

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074495.D
 Acq On : 16 Sep 2022 05:42
 Operator : JC\MD
 Sample : N4551-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 251032-2

Quant Time: Sep 16 07:02:31 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)

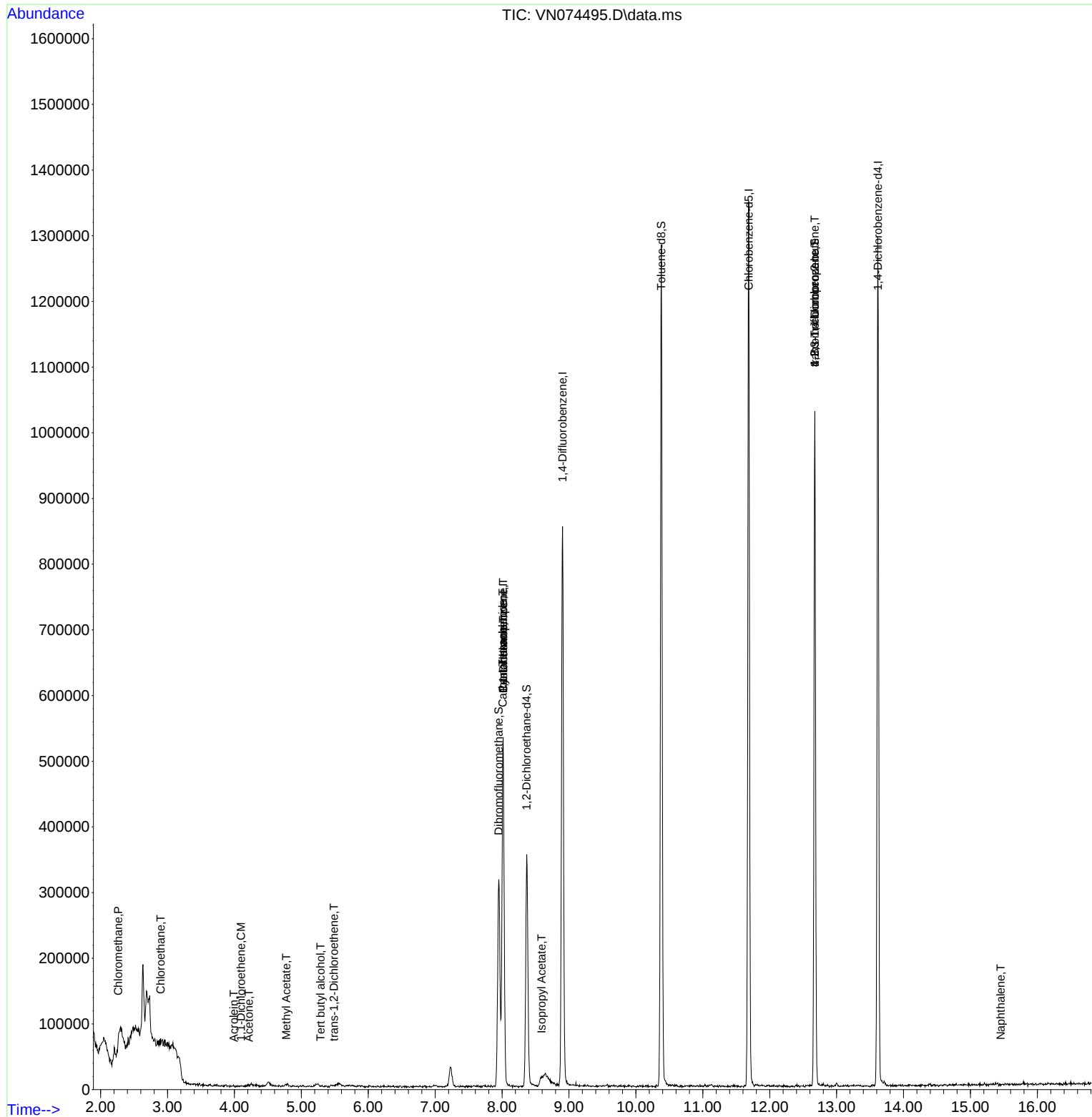
Internal Standards						
1) Pentafluorobenzene	8.016	168	370873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	732931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	694715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	304317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	269669	42.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.700%		
35) Dibromofluoromethane	7.951	113	228522	46.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	10.380	98	814011	43.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.460%		
62) 4-Bromofluorobenzene	12.674	95	315307	48.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.780%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	3971	0.840	ug/l #	82
6) Chloroethane	2.898	64	6399	1.289	ug/l #	66
11) Tert butyl alcohol	5.287	59	762	0.372	ug/l #	93
12) 1,1-Dichloroethene	4.098	96	412	0.768	ug/l #	6
13) Acrolein	3.993	56	715	0.955	ug/l #	48
16) Acetone	4.216	43	2490	0.618	ug/l #	77
18) Methyl Acetate	4.775	43	4504	0.360	ug/l #	75
21) trans-1,2-Dichloroethene	5.487	96	144	0.456	ug/l #	1
28) Bromochloromethane	7.581	49	53	Below Cal	#	8
31) Cyclohexane	8.016	56	12434	1.113	ug/l #	65
36) 1,1-Dichloropropene	8.016	75	37369	4.336	ug/l #	49
38) Carbon Tetrachloride	8.010	117	39571	4.973	ug/l #	16
43) Isopropyl Acetate	8.592	43	16237	0.779	ug/l #	54
76) 1,2,3-Trichloropropane	12.674	75	189642	20.246	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	189642	43.696	ug/l #	11
95) Naphthalene	15.451	128	679	1.614	ug/l #	73

