

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074584.D
 Acq On : 19 Sep 2022 14:25
 Operator : JC\MD
 Sample : N4526-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-0907

Quant Time: Sep 20 04:19:37 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)

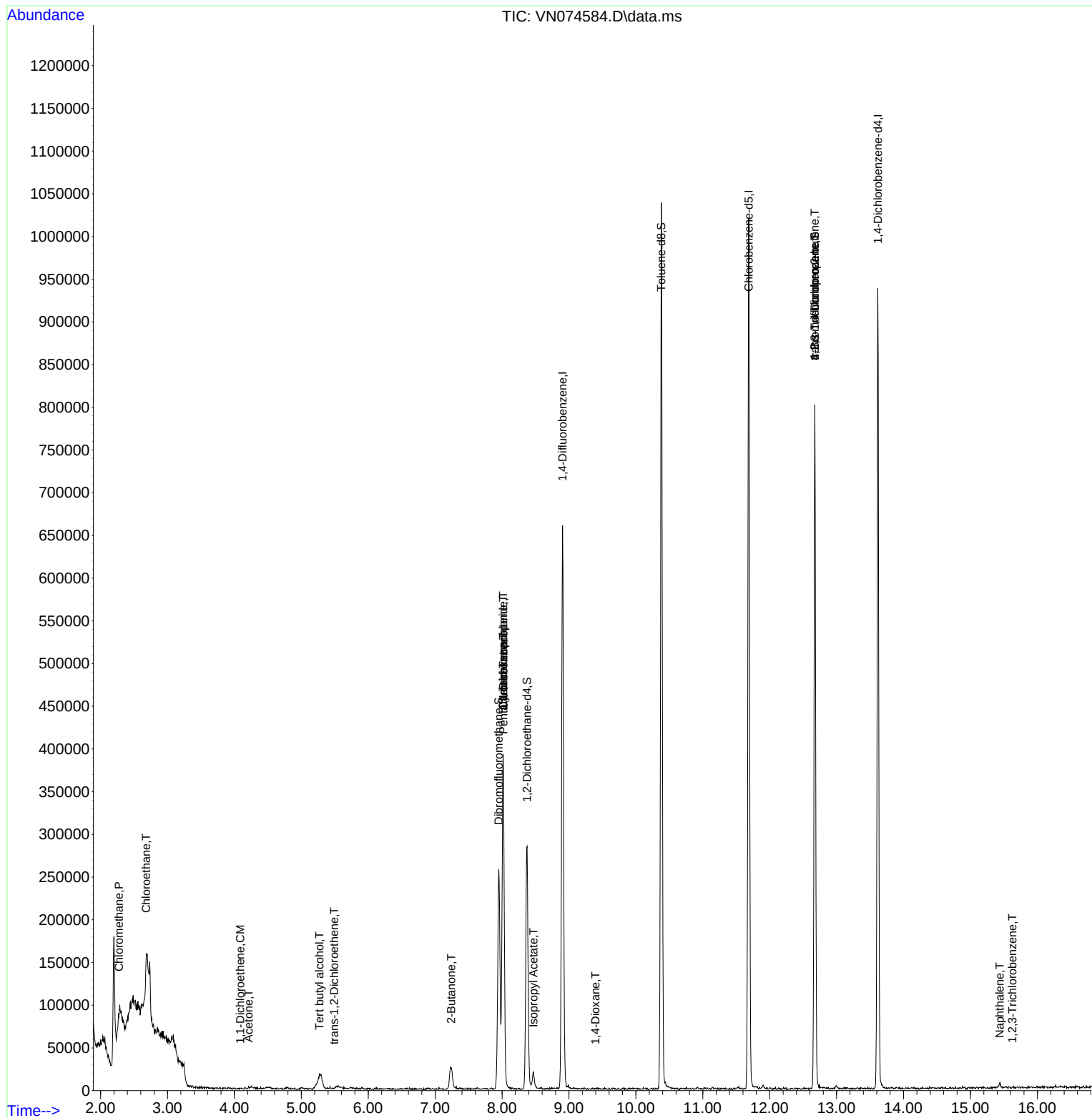
Internal Standards						
1) Pentafluorobenzene	8.022	168	279481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	533195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	518964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	216246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	217068	45.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.540%		
35) Dibromofluoromethane	7.951	113	174696	49.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	10.380	98	650466	47.486	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.980%		
62) 4-Bromofluorobenzene	12.674	95	238074	50.746	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	2343	0.714	ug/l #	43
6) Chloroethane	2.681	64	27319	7.305	ug/l #	45
11) Tert butyl alcohol	5.269	59	35884	23.230	ug/l #	92
12) 1,1-Dichloroethene	4.087	96	66	0.702	ug/l #	1
16) Acetone	4.210	43	1420	0.468	ug/l #	77
21) trans-1,2-Dichloroethene	5.492	96	54	0.442	ug/l #	1
25) 2-Butanone	7.239	43	1941	0.385	ug/l #	45
31) Cyclohexane	8.016	56	8735	1.038	ug/l #	11
36) 1,1-Dichloropropene	8.016	75	28560	4.556	ug/l #	47
38) Carbon Tetrachloride	8.016	117	30148	5.208	ug/l #	15
43) Isopropyl Acetate	8.469	43	4442	0.293	ug/l #	53
49) 1,4-Dioxane	9.398	88	116	0.897	ug/l #	8
76) 1,2,3-Trichloropropane	12.674	75	142187	21.362	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	142187	46.105	ug/l #	10
95) Naphthalene	15.439	128	4850	1.843	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.627	180	87	1.356	ug/l #	12

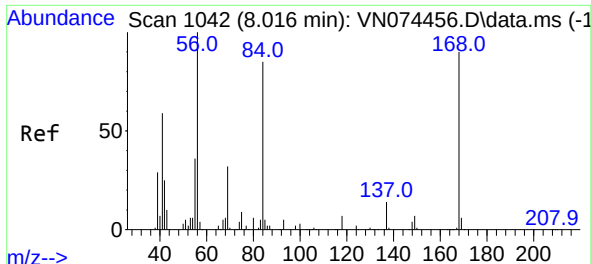
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 04:19:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
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Response via : Initial Calibration

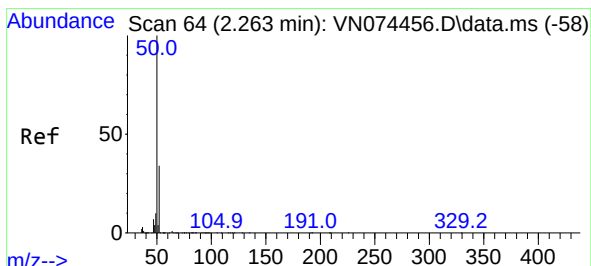
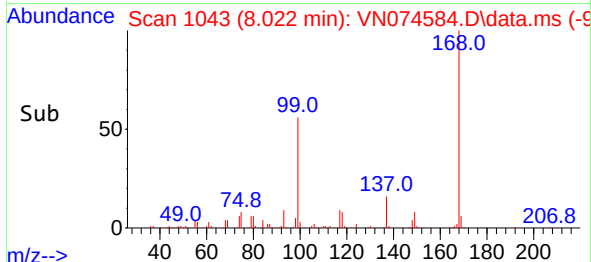
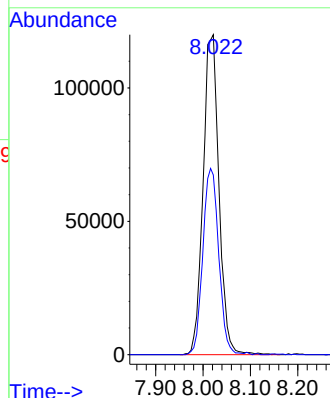
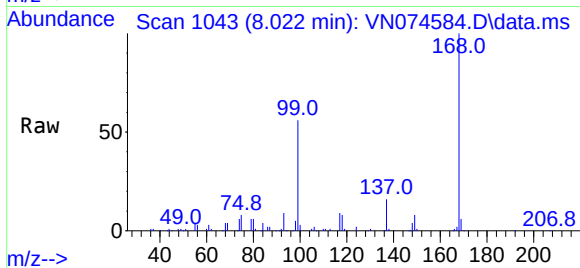




