

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074494.D
 Acq On : 16 Sep 2022 05:18
 Operator : JC\MD
 Sample : N4551-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 251032-1

Quant Time: Sep 16 07:02:22 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)

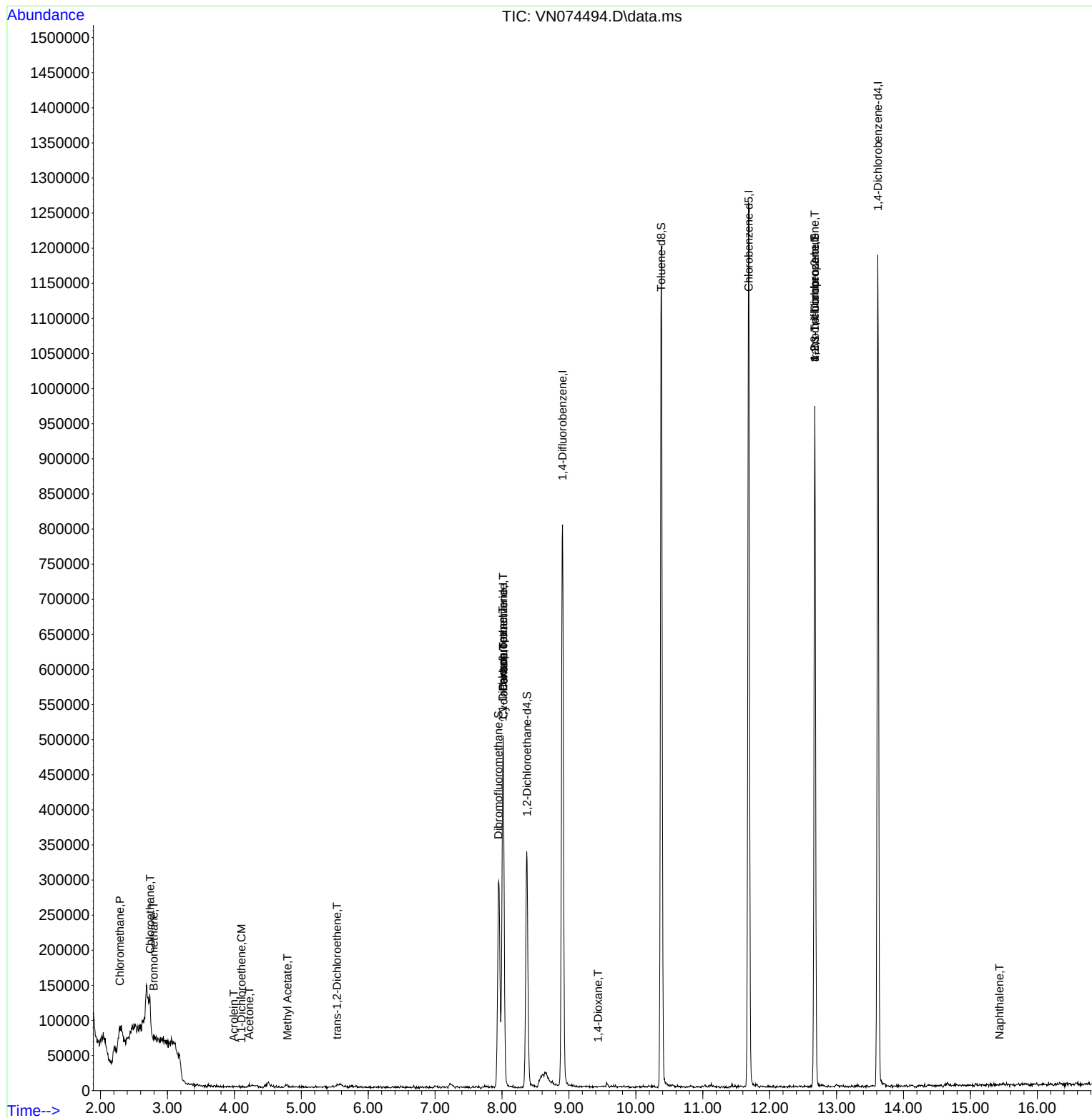
Internal Standards						
1) Pentafluorobenzene	8.016	168	353570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	670391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	652162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	276650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	254910	42.491	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	84.980%	
35) Dibromofluoromethane	7.945	113	211797	47.560	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.120%	
50) Toluene-d8	10.381	98	783117	45.471	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	90.940%	
62) 4-Bromofluorobenzene	12.674	95	296035	50.187	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.287	50	4214	0.906	ug/l #	63
5) Bromomethane	2.793	94	1154	0.316	ug/l #	2
6) Chloroethane	2.740	64	19813	4.188	ug/l #	44
12) 1,1-Dichloroethene	4.104	96	434	0.776	ug/l #	1
13) Acrolein	3.993	56	360	0.504	ug/l #	1
16) Acetone	4.222	43	3449	0.898	ug/l #	83
18) Methyl Acetate	4.793	43	9982	0.837	ug/l #	65
21) trans-1,2-Dichloroethene	5.534	96	392	0.505	ug/l #	1
28) Bromochloromethane	7.592	49	55	Below Cal	#	8
31) Cyclohexane	8.022	56	11315	1.063	ug/l #	34
36) 1,1-Dichloropropene	8.010	75	32977	4.184	ug/l #	49
38) Carbon Tetrachloride	8.016	117	37621	5.169	ug/l #	16
49) 1,4-Dioxane	9.434	88	56	0.345	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	177745	20.873	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	177745	45.051	ug/l #	10
95) Naphthalene	15.433	128	1464	1.649	ug/l #	69

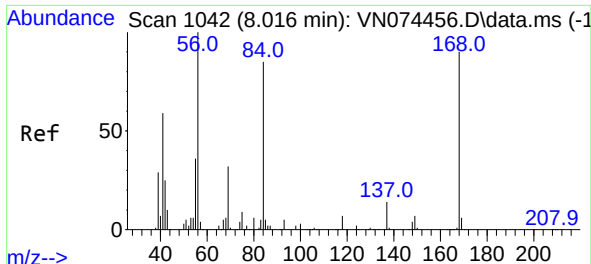
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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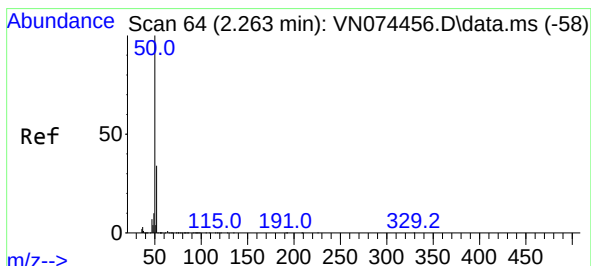
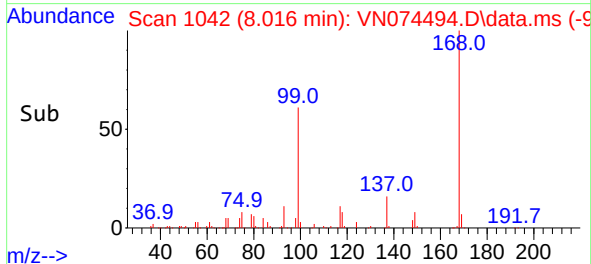
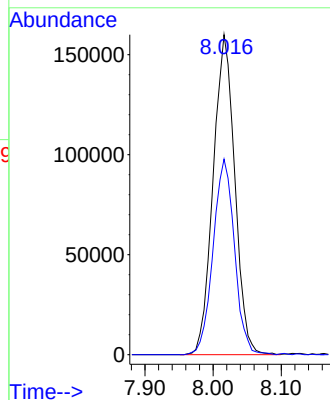
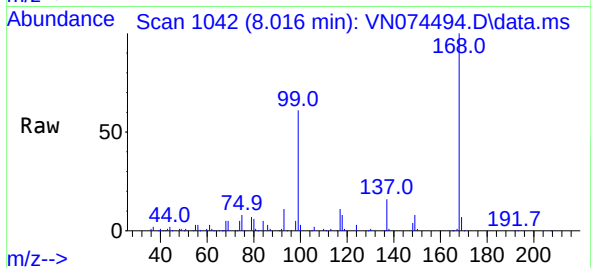