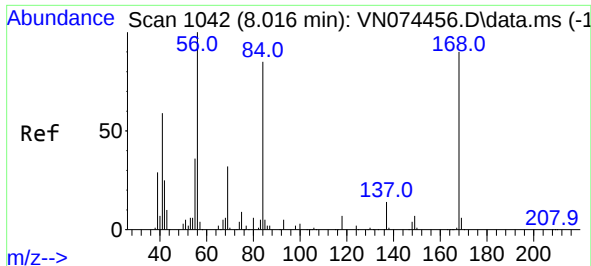
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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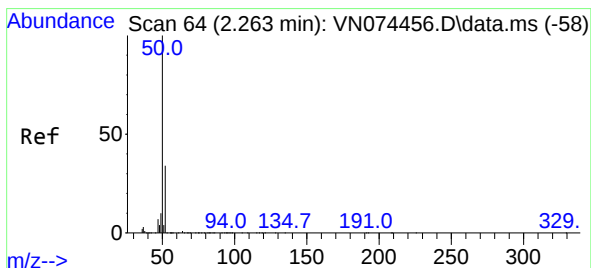
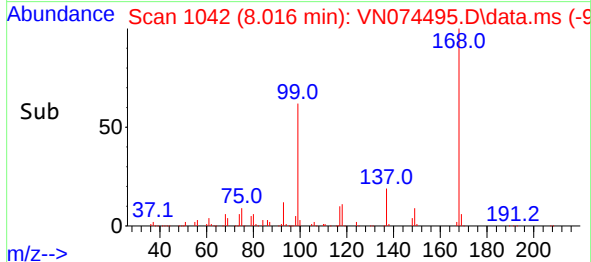
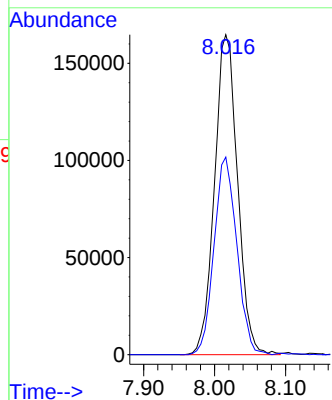
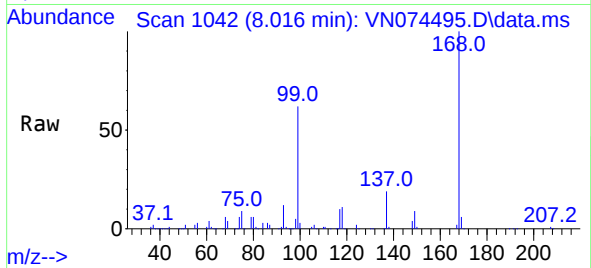




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

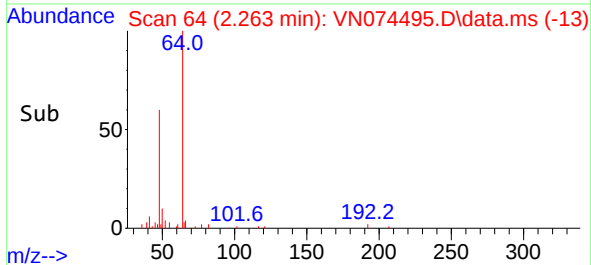
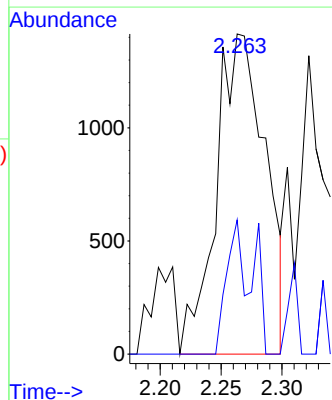
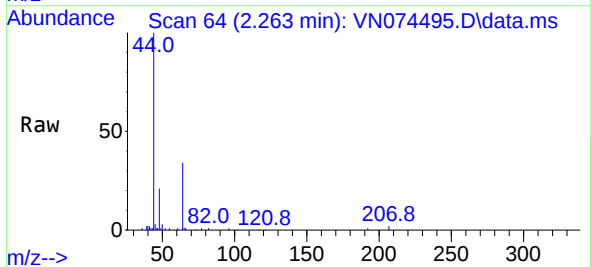
Instrument :
MSVOA_N
ClientSampleId :
251032-2

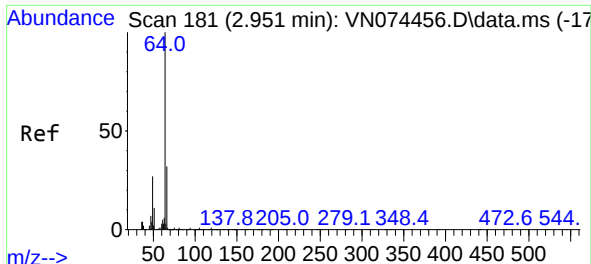
Tgt Ion:168 Resp: 370873
Ion Ratio Lower Upper
168 100
99 61.8 42.3 63.5



#3
Chloromethane
Concen: 0.840 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 50 Resp: 3971
Ion Ratio Lower Upper
50 100
52 41.9 25.7 38.5#

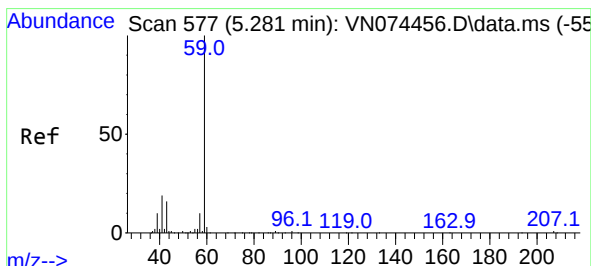
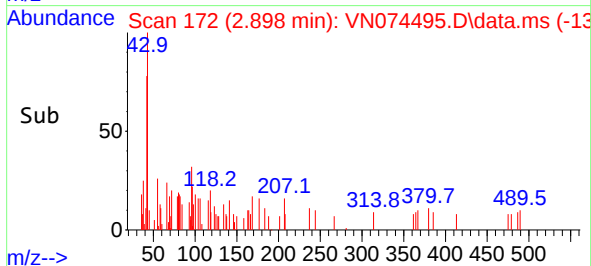
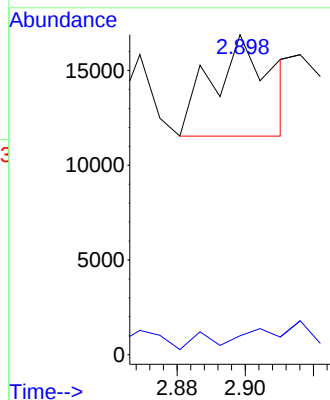
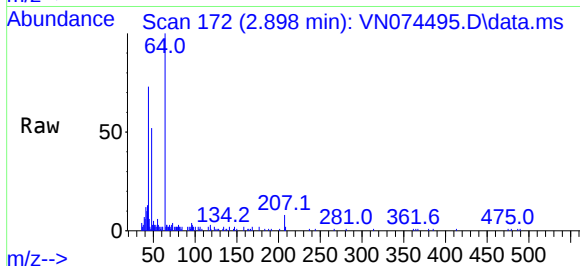