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

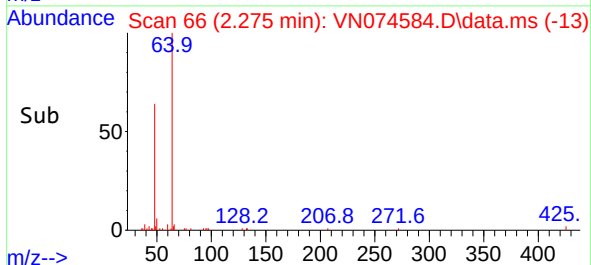
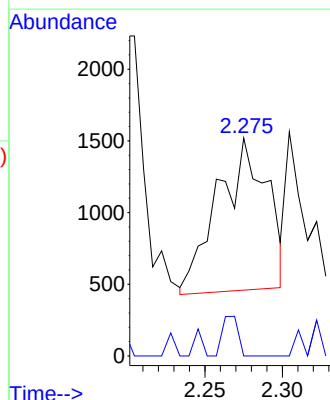
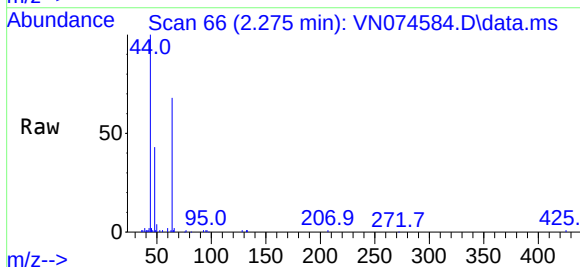
Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

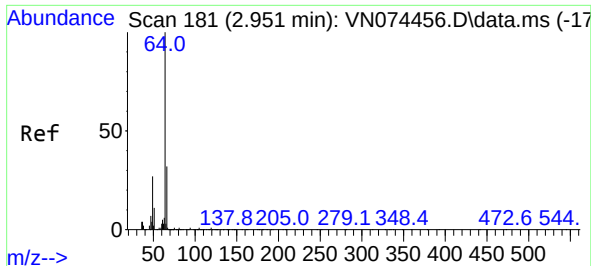
Tgt Ion:168 Resp: 279481
Ion Ratio Lower Upper
168 100
99 56.1 42.3 63.5



#3
Chloromethane
Concen: 0.714 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion: 50 Resp: 2343
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

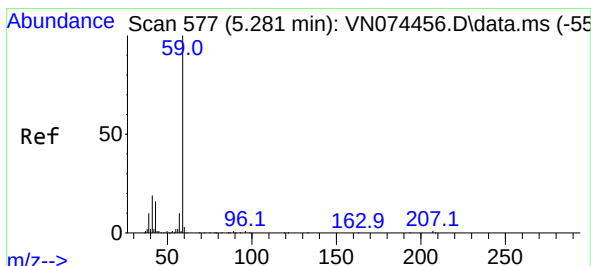
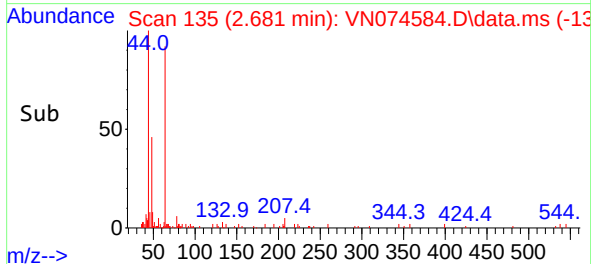
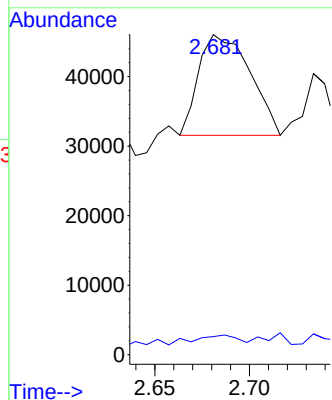
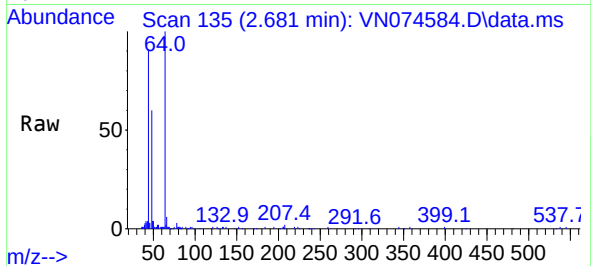




#6
Chloroethane
Concen: 7.305 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.270 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

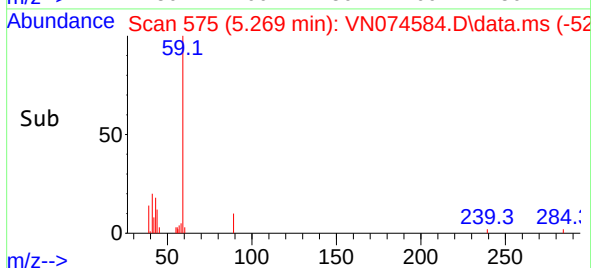
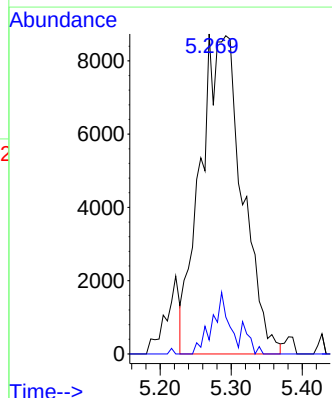
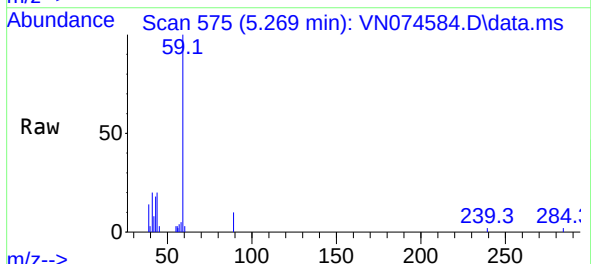
Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