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

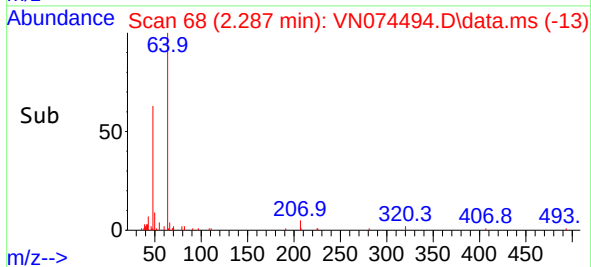
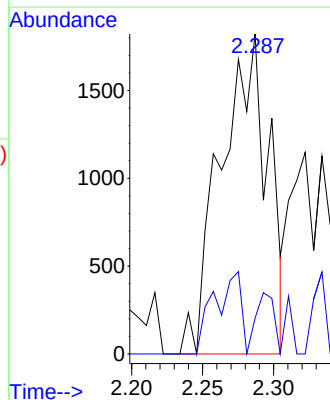
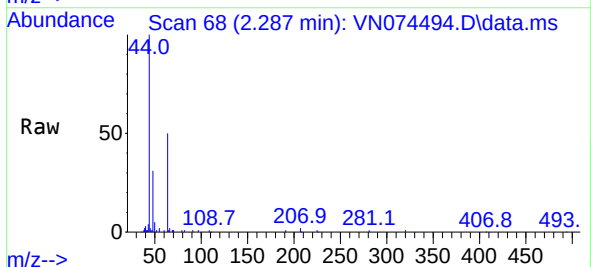
Instrument :
MSVOA_N
ClientSampleId :
251032-1

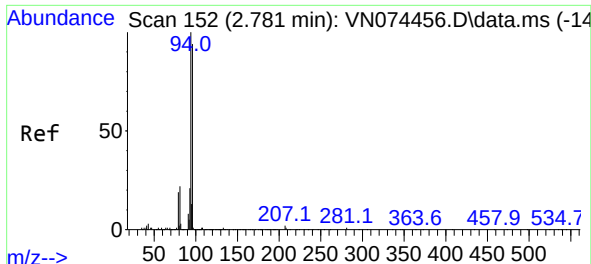
Tgt Ion:168 Resp: 353570
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: 0.906 ug/l
RT: 2.287 min Scan# 68
Delta R.T. 0.024 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion: 50 Resp: 4214
Ion Ratio Lower Upper
50 100
52 11.2 25.7 38.5#

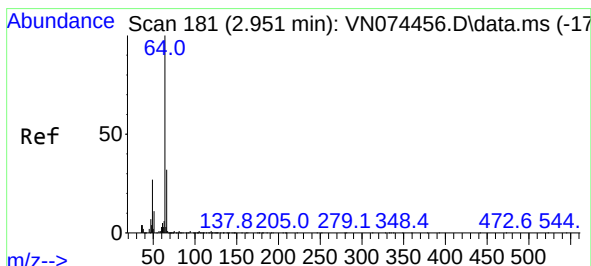
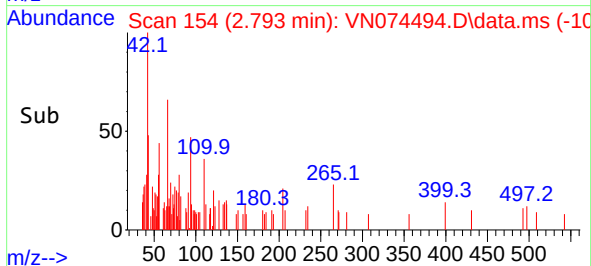
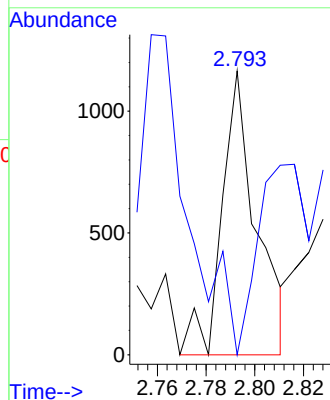
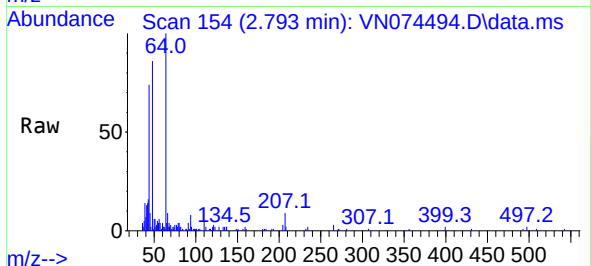




#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

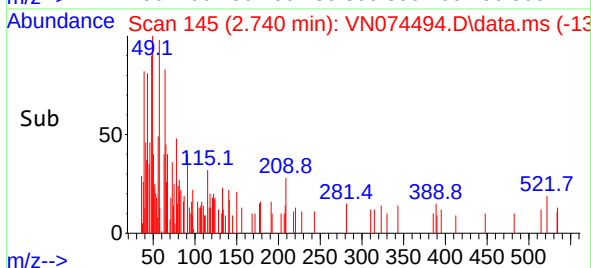
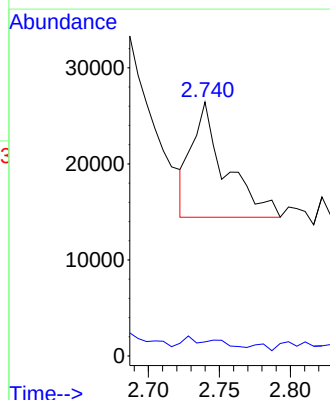
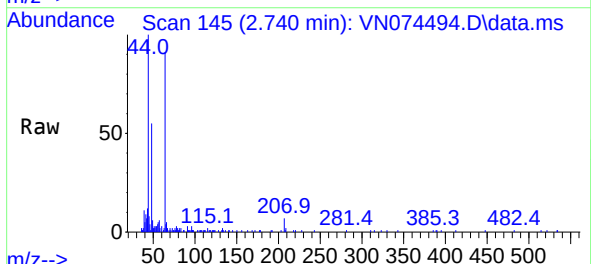
Instrument :
MSVOA_N
ClientSampleId :
251032-1

