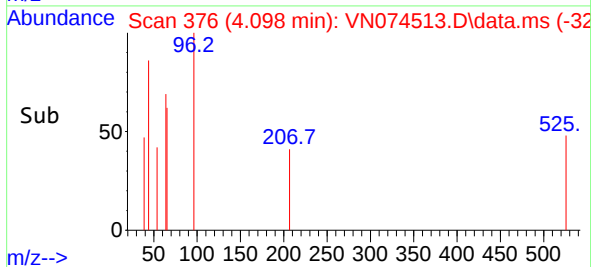
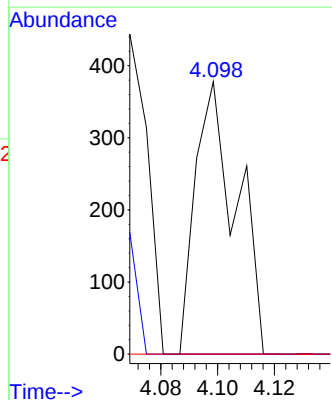
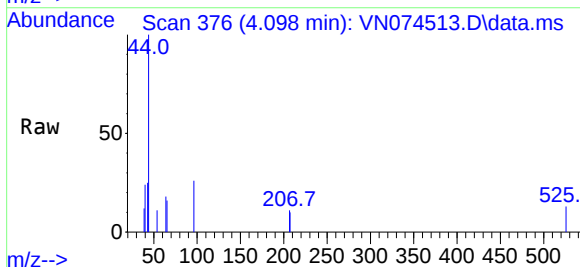
Instrument :
MSVOA_N
ClientSampleId :
EB01-090222

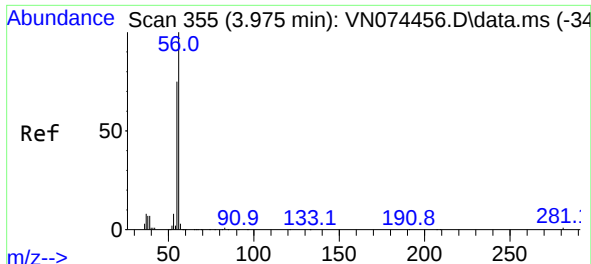
Tgt Ion: 64 Resp: 23256
Ion Ratio Lower Upper
64 100
66 10.0 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.768 ug/l
RT: 4.098 min Scan# 376
Delta R.T. -0.006 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion: 96 Resp: 380
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

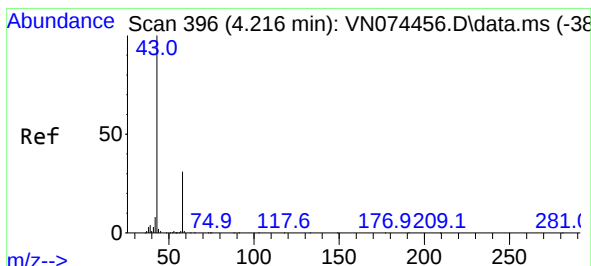
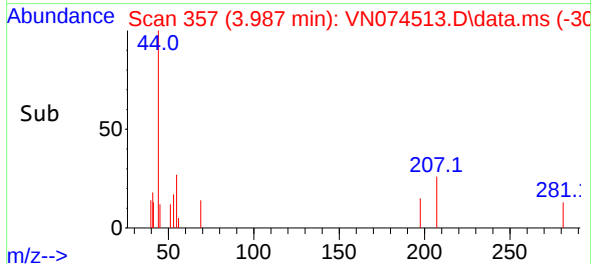
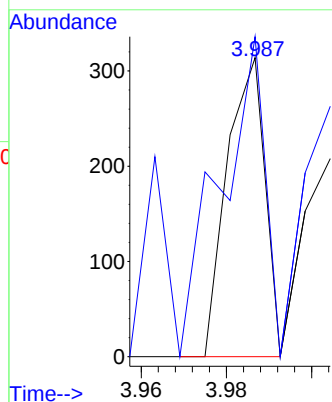
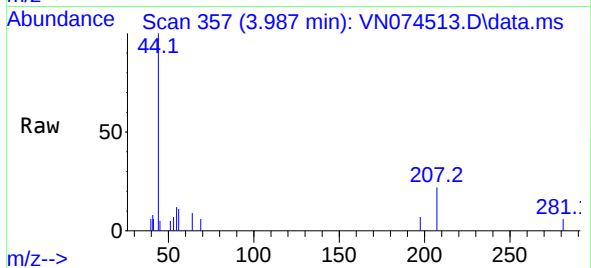




#13
Acrolein
Concen: 0.281 ug/l
RT: 3.987 min Scan# 355
Delta R.T. 0.012 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