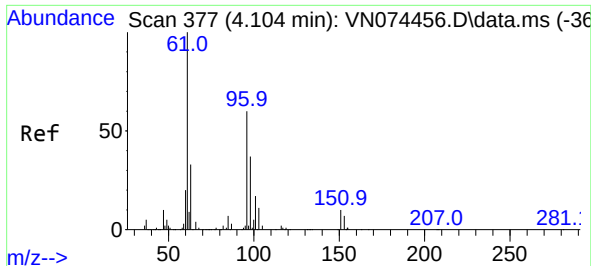
Tgt Ion: 64 Resp: 27319
Ion Ratio Lower Upper
64 100
66 1.7 26.2 39.4#



#11
Tert butyl alcohol
Concen: 23.230 ug/l
RT: 5.269 min Scan# 575
Delta R.T. -0.012 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion: 59 Resp: 35884
Ion Ratio Lower Upper
59 100
57 7.6 8.3 12.5#

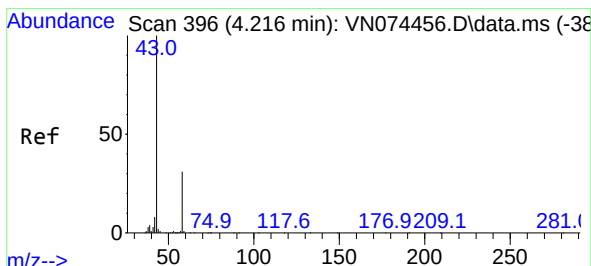
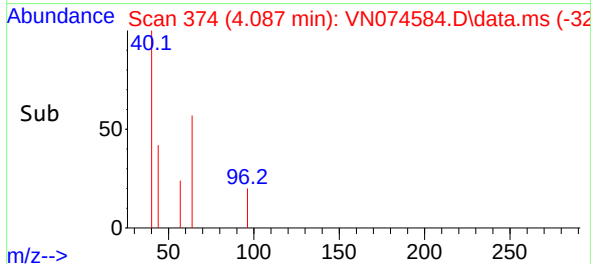
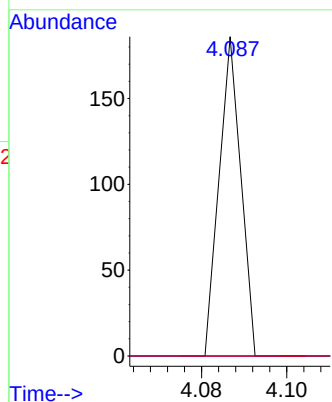
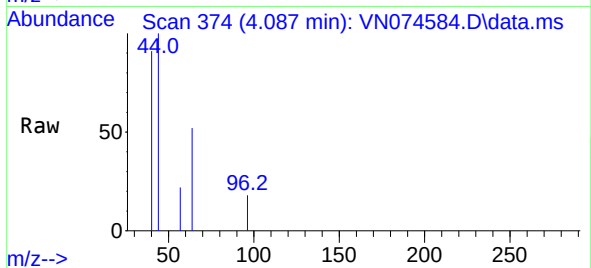




#12
1,1-Dichloroethene
Concen: 0.702 ug/l
RT: 4.087 min Scan# 31
Delta R.T. -0.017 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

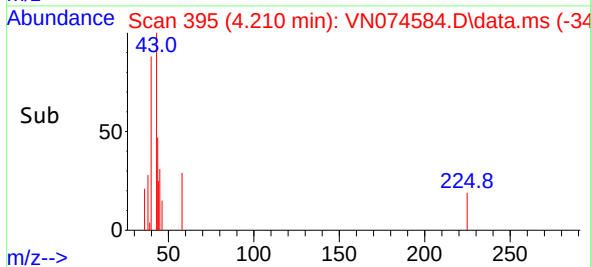
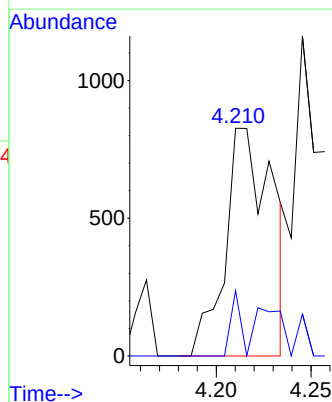
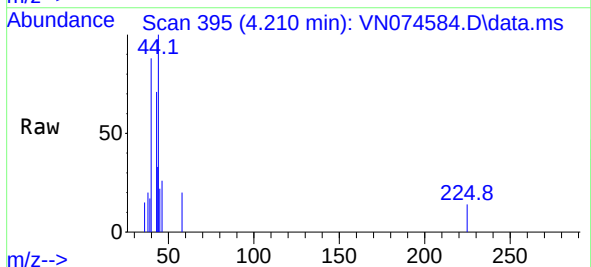
Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

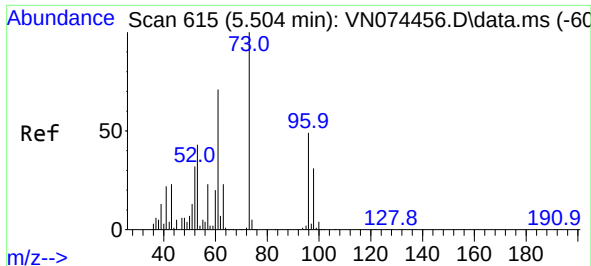
Tgt Ion: 96 Resp: 66
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 0.468 ug/l
RT: 4.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

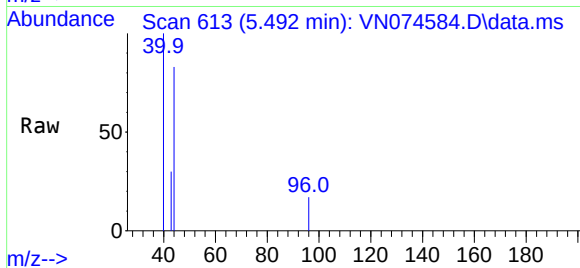
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 19.5 26.0 39.0#



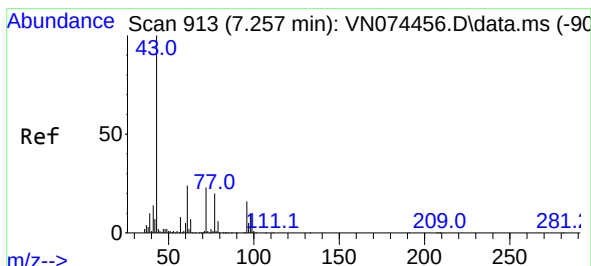
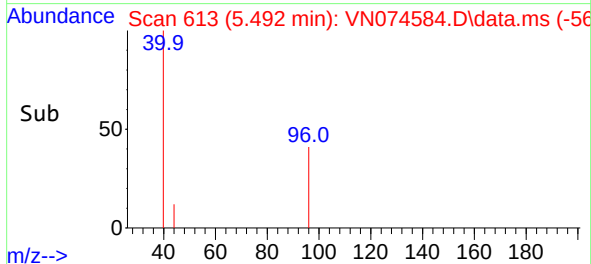
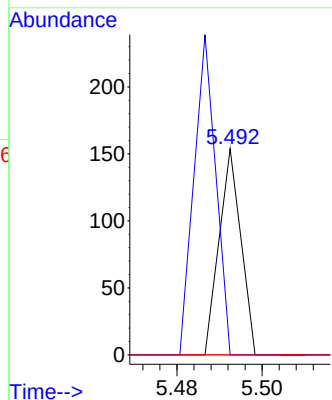