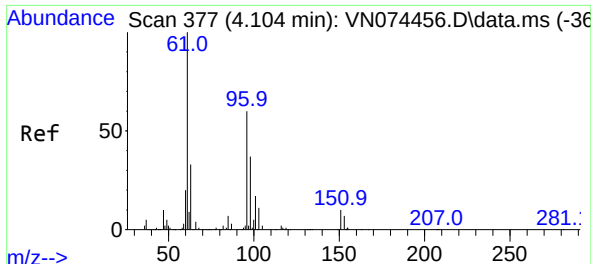
Tgt Ion: 94 Resp: 1154
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 4.188 ug/l
RT: 2.740 min Scan# 145
Delta R.T. -0.211 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion: 64 Resp: 19813
Ion Ratio Lower Upper
64 100
66 1.4 26.2 39.4#

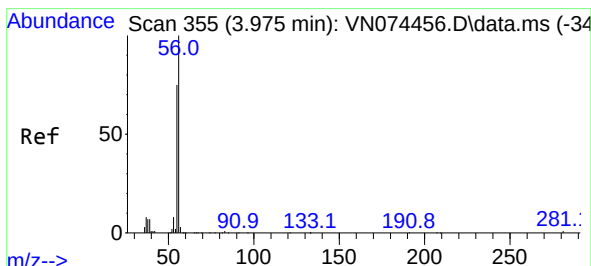
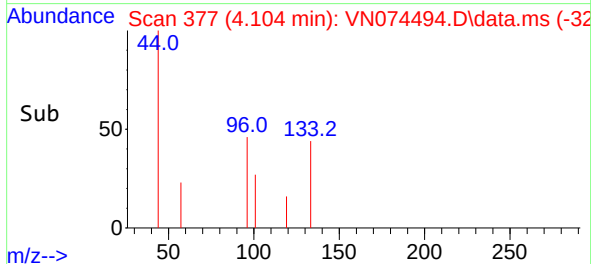
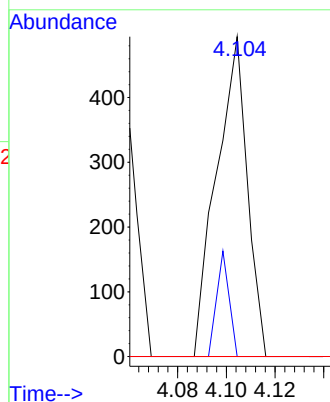
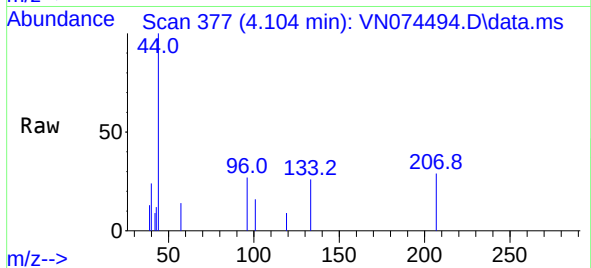




#12
1,1-Dichloroethene
Concen: 0.776 ug/l
RT: 4.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

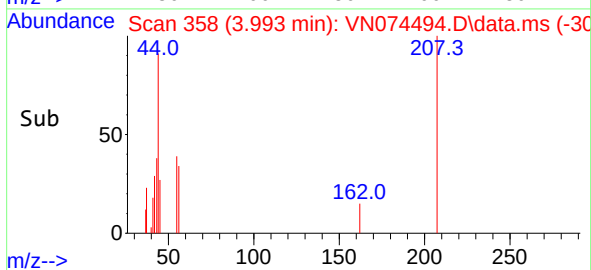
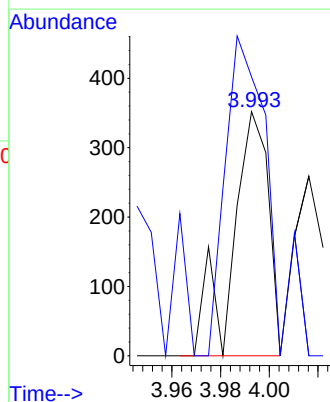
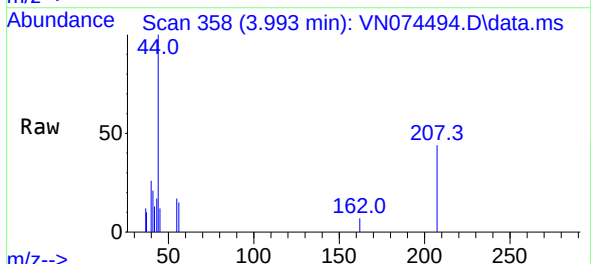
Instrument :
MSVOA_N
ClientSampleId :
251032-1

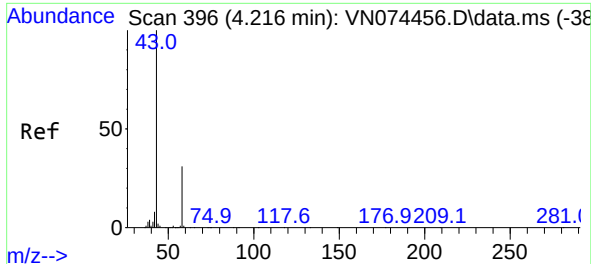
Tgt Ion: 96 Resp: 434
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.504 ug/l
RT: 3.993 min Scan# 358
Delta R.T. 0.018 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion: 56 Resp: 360
Ion Ratio Lower Upper
56 100
55 159.4 54.8 82.2#





#16

Acetone

Concen: 0.898 ug/l

RT: 4.222 min Scan# 397

Delta R.T. 0.006 min

Lab File: VN074494.D

Acq: 16 Sep 2022 05:18

Instrument :

MSVOA_N

ClientSampleId :

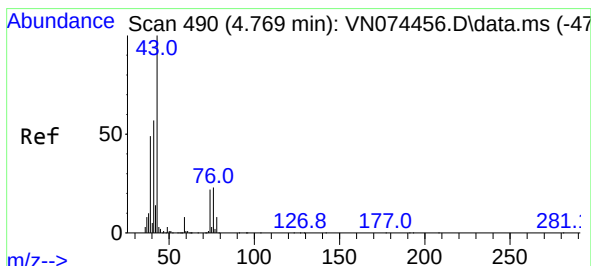
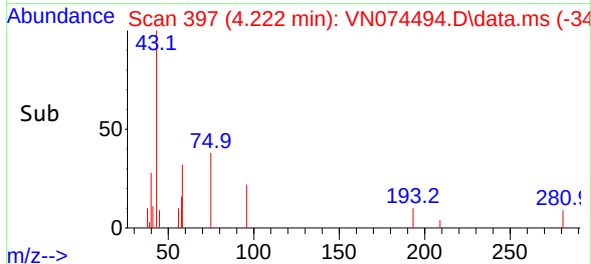
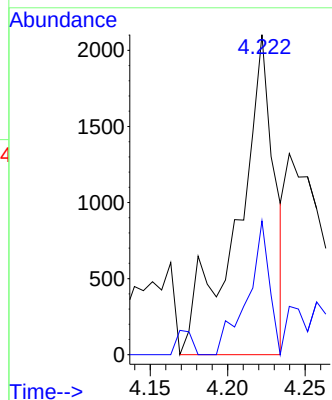
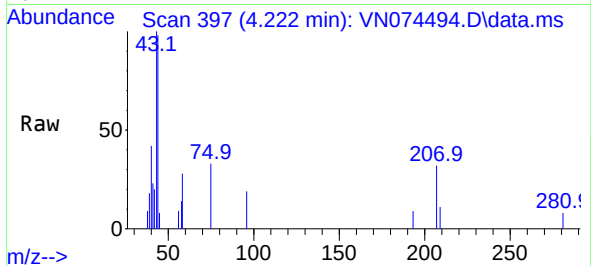
251032-1