#6
Chloroethane
Concen: 1.289 ug/l
RT: 2.898 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

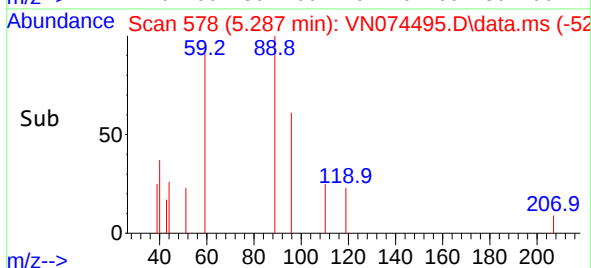
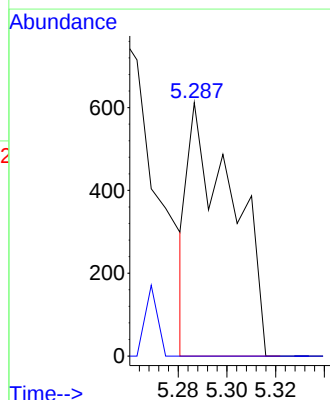
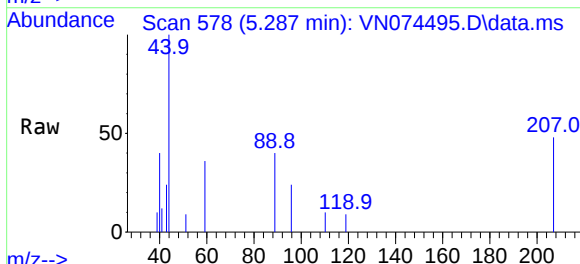
Instrument :
MSVOA_N
ClientSampleId :
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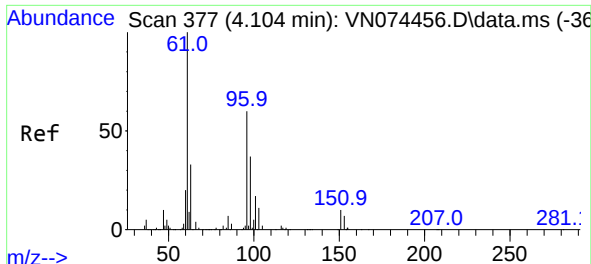
Tgt Ion: 64 Resp: 6399
Ion Ratio Lower Upper
64 100
66 13.5 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.372 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 59 Resp: 762
Ion Ratio Lower Upper
59 100
57 7.9 8.3 12.5#

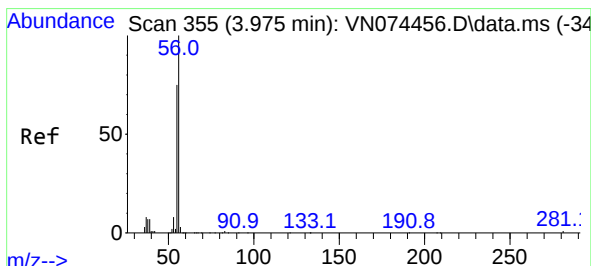
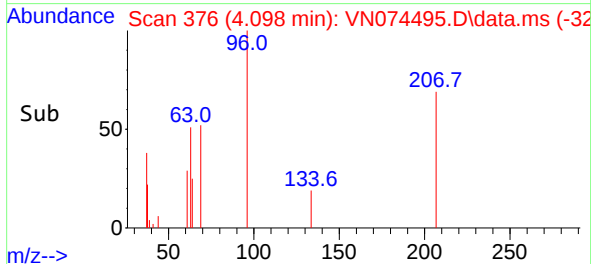
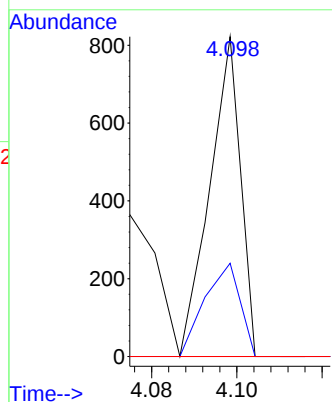
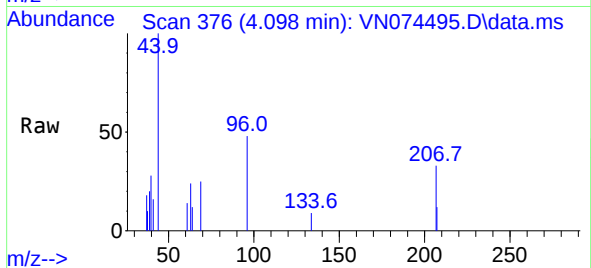




#12
1,1-Dichloroethene
Concen: 0.768 ug/l
RT: 4.098 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

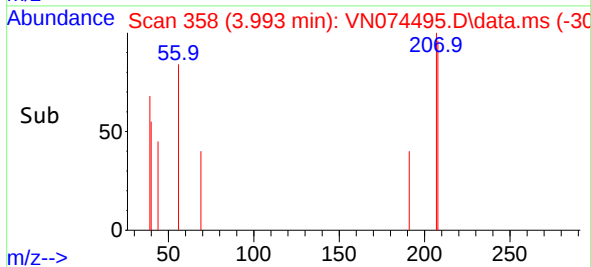
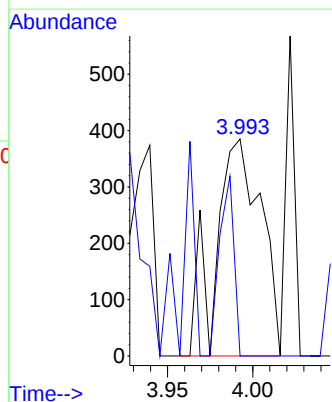
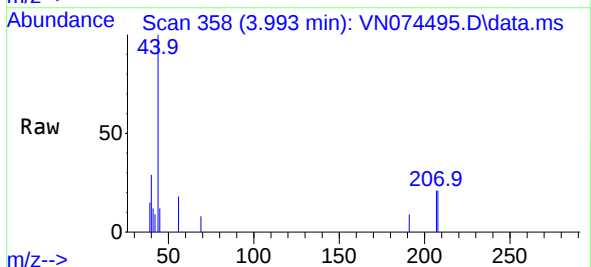
Instrument :
MSVOA_N
ClientSampleId :
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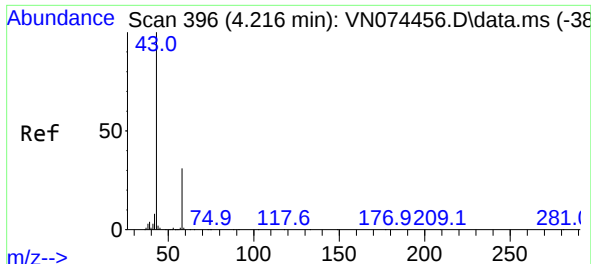
Tgt Ion: 96 Resp: 412
Ion Ratio Lower Upper
96 100
61 29.2 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.955 ug/l
RT: 3.993 min Scan# 358
Delta R.T. 0.018 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 56 Resp: 715
Ion Ratio Lower Upper
56 100
55 26.4 54.8 82.2#