#21
trans-1,2-Dichloroethene
Concen: 0.442 ug/l
RT: 5.492 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

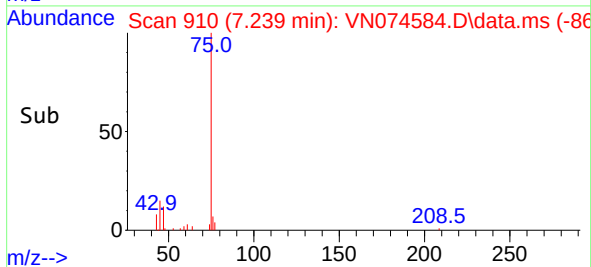
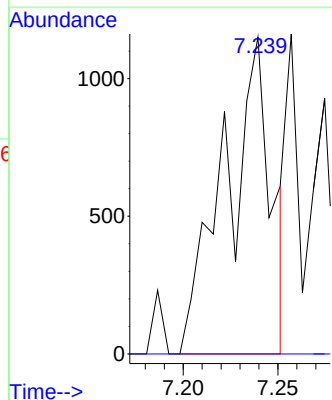
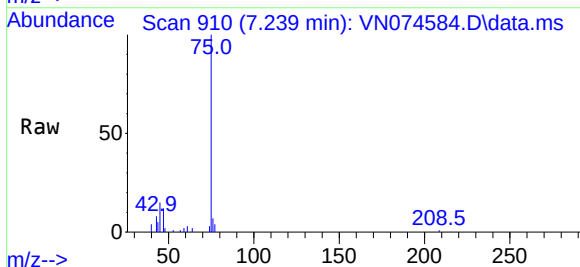


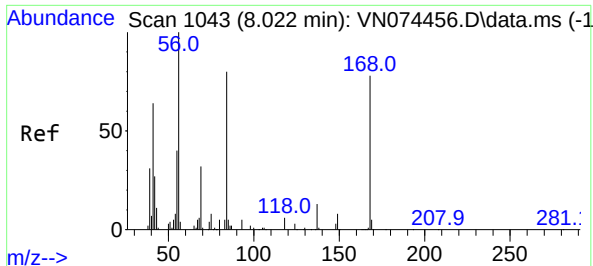
Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#25
2-Butanone
Concen: 0.385 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.018 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#31

Cyclohexane

Concen: 1.038 ug/l

RT: 8.016 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN074584.D

Acq: 19 Sep 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

EFF-0907

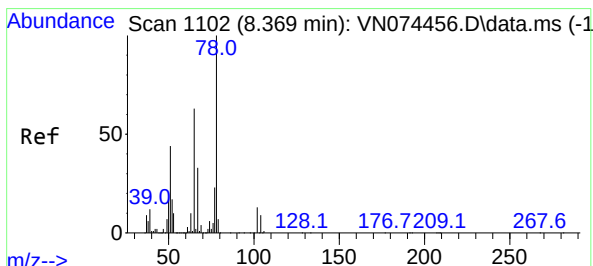
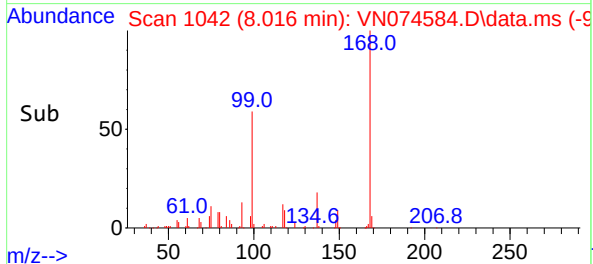
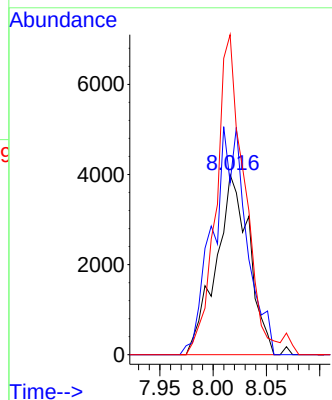
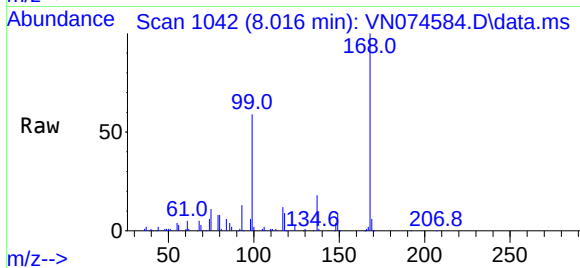
Tgt Ion: 56 Resp: 8735

Ion Ratio Lower Upper

56 100

69 95.6 27.8 41.8#

84 177.8 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 45.775 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074584.D

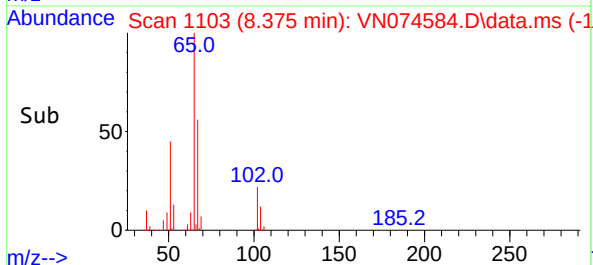
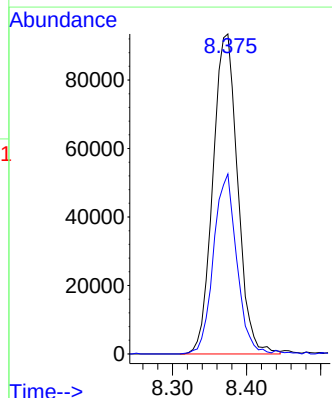
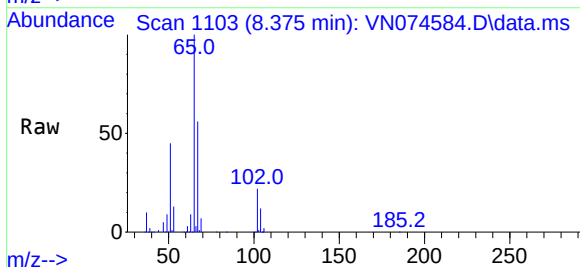
Acq: 19 Sep 2022 14:25