Tgt Ion: 43 Resp: 3449

Ion Ratio Lower Upper

43 100

58 41.8 26.0 39.0#



#18

Methyl Acetate

Concen: 0.837 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.024 min

Lab File: VN074494.D

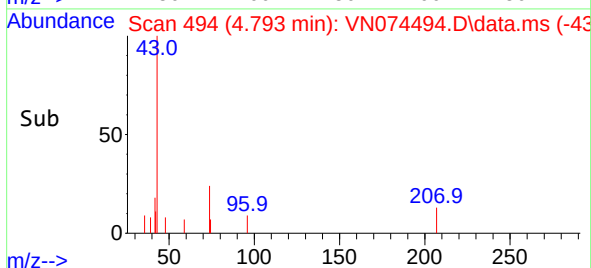
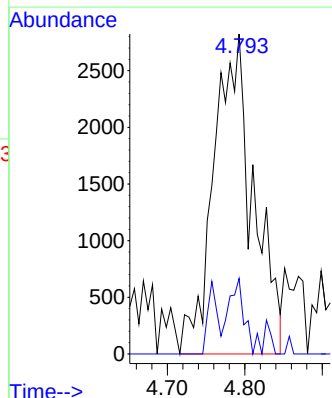
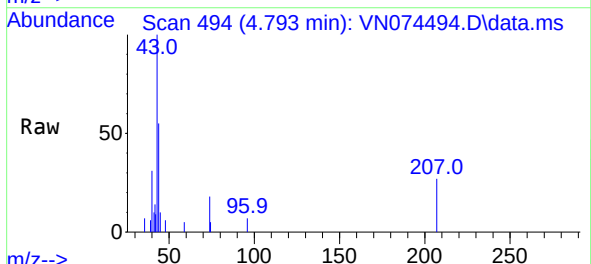
Acq: 16 Sep 2022 05:18

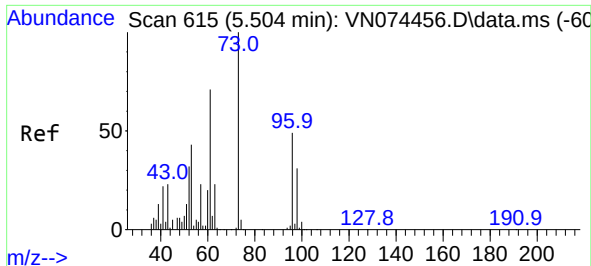
Tgt Ion: 43 Resp: 9982

Ion Ratio Lower Upper

43 100

74 9.0 21.6 32.4#

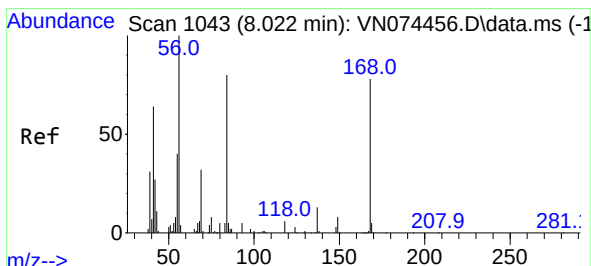
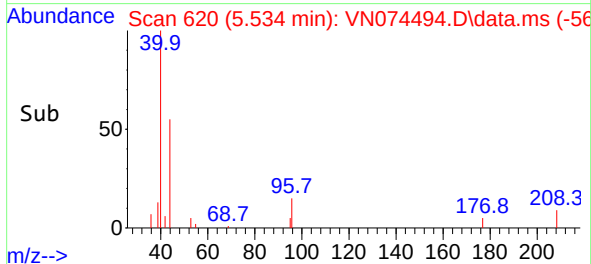
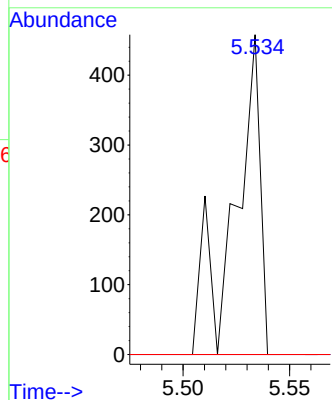
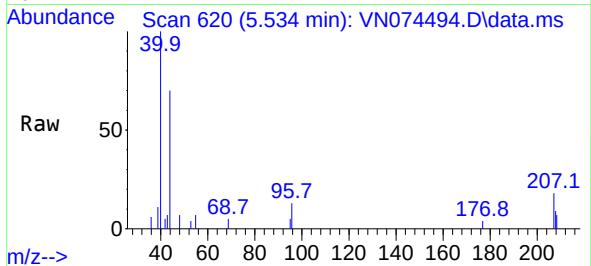




#21
trans-1,2-Dichloroethene
Concen: 0.505 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.030 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

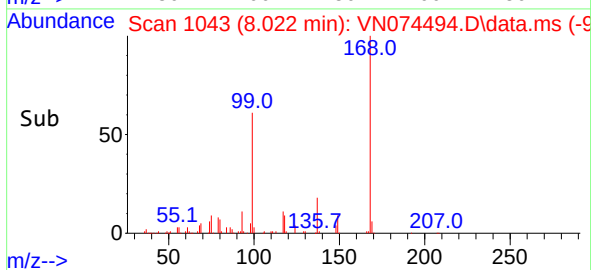
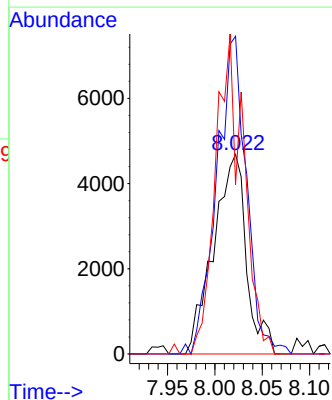
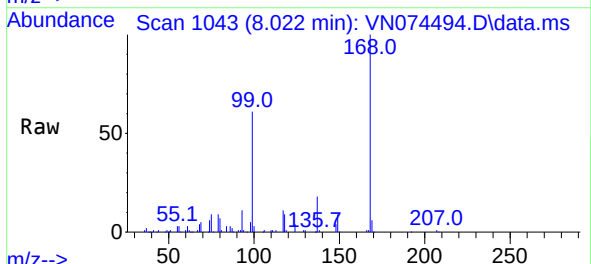
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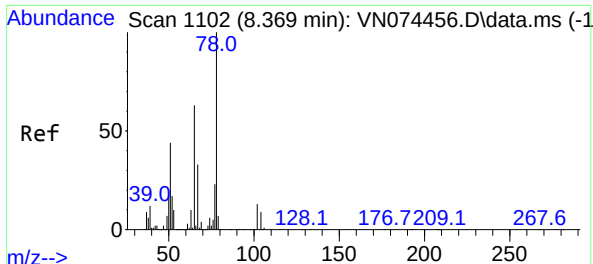
Tgt Ion: 96 Resp: 392
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion: 56 Resp: 11315
Ion Ratio Lower Upper
56 100
69 159.3 27.8 41.8#
84 84.9 76.9 115.3