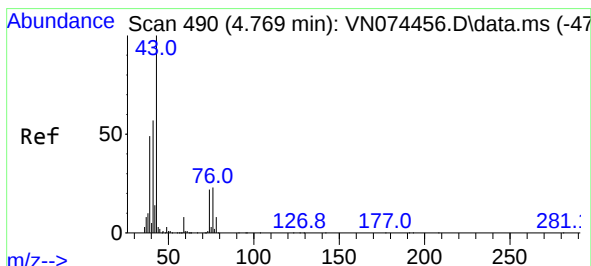
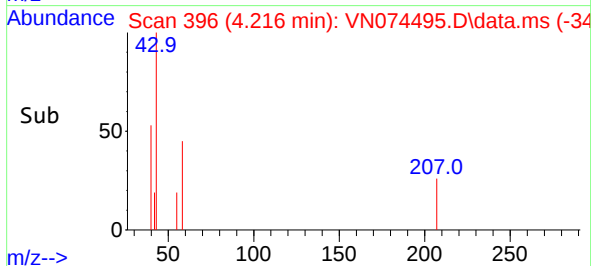
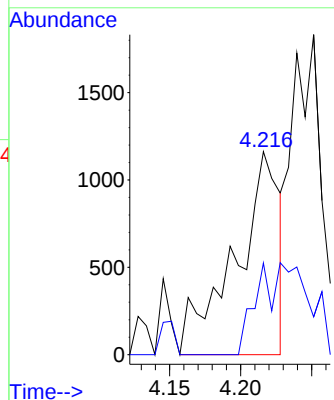
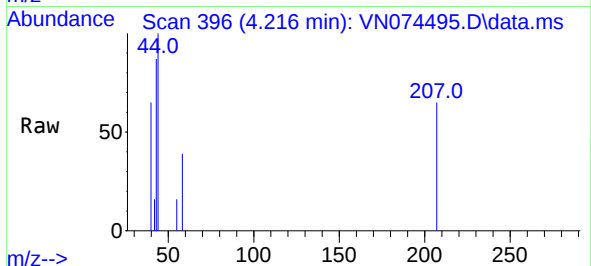




#16
Acetone
Concen: 0.618 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

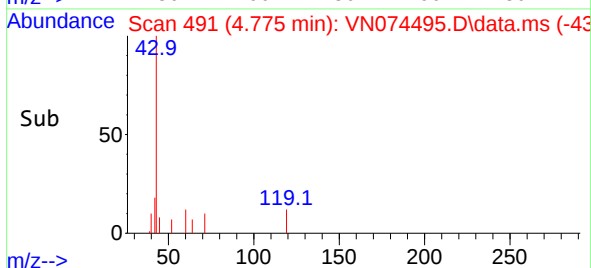
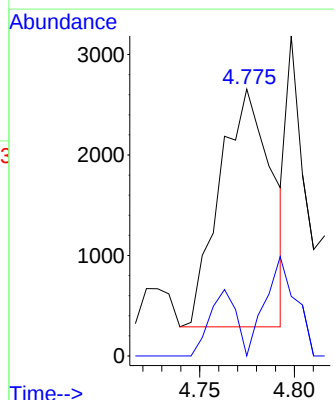
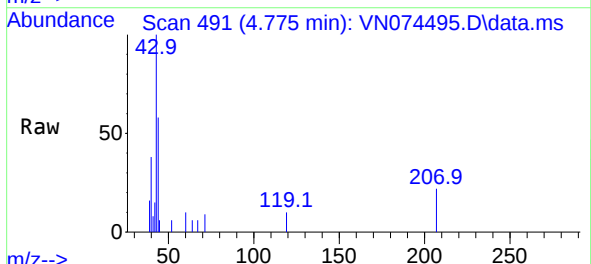
Instrument :
MSVOA_N
ClientSampleId :
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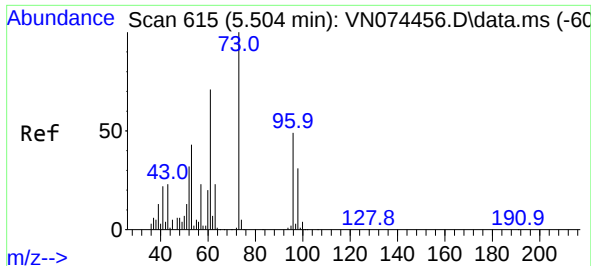
Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
58 45.2 26.0 39.0#



#18
Methyl Acetate
Concen: 0.360 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 43 Resp: 4504
Ion Ratio Lower Upper
43 100
74 14.1 21.6 32.4#