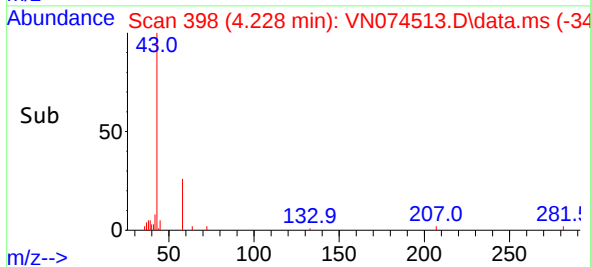
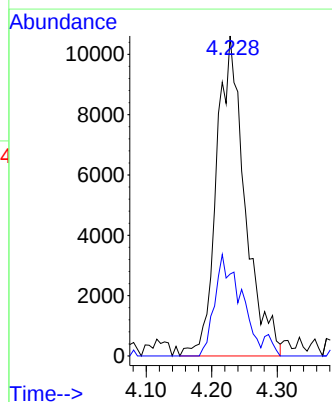
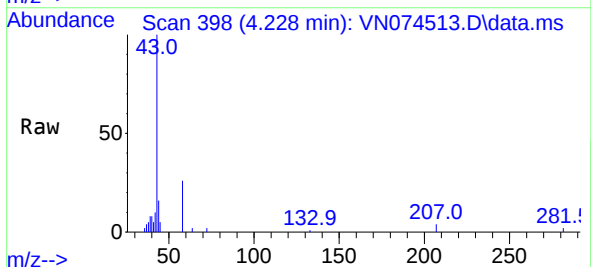
Instrument :
MSVOA_N
ClientSampleId :
EB01-090222

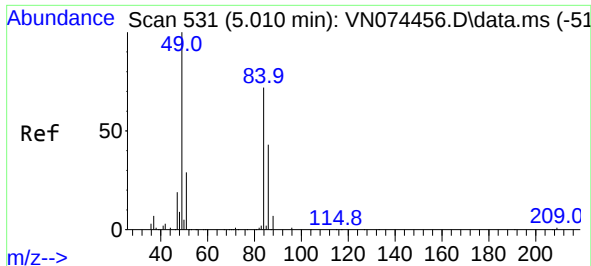
Tgt Ion: 56 Resp: 193
Ion Ratio Lower Upper
56 100
55 126.9 54.8 82.2#



#16
Acetone
Concen: 8.675 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

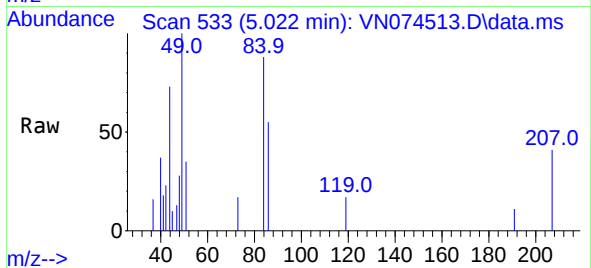
Tgt Ion: 43 Resp: 32017
Ion Ratio Lower Upper
43 100
58 25.6 26.0 39.0#



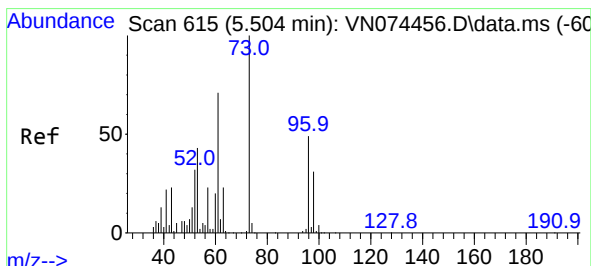
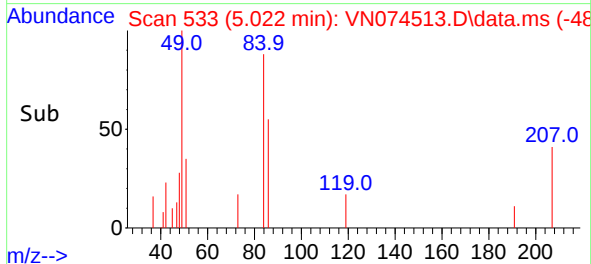
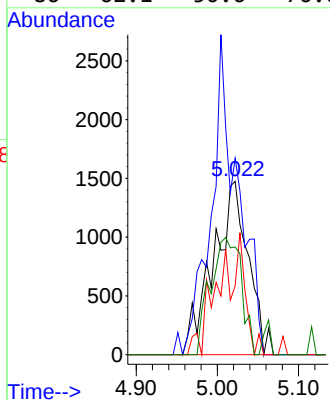


#20
Methylene Chloride
Concen: 0.813 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
EB01-090222

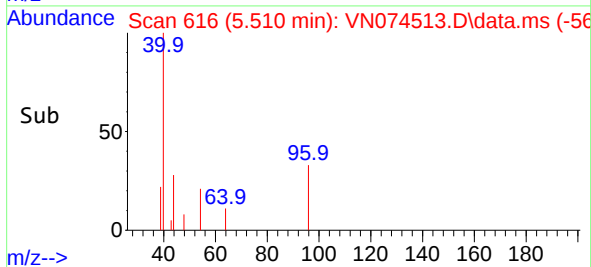
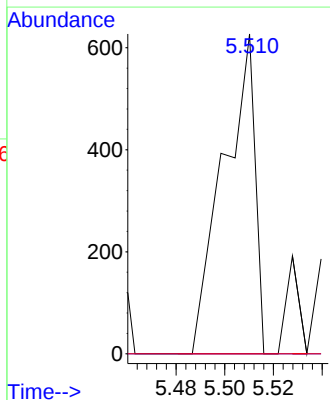
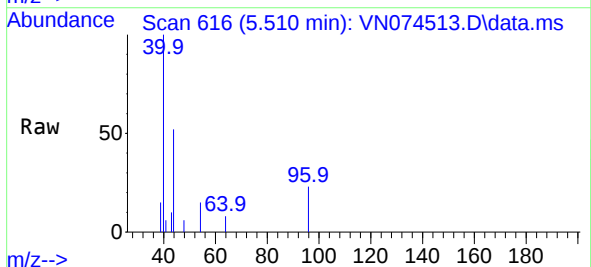