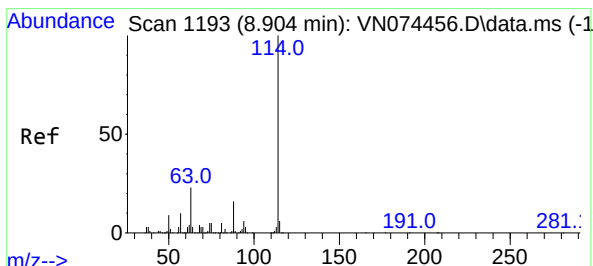
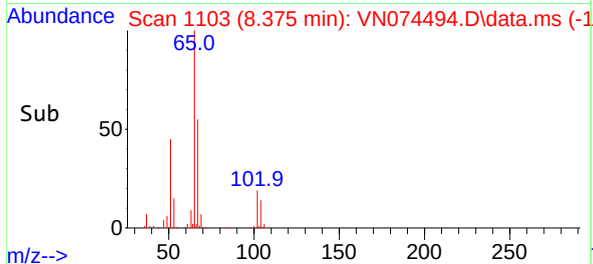
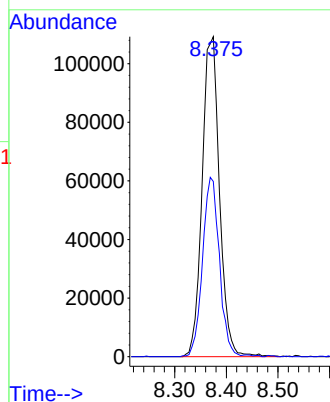
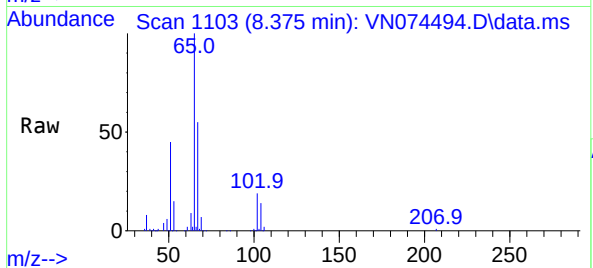




#33
1,2-Dichloroethane-d4
Concen: 42.491 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

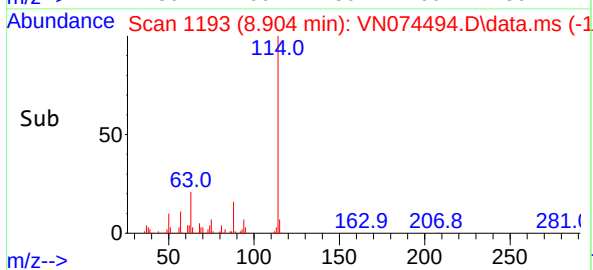
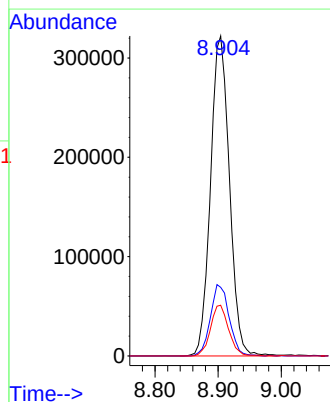
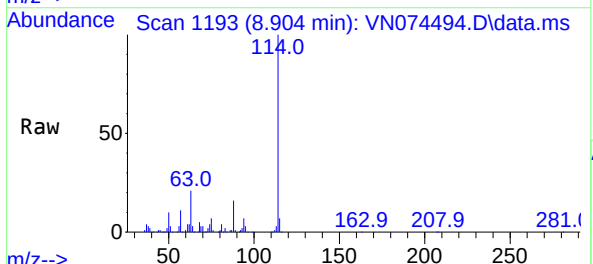
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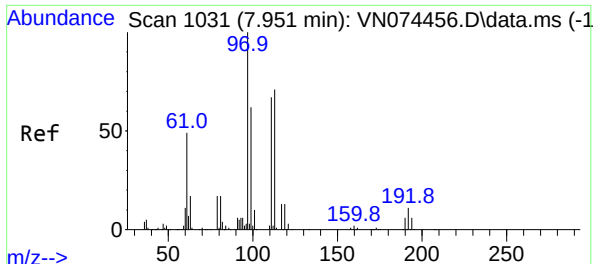
Tgt Ion: 65 Resp: 254910
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion:114 Resp: 670391
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.9 0.0 32.6

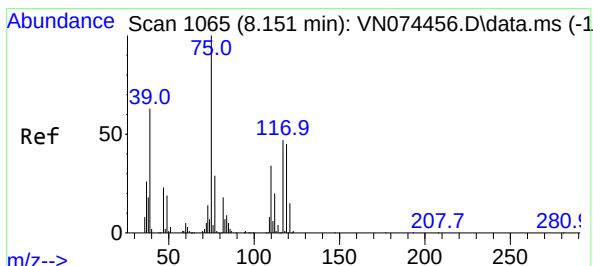
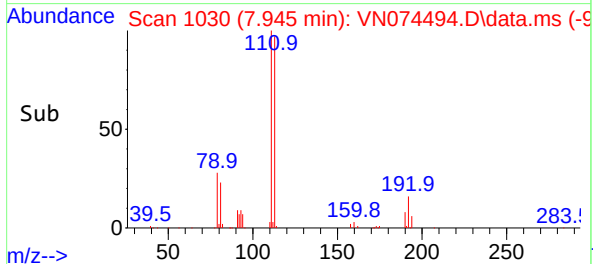
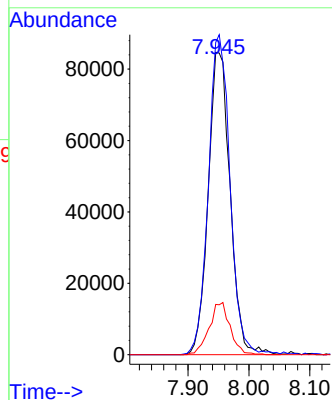
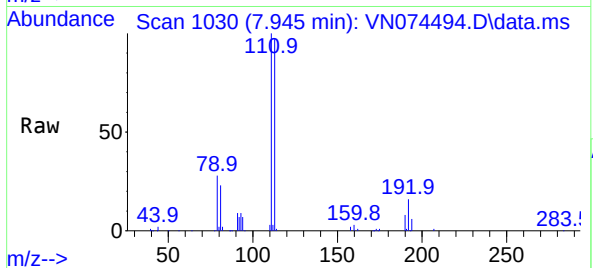