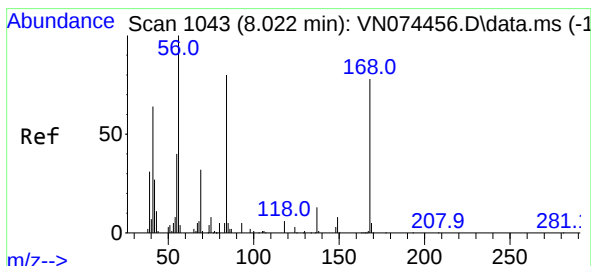
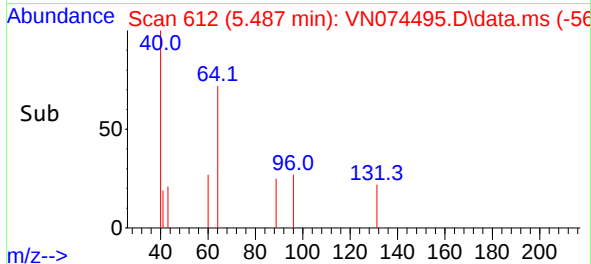
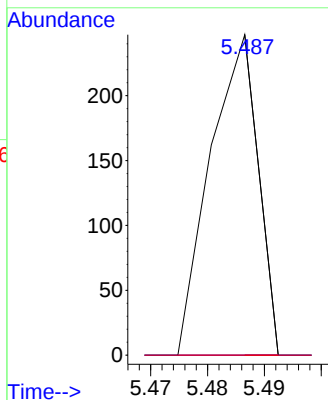
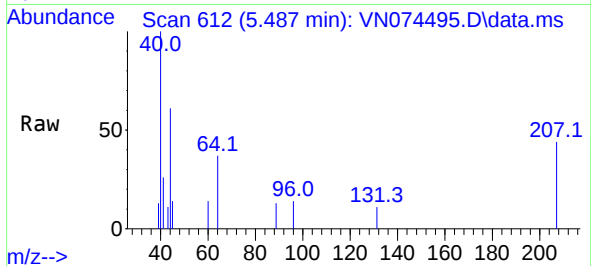




#21
trans-1,2-Dichloroethene
Concen: 0.456 ug/l
RT: 5.487 min Scan# 61
Delta R.T. -0.017 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

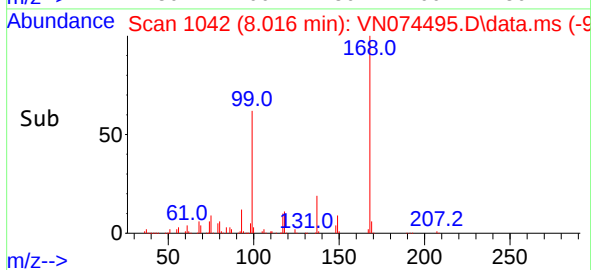
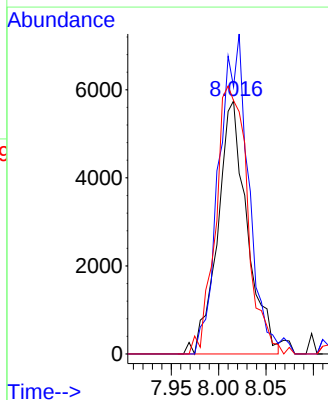
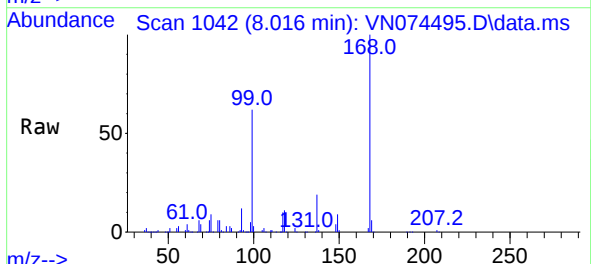
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ClientSampleId :
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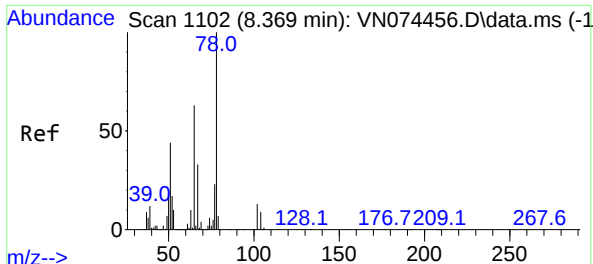
Tgt Ion: 96 Resp: 144
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 56 Resp: 12434
Ion Ratio Lower Upper
56 100
69 105.5 27.8 41.8#
84 100.1 76.9 115.3

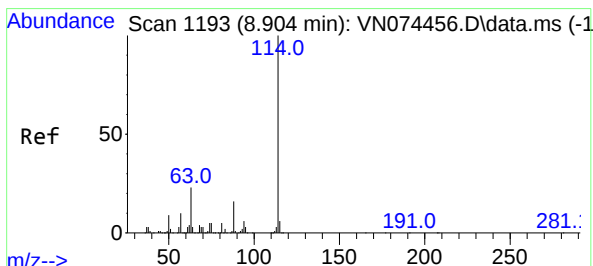
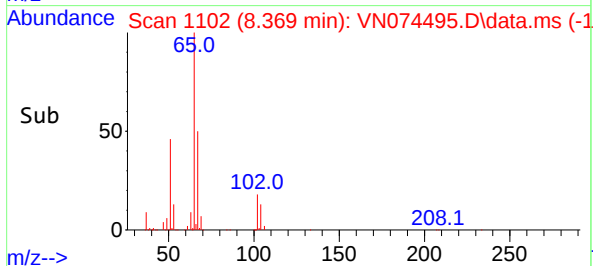
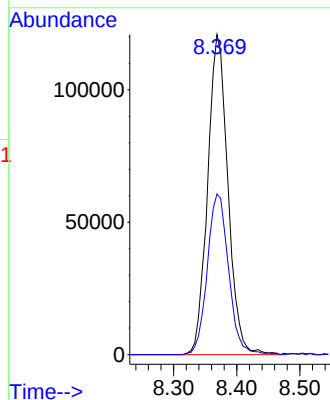
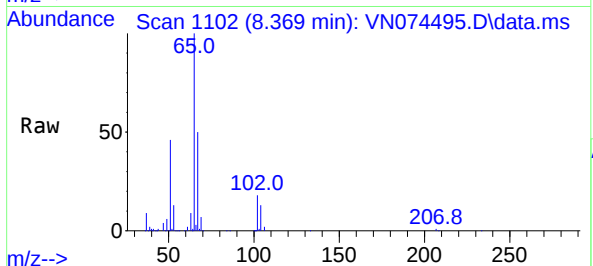




#33
1,2-Dichloroethane-d4
Concen: 42.854 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