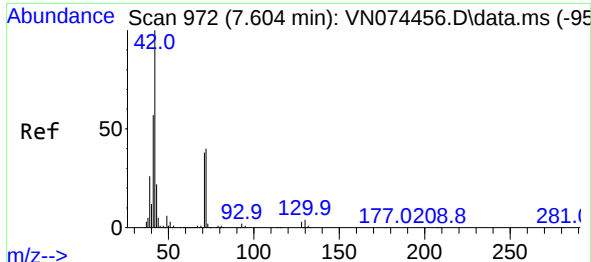
Tgt Ion: 84 Resp: 4409
Ion Ratio Lower Upper
84 100
49 113.3 88.3 132.5
51 39.7 28.2 42.2
86 62.1 50.6 76.0



#21
trans-1,2-Dichloroethene
Concen: 0.543 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion: 96 Resp: 563
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.413 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074513.D

Acq: 16 Sep 2022 16:22

Instrument :

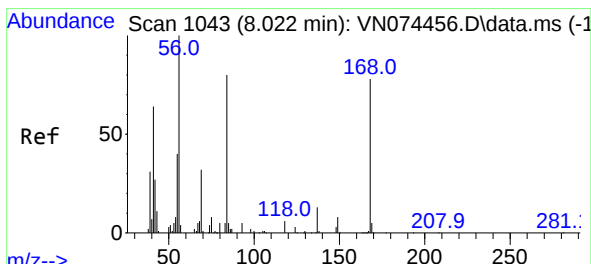
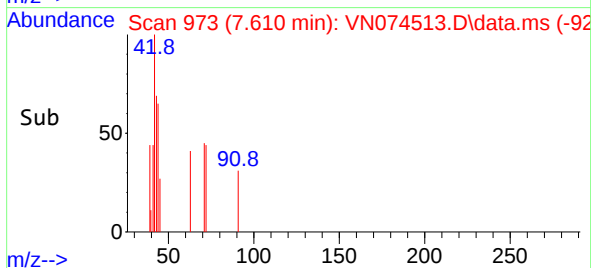
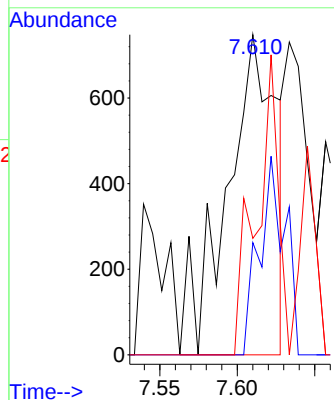
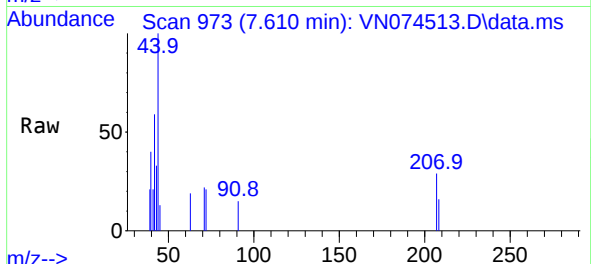
MSVOA_N

ClientSampleId :

EB01-090222

Tgt Ion: 42 Resp: 1663

Ion	Ratio	Lower	Upper
42	100		
72	32.2	39.7	59.5#
71	41.4	36.6	55.0



#31

Cyclohexane

Concen: 1.028 ug/l

RT: 8.022 min Scan# 1043

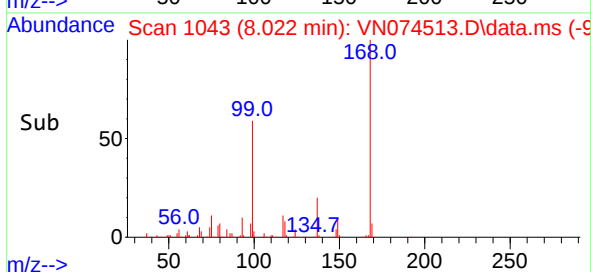
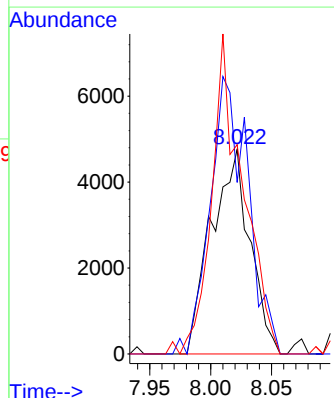
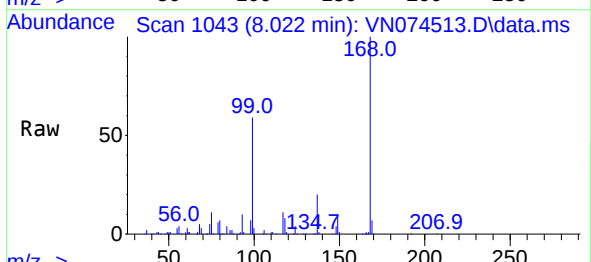
Delta R.T. -0.000 min