#35
Dibromofluoromethane
Concen: 47.560 ug/l
RT: 7.945 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

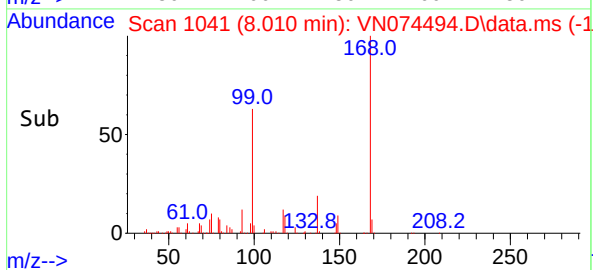
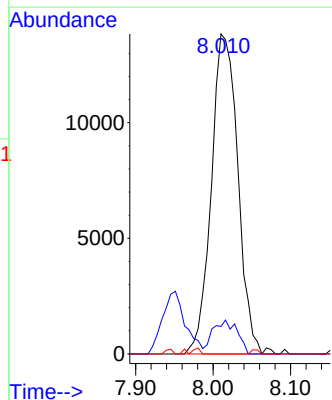
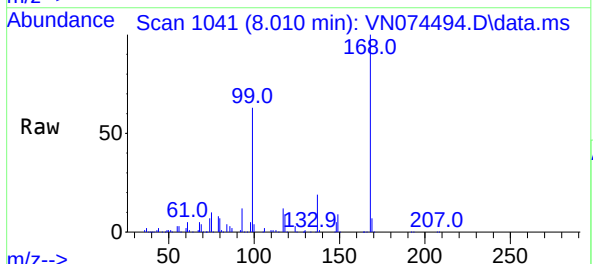
Instrument :
MSVOA_N
ClientSampleId :
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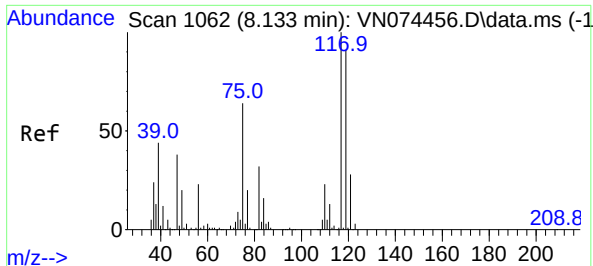
Tgt Ion:113 Resp: 211797
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 16.5 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion: 75 Resp: 32977
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 25.1 37.7#

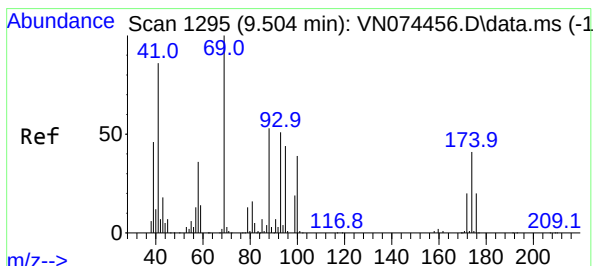
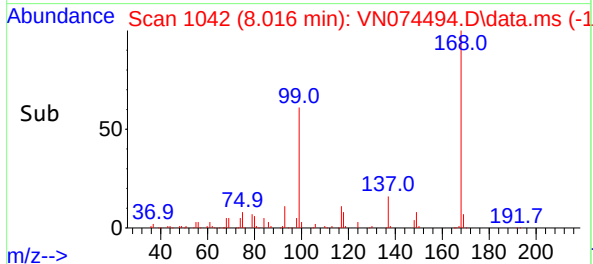
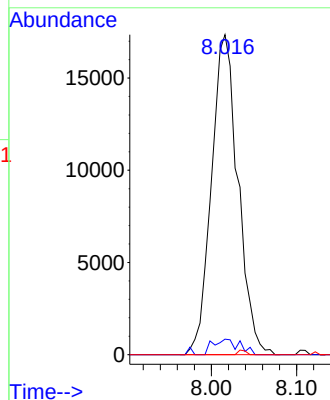
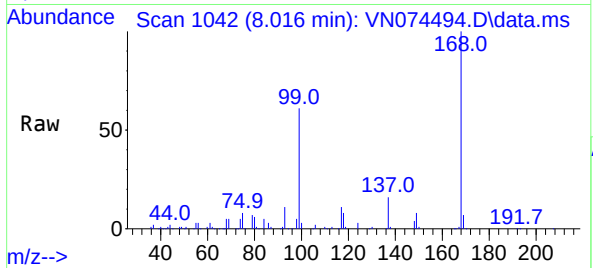




#38
Carbon Tetrachloride
Concen: 5.169 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

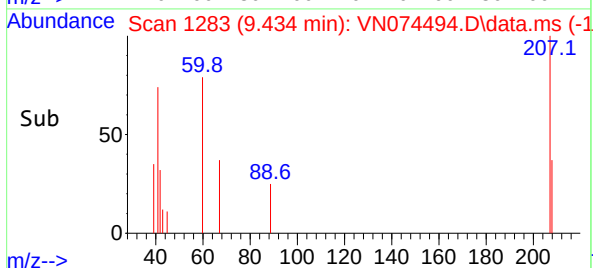
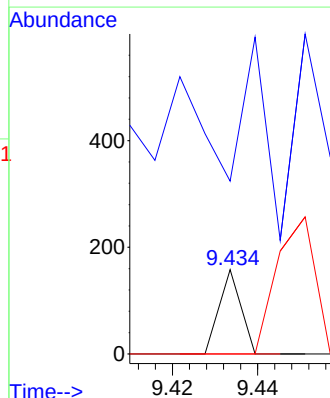
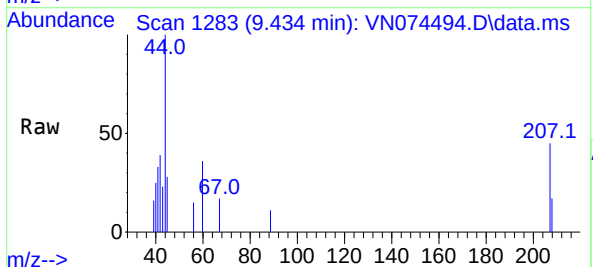
Instrument :
MSVOA_N
ClientSampleId :
251032-1

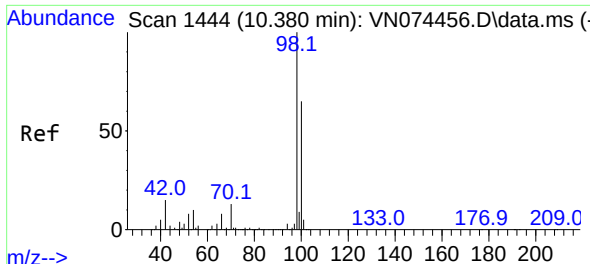
Tgt Ion:117 Resp: 37621
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.345 ug/l
RT: 9.434 min Scan# 1283
Delta R.T. -0.070 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 764.3 20.2 30.4#
58 387.5 54.2 81.4#