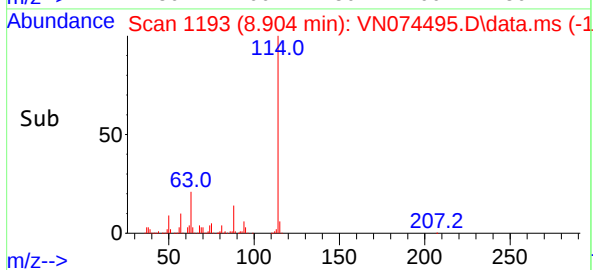
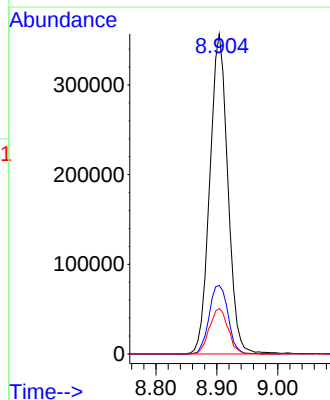
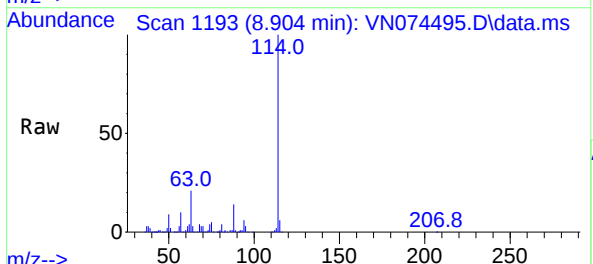
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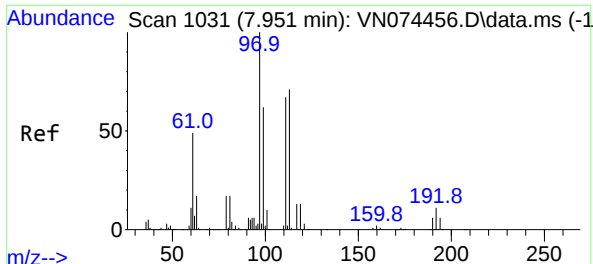
Tgt Ion: 65 Resp: 269669
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 114 Resp: 732931
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 14.2 0.0 32.6

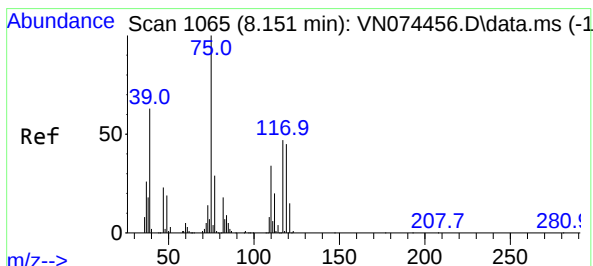
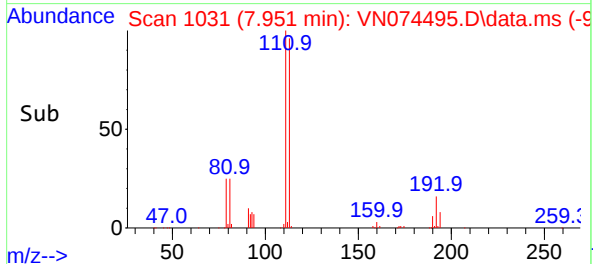
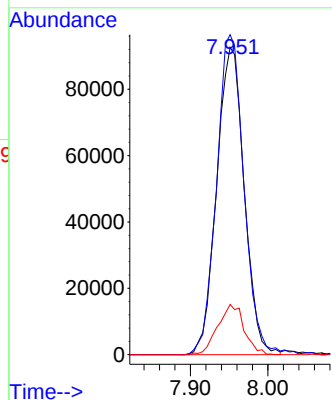
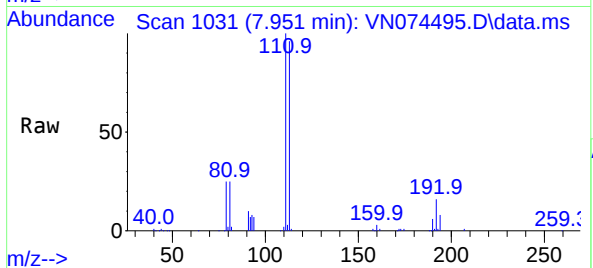




#35
Dibromofluoromethane
Concen: 46.937 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

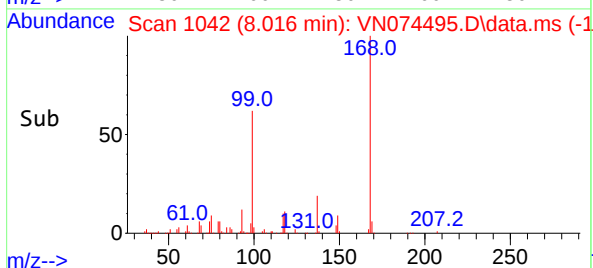
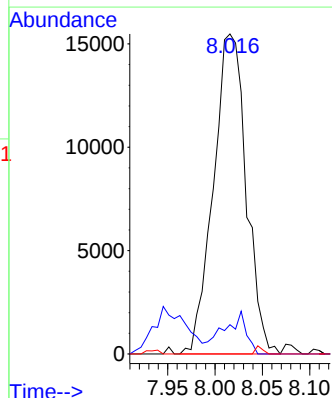
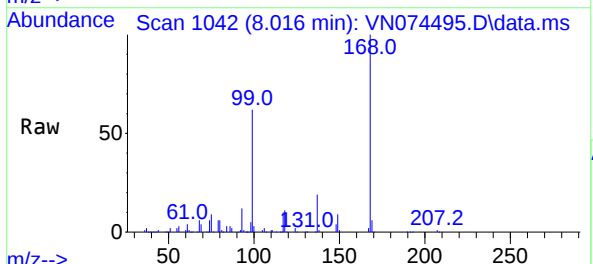
Instrument :
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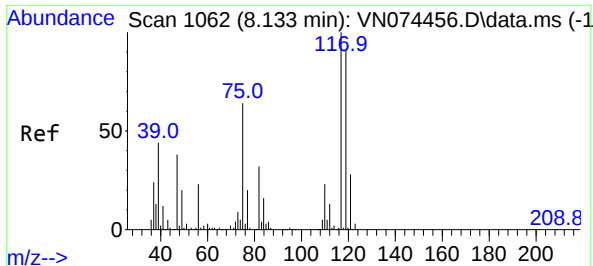
Tgt Ion:113 Resp: 228522
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 15.7 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.336 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 75 Resp: 37369
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#