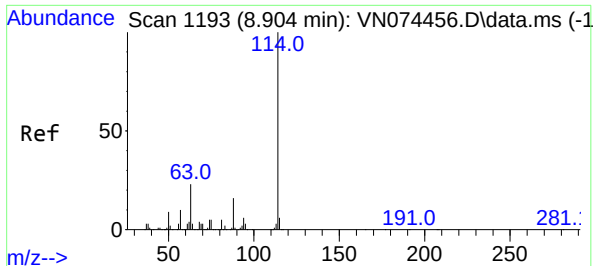
Tgt Ion: 65 Resp: 217068

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8

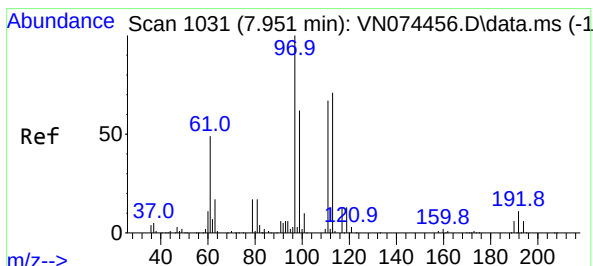
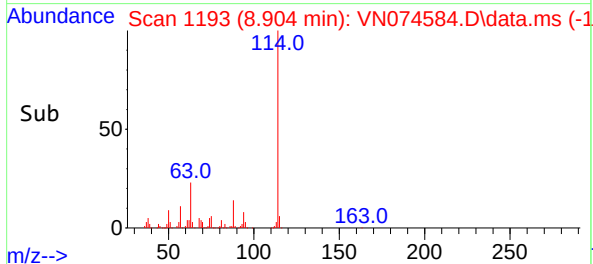
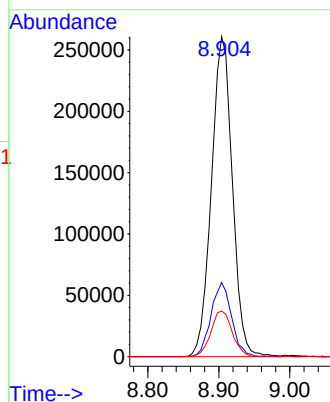
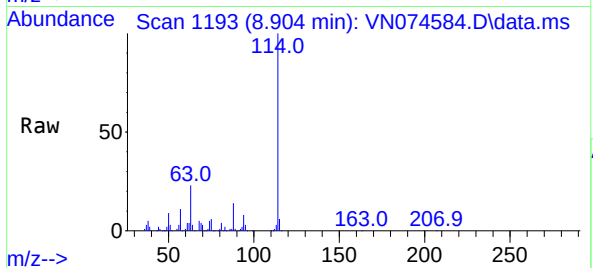




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

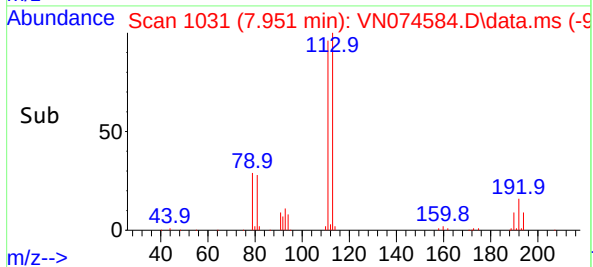
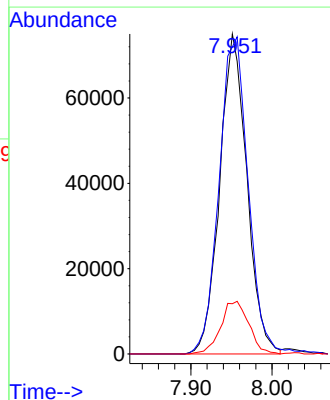
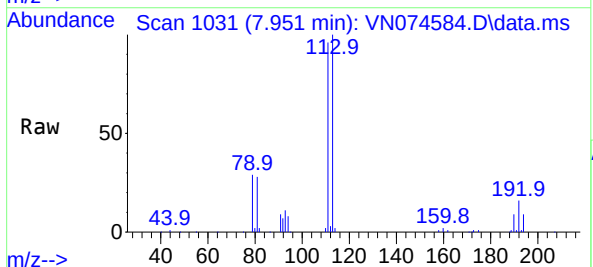
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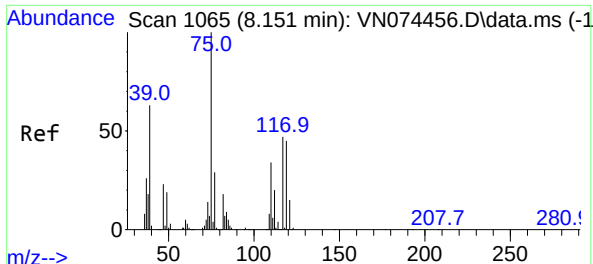
Tgt Ion:	114	Resp:	533195
Ion Ratio	Lower	Upper	
114	100		
63	23.2	0.0	40.0
88	14.2	0.0	32.6



#35
Dibromofluoromethane
Concen: 49.322 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion:	113	Resp:	174696
Ion Ratio	Lower	Upper	
113	100		
111	106.6	81.4	122.0
192	17.0	17.0	25.6

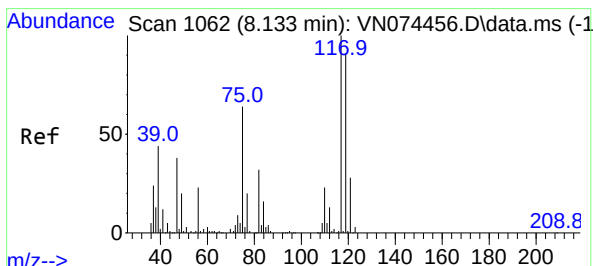
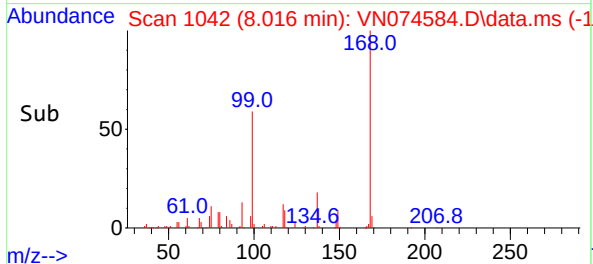
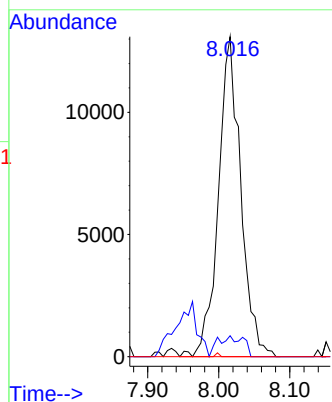
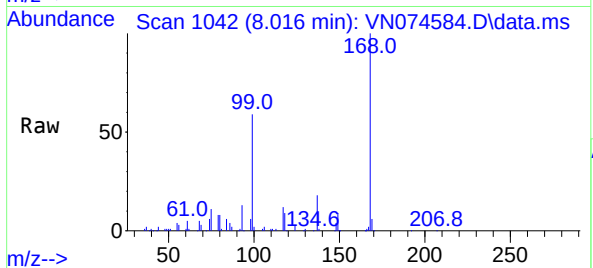