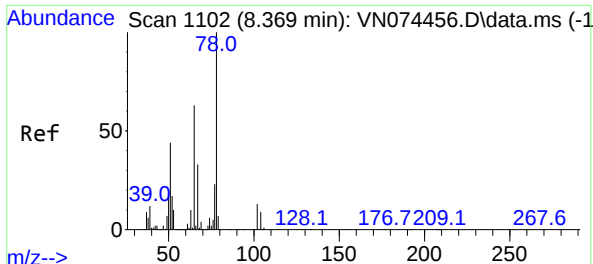
Lab File: VN074513.D

Acq: 16 Sep 2022 16:22

Tgt Ion: 56 Resp: 10524

Ion	Ratio	Lower	Upper
56	100		
69	83.8	27.8	41.8#
84	102.2	76.9	115.3

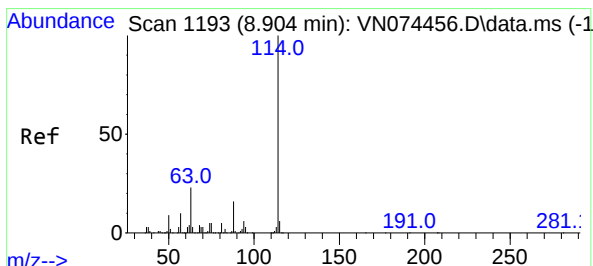
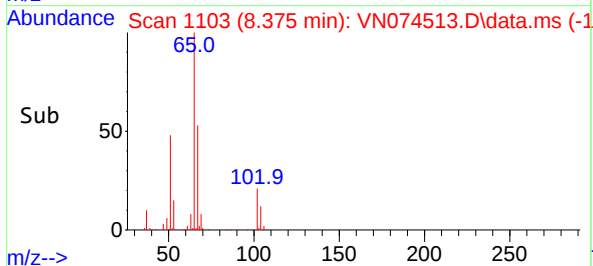
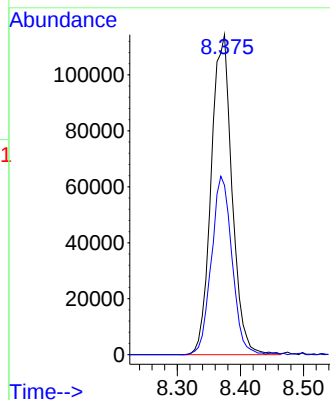
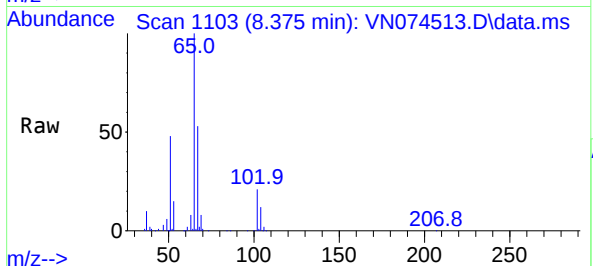




#33
1,2-Dichloroethane-d4
Concen: 45.453 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

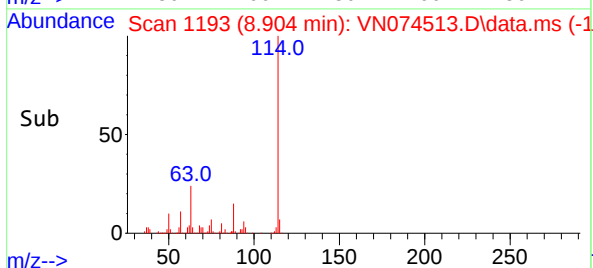
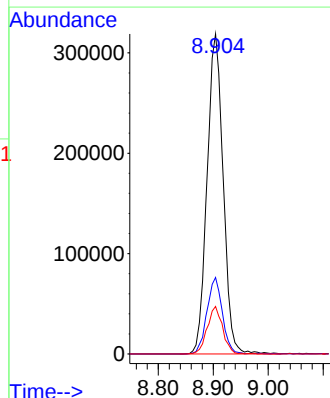
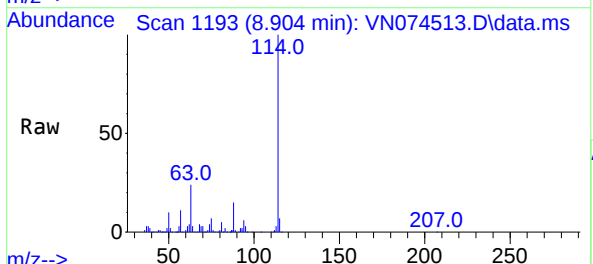
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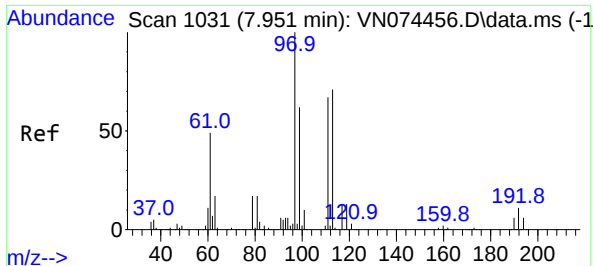
Tgt Ion: 65 Resp: 262166
Ion Ratio Lower Upper
65 100
67 55.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion:114 Resp: 648576
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.0
88 14.9 0.0 32.6