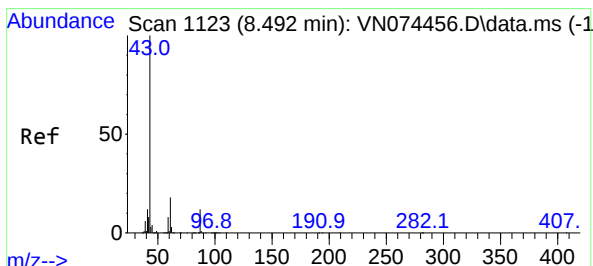
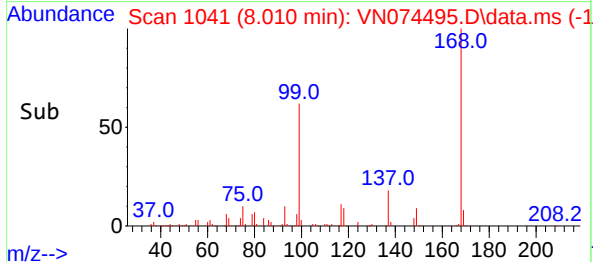
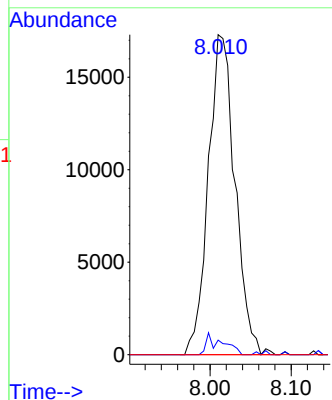
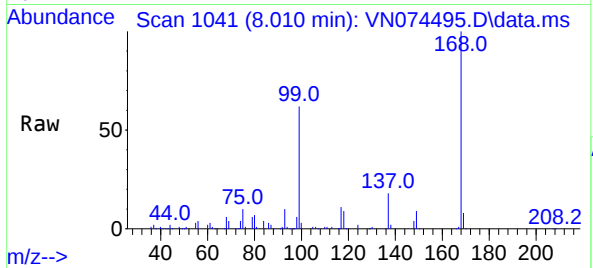




#38
Carbon Tetrachloride
Concen: 4.973 ug/l
RT: 8.010 min Scan# 1140
Delta R.T. -0.123 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

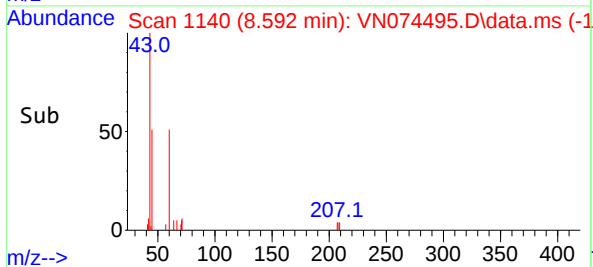
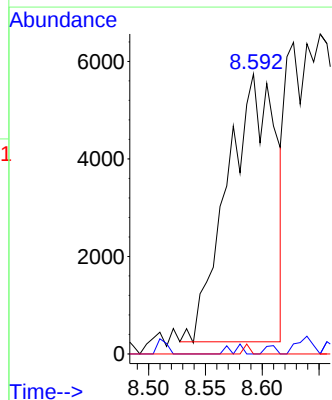
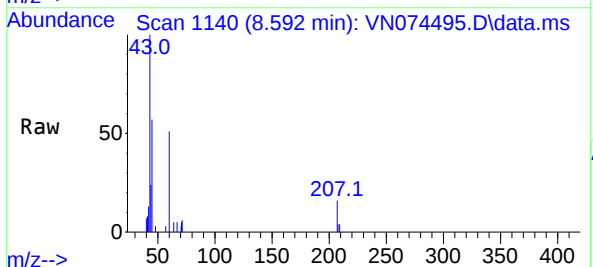
Instrument :
MSVOA_N
ClientSampleId :
251032-2

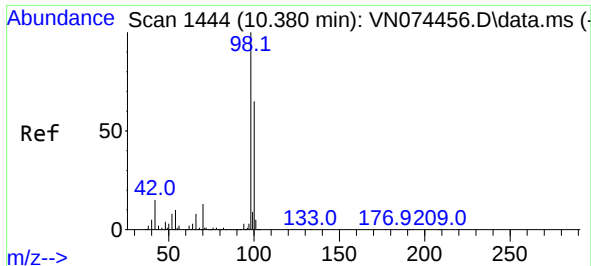
Tgt Ion:117 Resp: 39571
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.779 ug/l
RT: 8.592 min Scan# 1140
Delta R.T. 0.100 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 43 Resp: 16237
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.4 12.0 18.0#

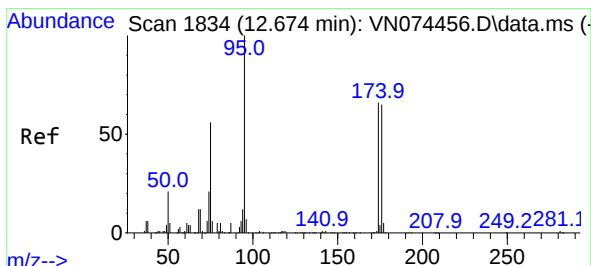
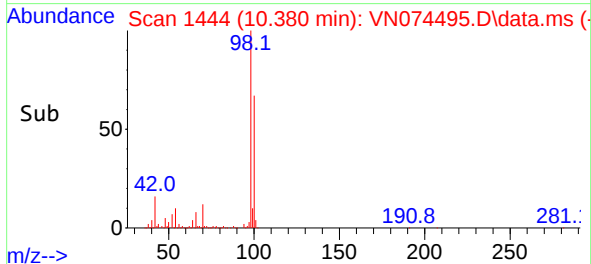
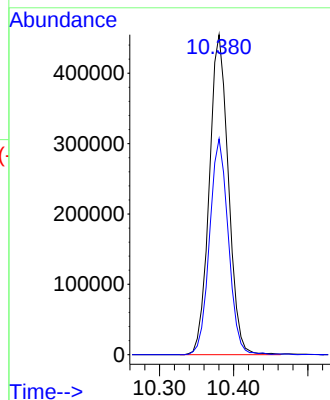
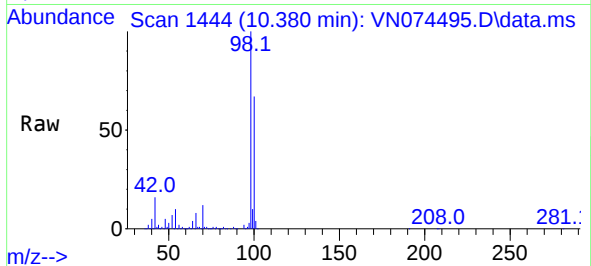