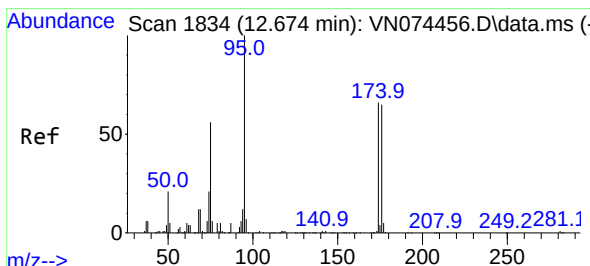
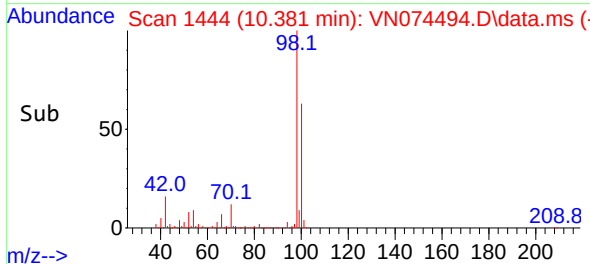
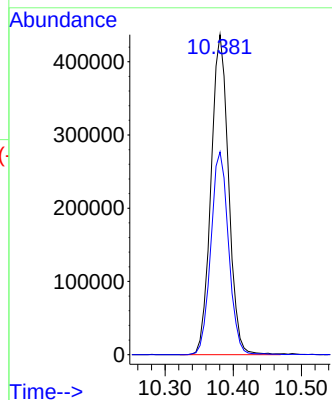
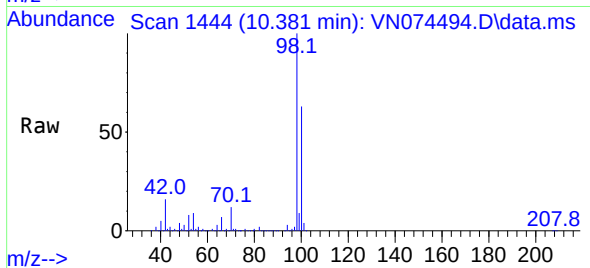




#50
Toluene-d8
Concen: 45.471 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

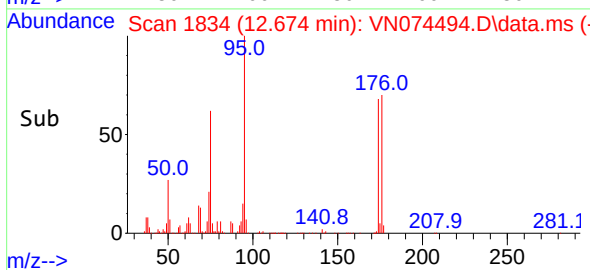
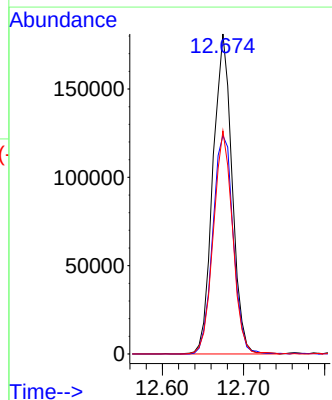
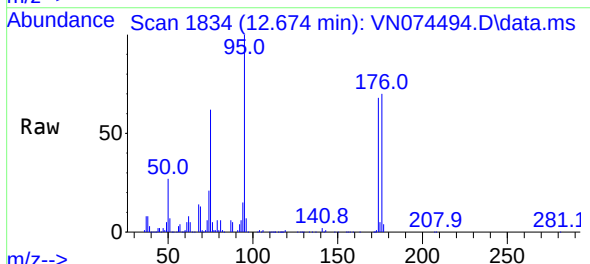
Instrument :
MSVOA_N
ClientSampleId :
251032-1

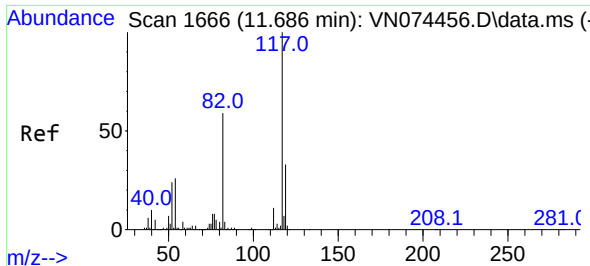
Tgt Ion: 98 Resp: 783117
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.187 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion: 95 Resp: 296035
Ion Ratio Lower Upper
95 100
174 73.1 0.0 167.6
176 70.0 0.0 163.4

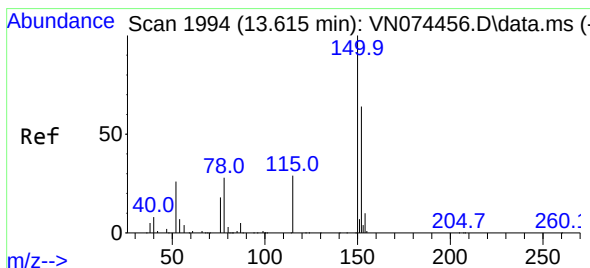
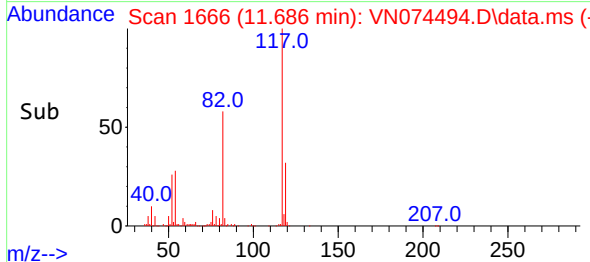
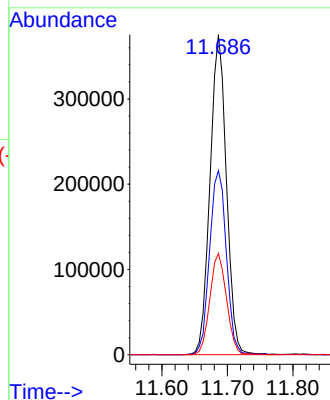
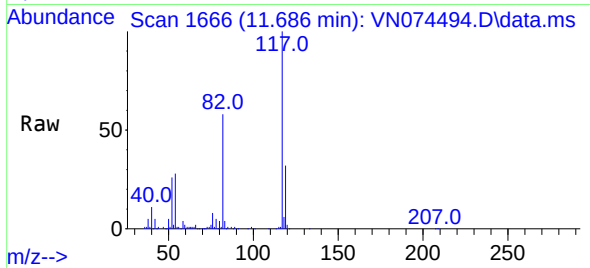