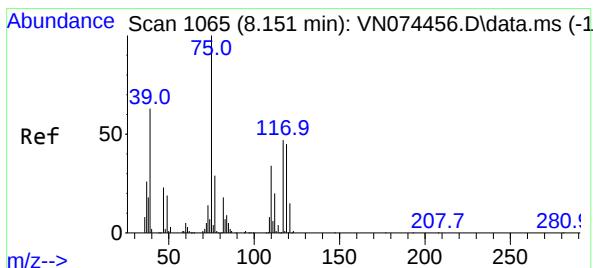
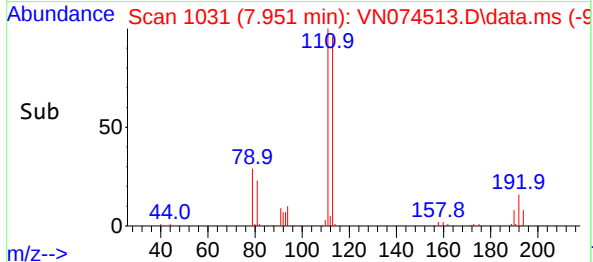
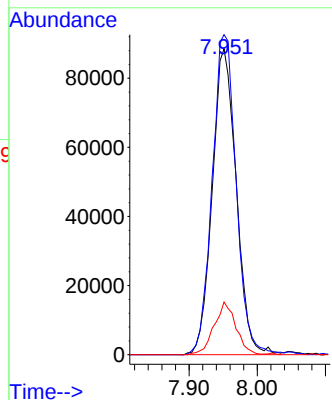
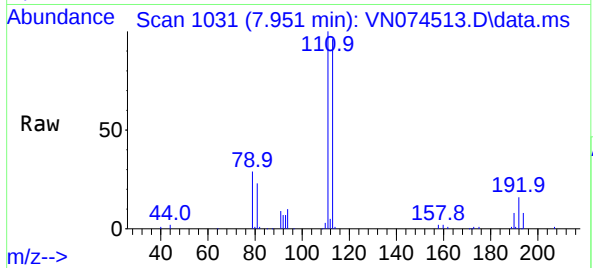




#35
Dibromofluoromethane
Concen: 50.318 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

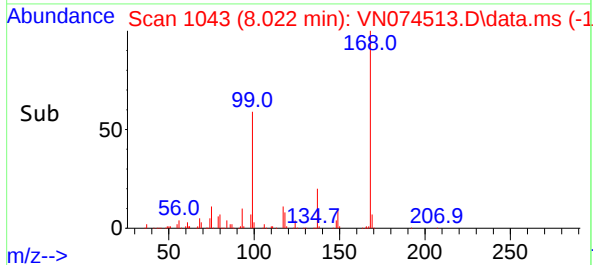
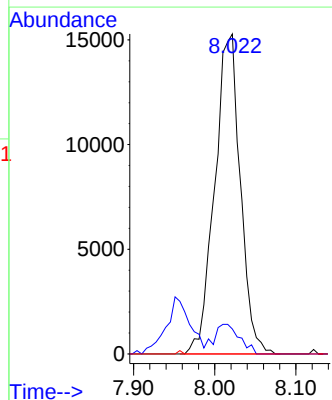
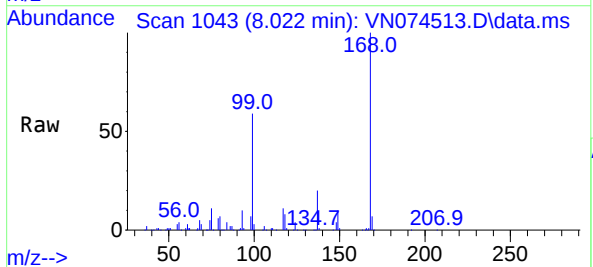
Instrument :
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ClientSampleId :
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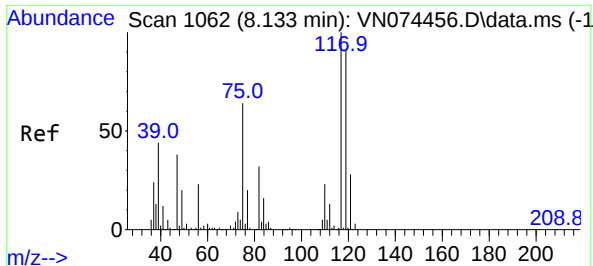
Tgt Ion:113 Resp: 216787
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 15.7 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion: 75 Resp: 33578
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#