#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

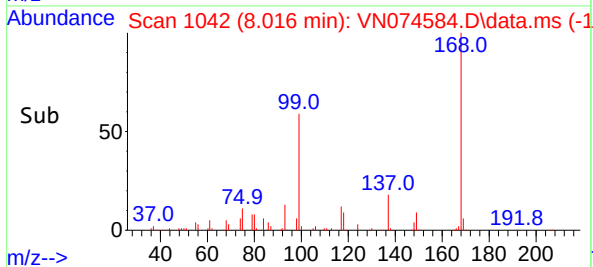
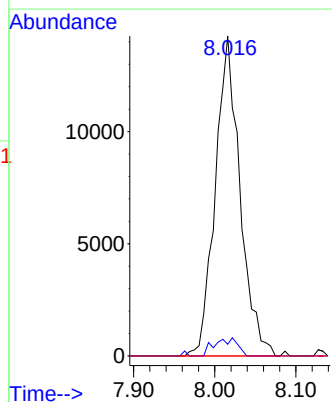
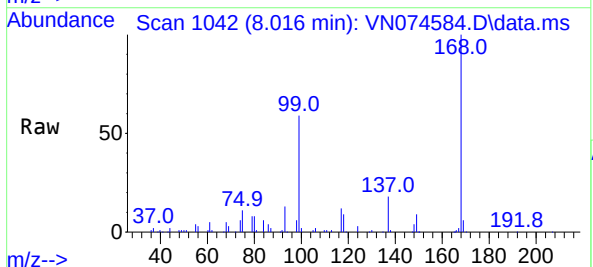
Instrument :
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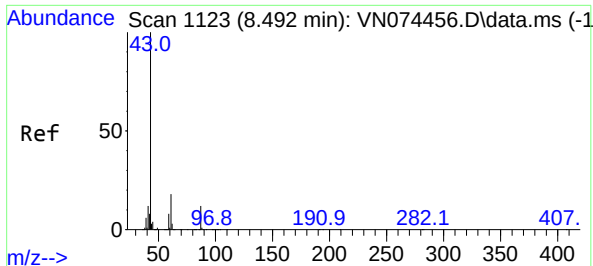
Tgt Ion: 75 Resp: 28560
Ion Ratio Lower Upper
75 100
110 7.4 18.3 54.8#
77 0.2 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.208 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion: 117 Resp: 30148
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 24.6 37.0#

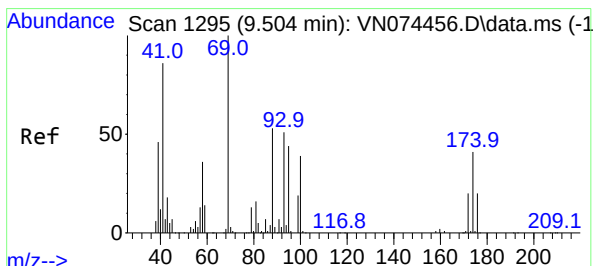
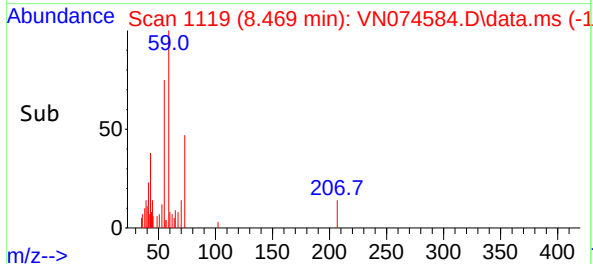
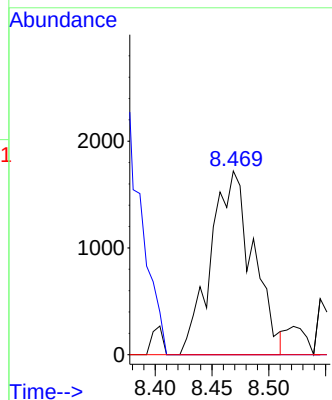
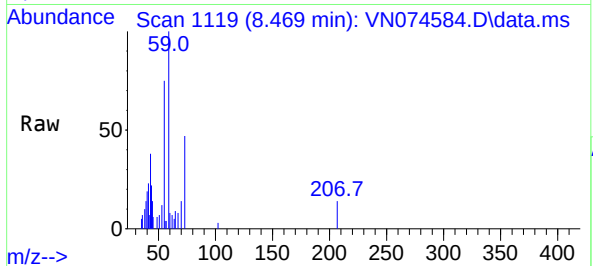




#43
Isopropyl Acetate
Concen: 0.293 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. -0.023 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

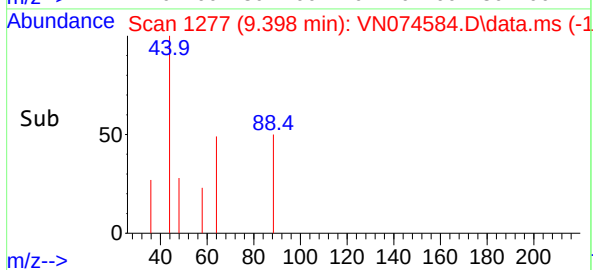
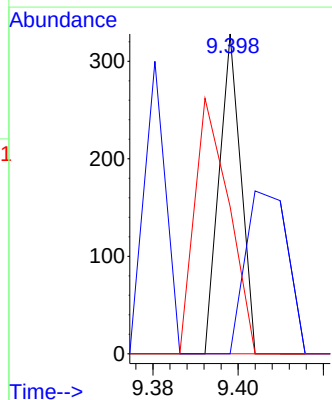
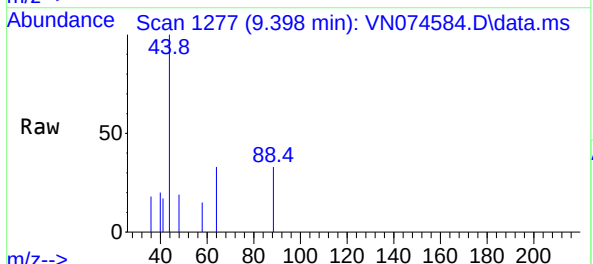
Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

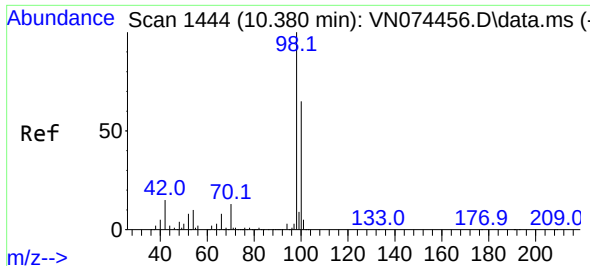
Tgt Ion: 43 Resp: 4442
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#49
1,4-Dioxane
Concen: 0.897 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. -0.106 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
43 98.3 20.2 30.4#
58 125.9 54.2 81.4#

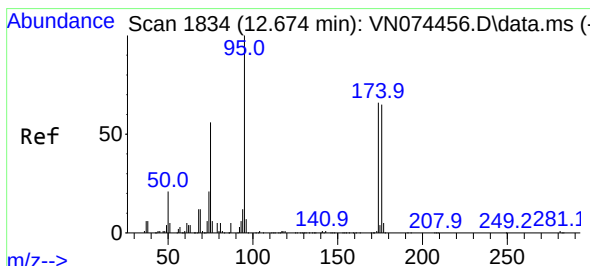
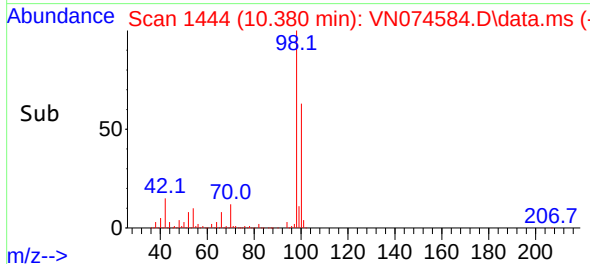
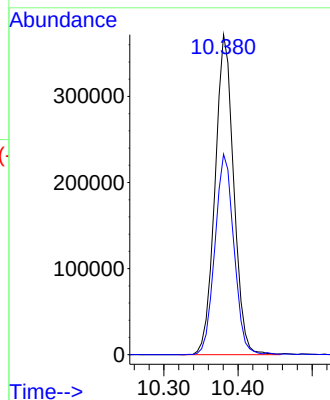
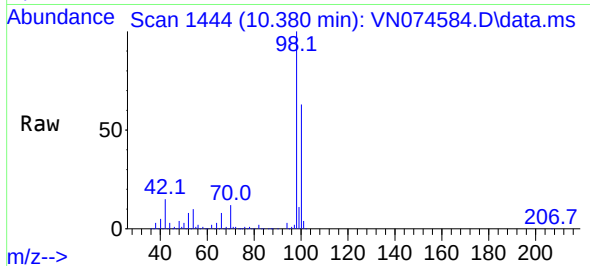