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

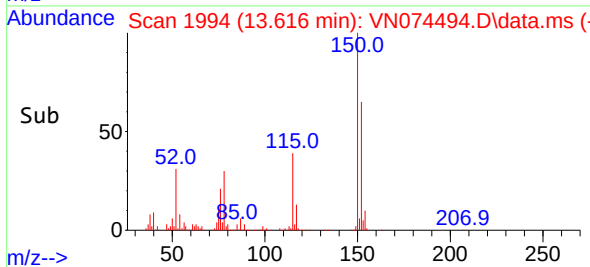
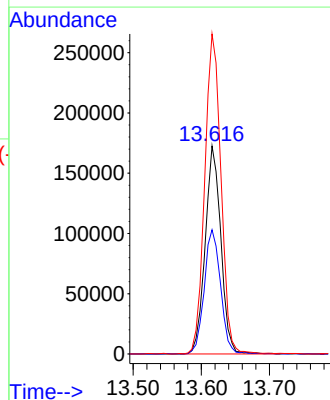
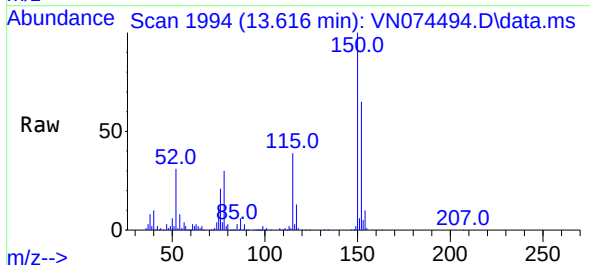
Instrument :
MSVOA_N
ClientSampleId :
251032-1

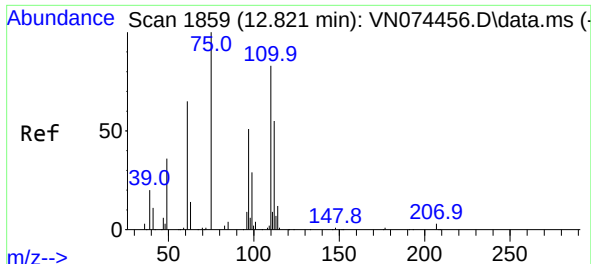
Tgt Ion:117 Resp: 652162
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Tgt Ion:152 Resp: 276650
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 159.3 0.0 356.2

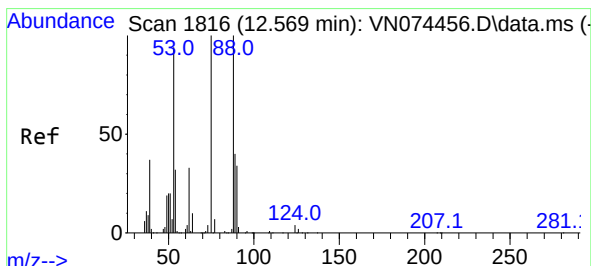
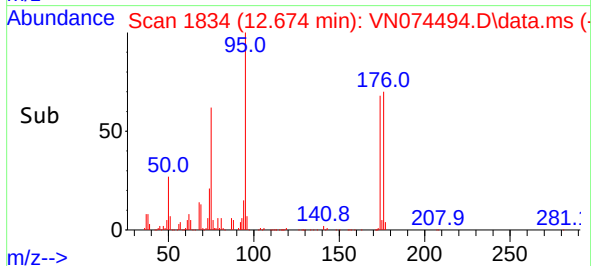
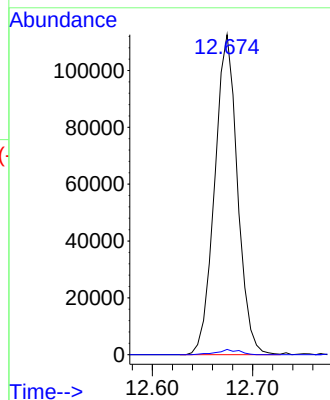
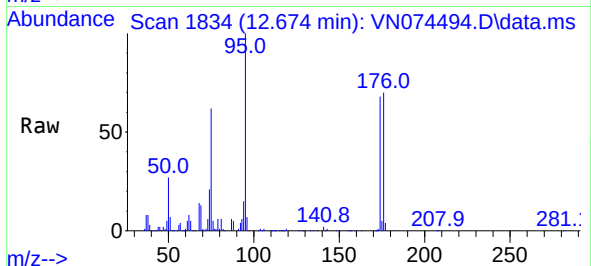




#76
1,2,3-Trichloropropane
Concen: 20.873 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

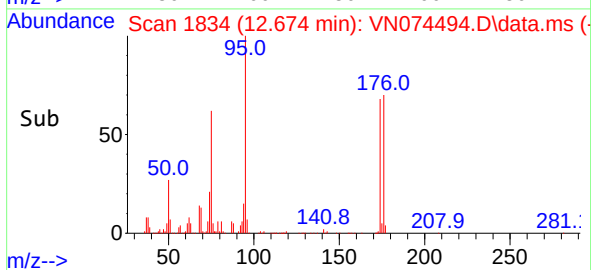
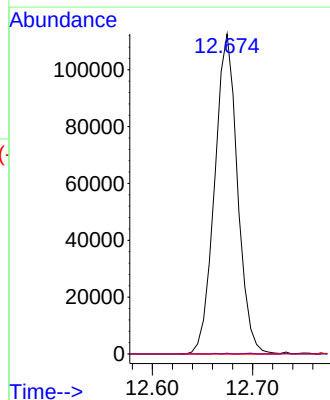
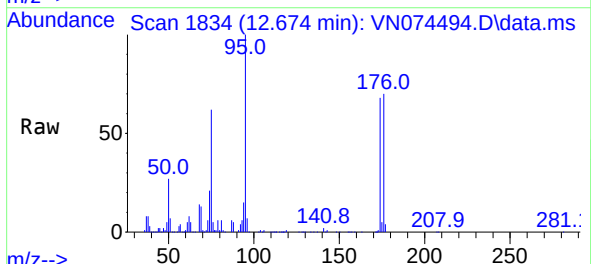
Instrument :
MSVOA_N
ClientSampleId :
251032-1

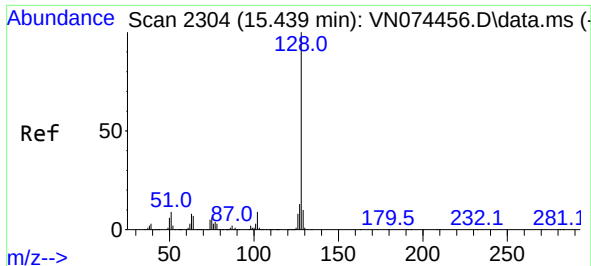
Tgt Ion: 75 Resp: 177745
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.051 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

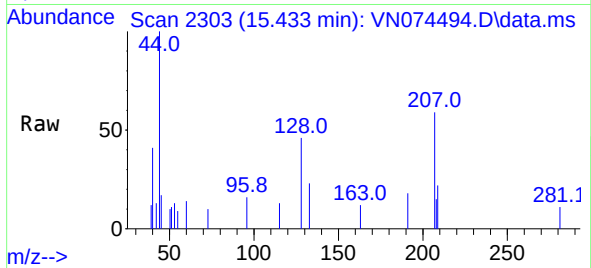
Tgt Ion: 75 Resp: 177745
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 1.649 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074494.D
Acq: 16 Sep 2022 05:18

Instrument :
MSVOA_N
ClientSampleId :
251032-1



Tgt Ion:128 Resp: 1464
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