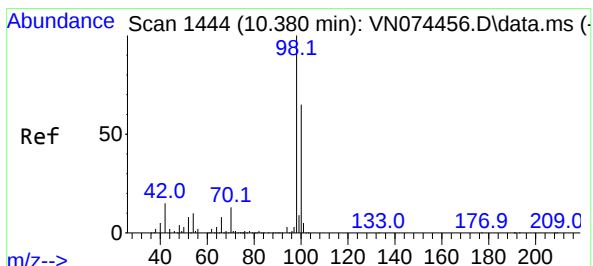
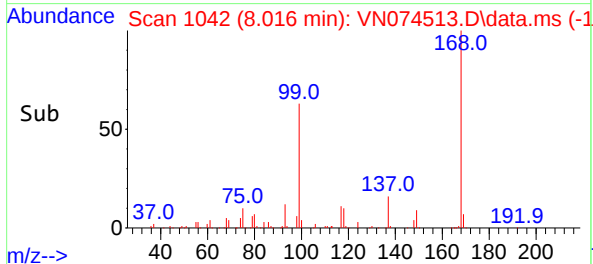
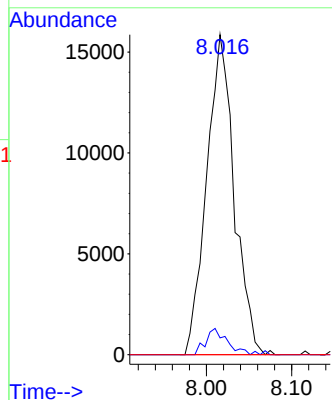
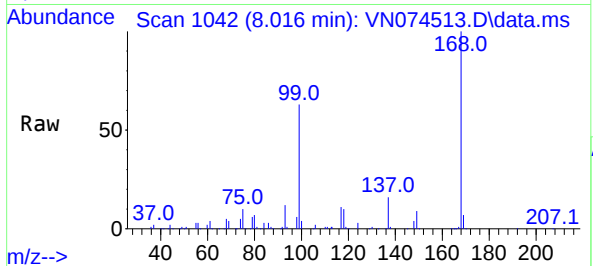




#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

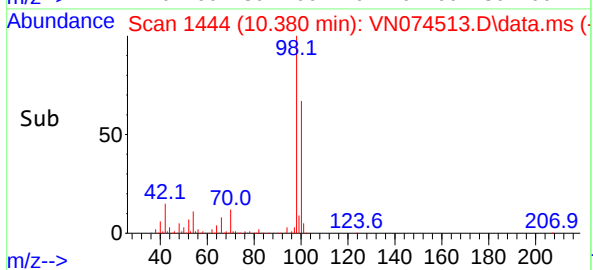
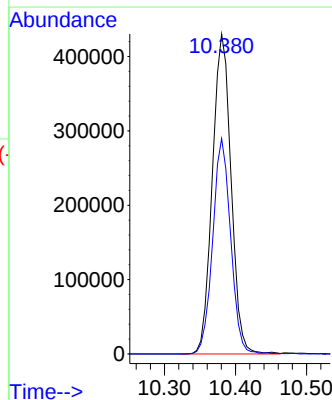
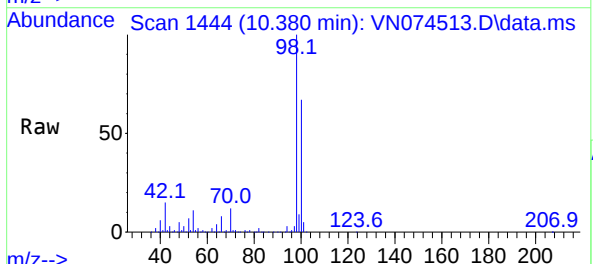
Instrument :
MSVOA_N
ClientSampleId :
EB01-090222

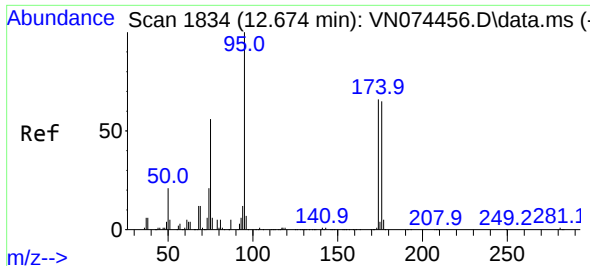
Tgt Ion:117 Resp: 35672
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.153 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion: 98 Resp: 785663
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

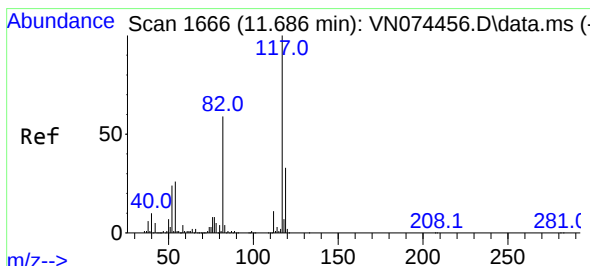
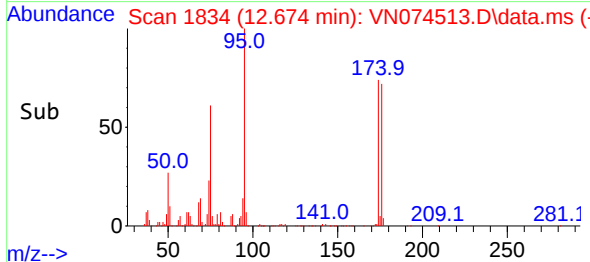
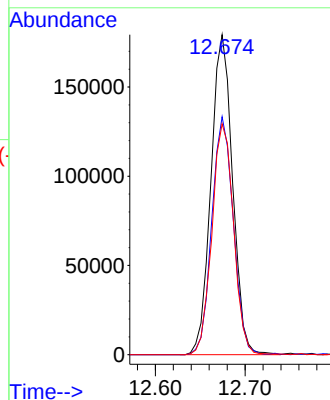
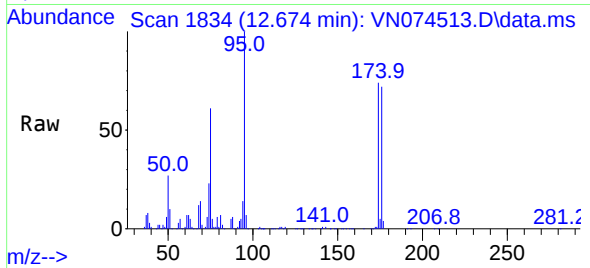