#50
Toluene-d8
Concen: 47.486 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

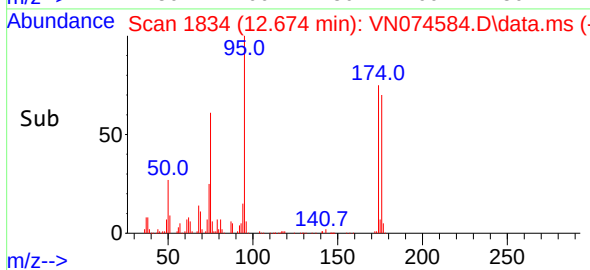
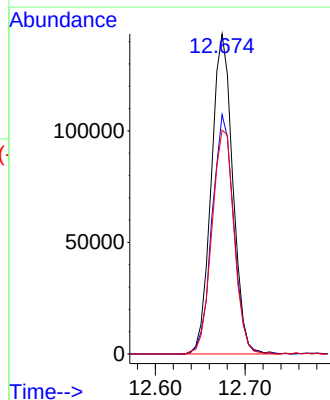
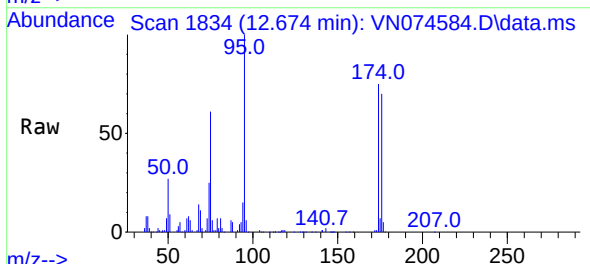
Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

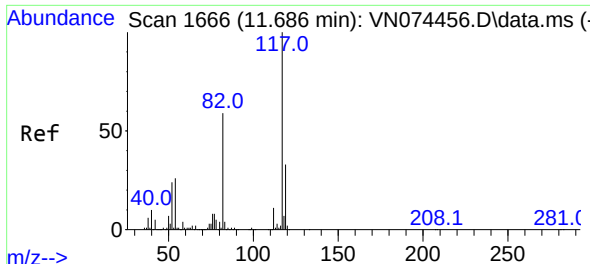
Tgt Ion: 98 Resp: 650466
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.746 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion: 95 Resp: 238074
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 72.2 0.0 163.4

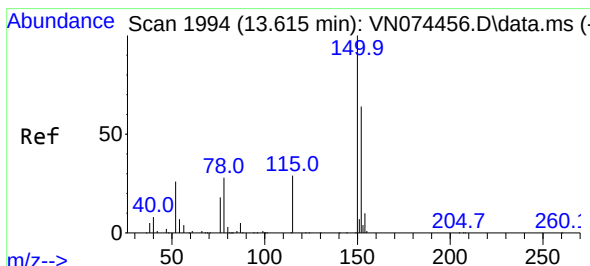
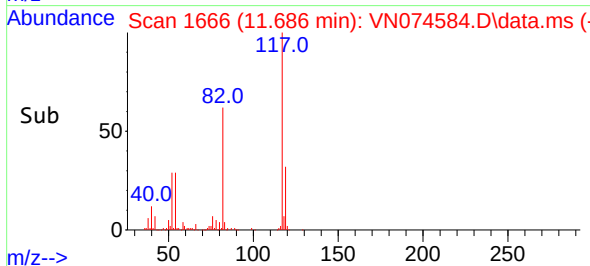
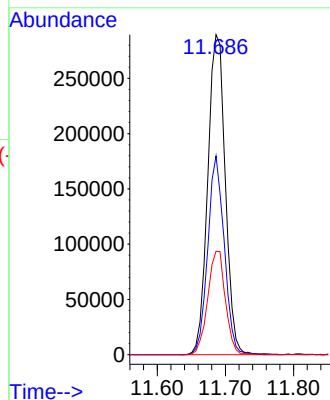
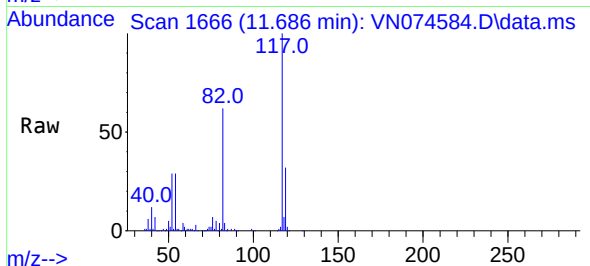




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

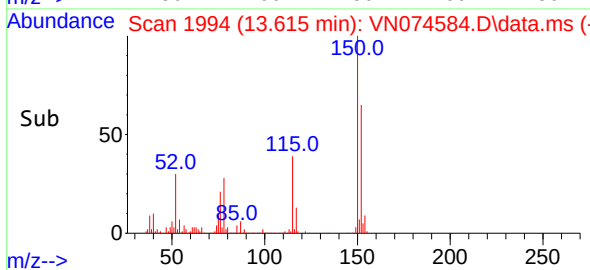
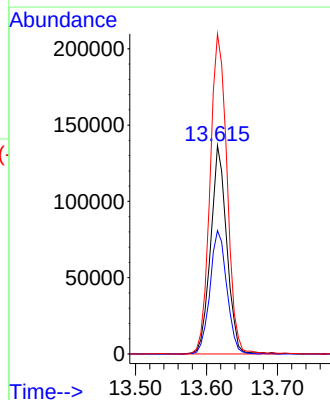
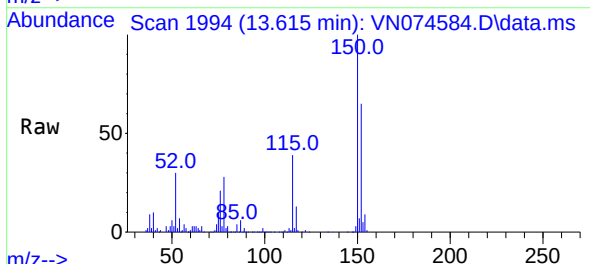
Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

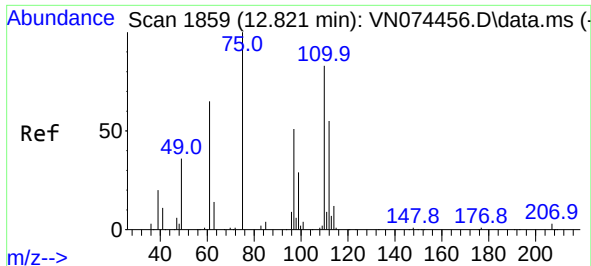
Tgt Ion:	117	Resp:	518964
Ion	Ratio	Lower	Upper
117	100		
82	62.1	44.2	66.2
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion:	152	Resp:	216246
Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.9	86.7
150	160.8	0.0	356.2