#62
4-Bromofluorobenzene
Concen: 52.504 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

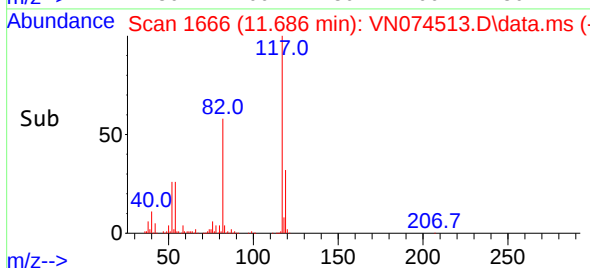
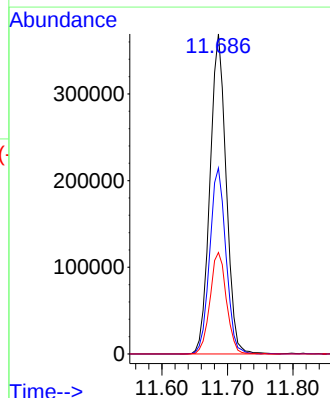
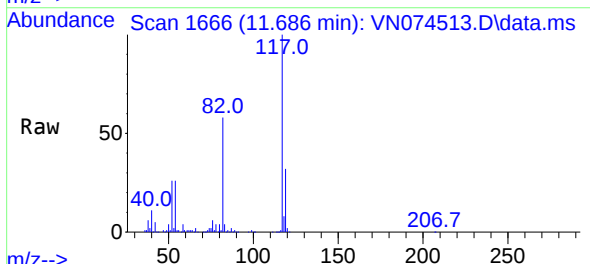
Instrument :
MSVOA_N
ClientSampleId :
EB01-090222

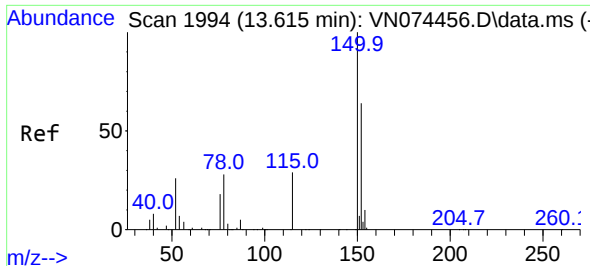
Tgt Ion: 95 Resp: 299627
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 72.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion: 117 Resp: 633314
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 31.7 25.4 38.0

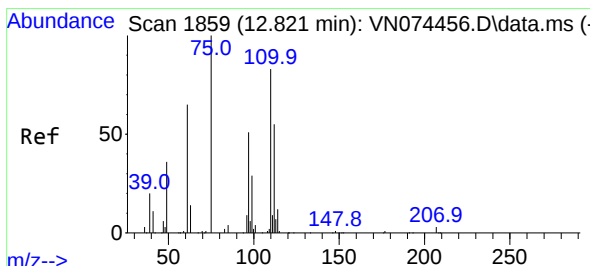
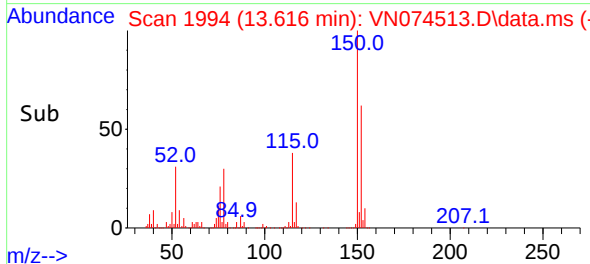
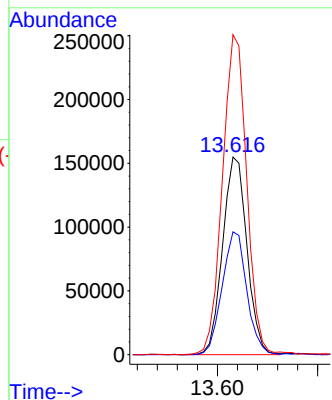
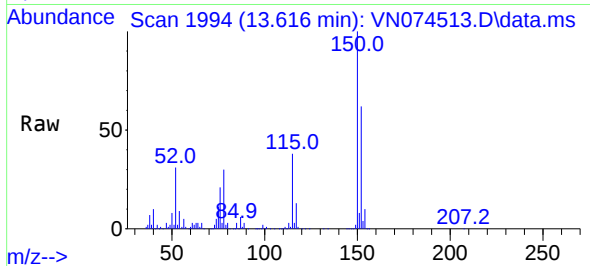