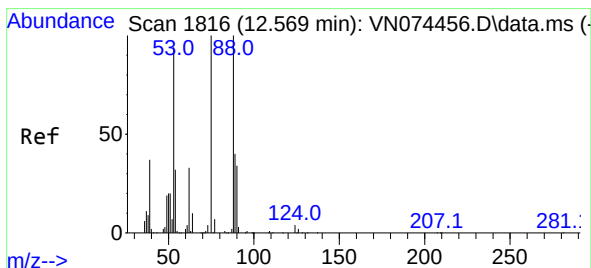
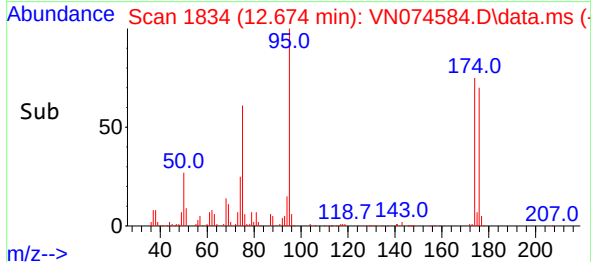
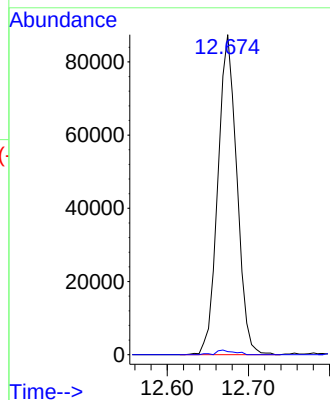
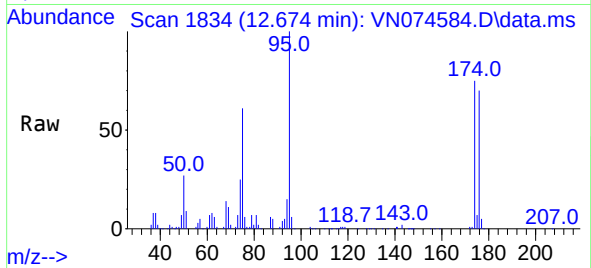




#76
1,2,3-Trichloropropane
Concen: 21.362 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

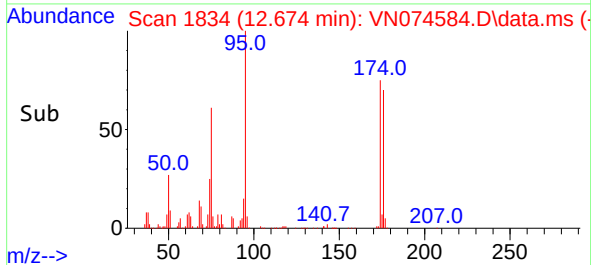
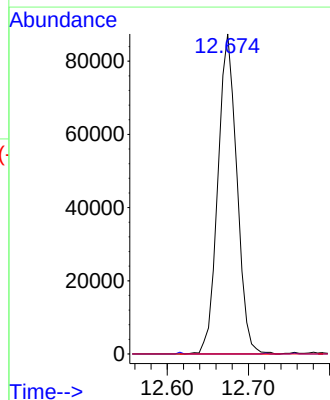
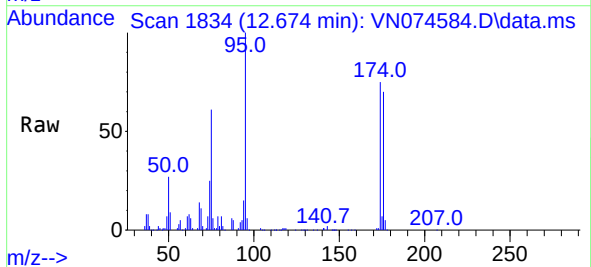
Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

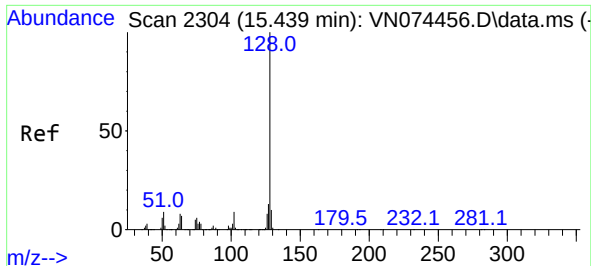
Tgt Ion: 75 Resp: 142187
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.105 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion: 75 Resp: 142187
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

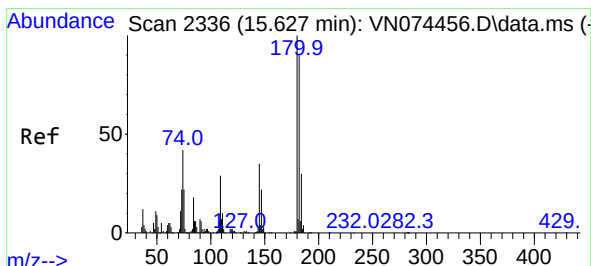
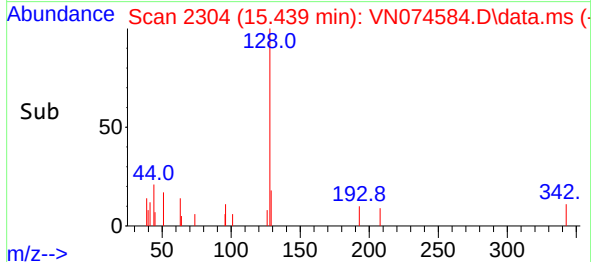
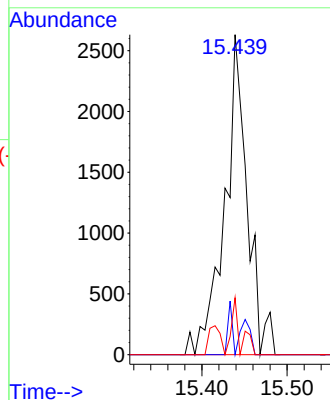
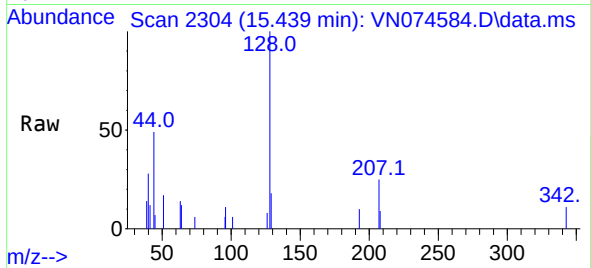




#95
Naphthalene
Concen: 1.843 ug/l
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
EFF-0907

Tgt Ion:128 Resp: 4850
Ion Ratio Lower Upper
128 100
127 3.2 10.3 15.5#
129 7.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.356 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074584.D
Acq: 19 Sep 2022 14:25

Tgt Ion:180 Resp: 87
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.5 46.5#