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074513.D
 Acq: 16 Sep 2022 16:22

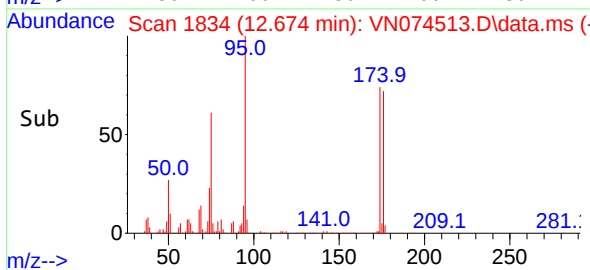
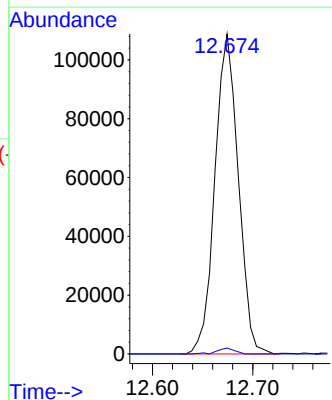
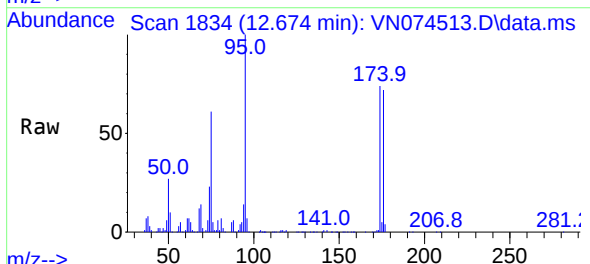
Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-090222

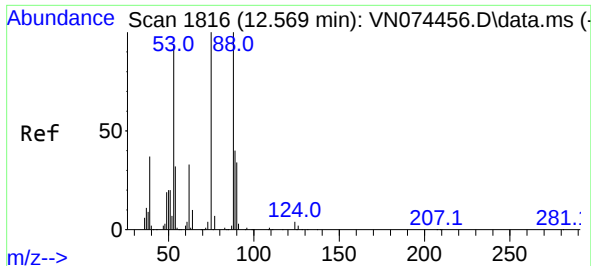
Tgt Ion:152 Resp: 261095
 Ion Ratio Lower Upper
 152 100
 115 62.8 28.9 86.7
 150 162.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.943 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074513.D
 Acq: 16 Sep 2022 16:22

Tgt Ion: 75 Resp: 176352
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

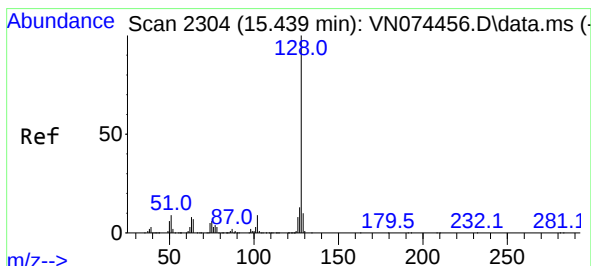
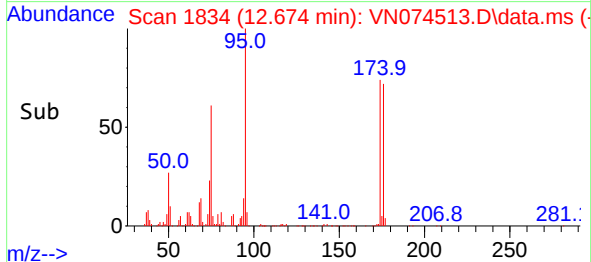
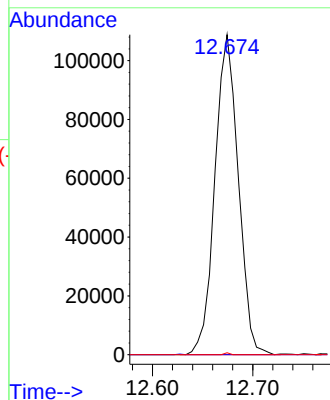
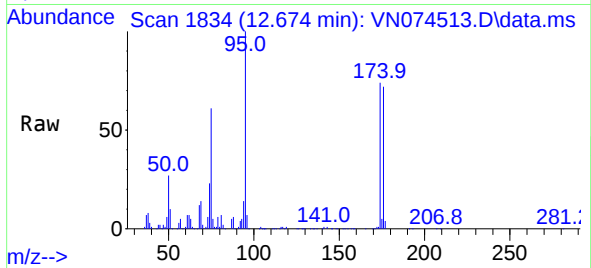




#81
trans-1,4-Dichloro-2-butene
Concen: 47.361 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.105 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Instrument :
MSVOA_N
ClientSampleId :
EB01-090222

Tgt Ion: 75 Resp: 176352
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 1.617 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074513.D
Acq: 16 Sep 2022 16:22

Tgt Ion:128 Resp: 637
Ion Ratio Lower Upper
128 100
127 25.0 10.3 15.5#
129 0.0 8.6 13.0#