#50
Toluene-d8
Concen: 43.231 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

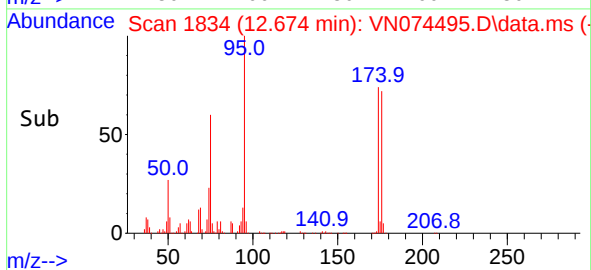
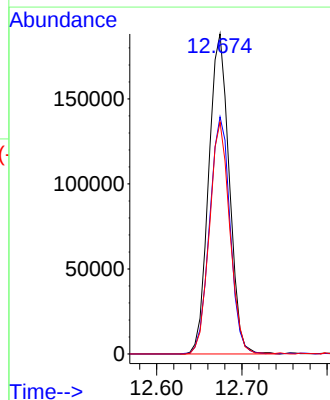
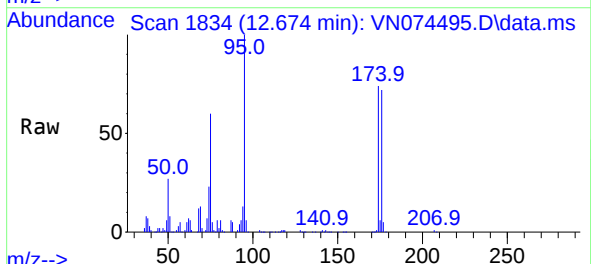
Instrument :
MSVOA_N
ClientSampleId :
251032-2

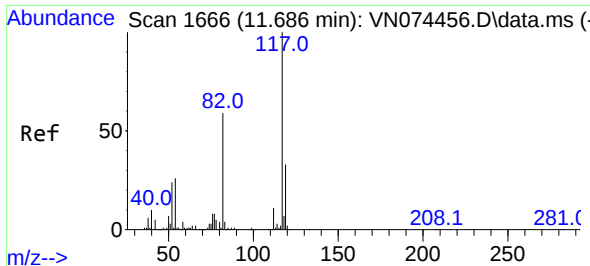
Tgt Ion: 98 Resp: 814011
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.893 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 95 Resp: 315307
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 71.7 0.0 163.4

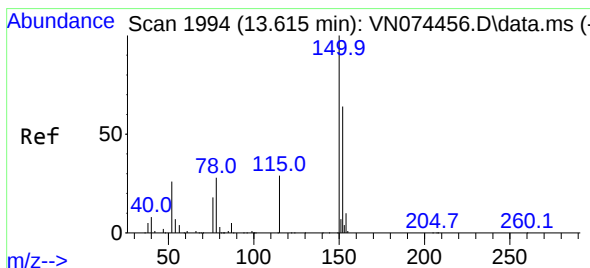
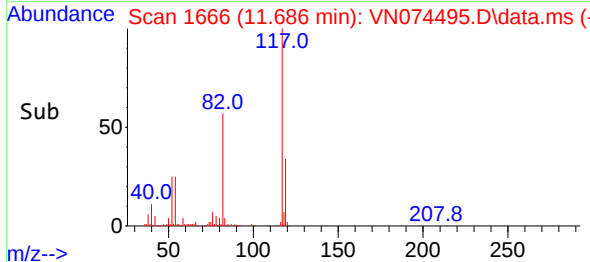
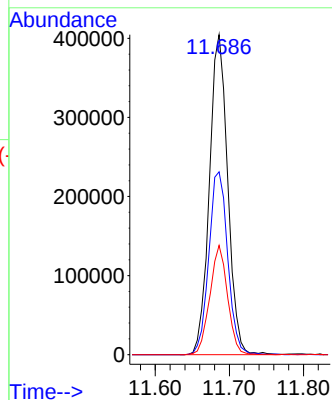
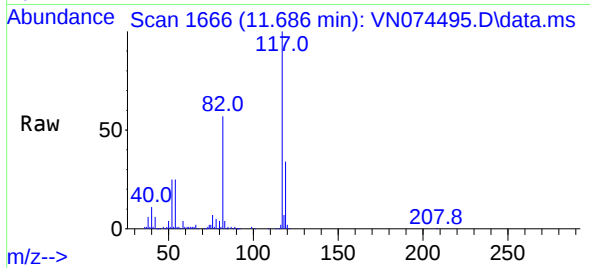




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

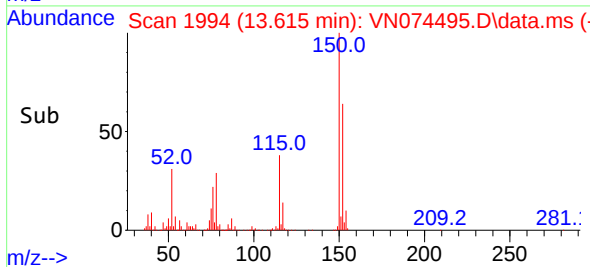
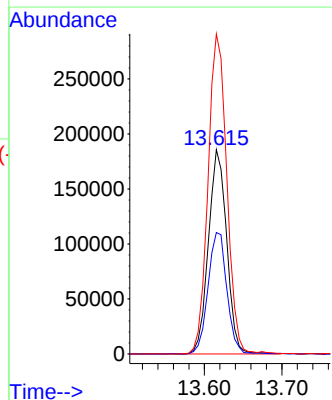
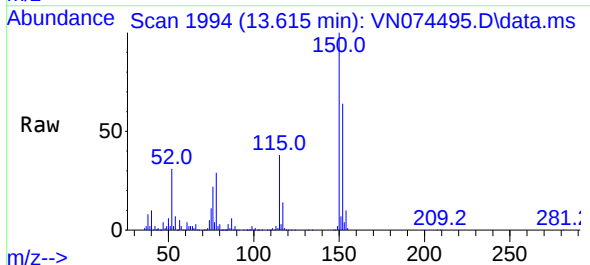
Instrument :
MSVOA_N
ClientSampleId :
251032-2

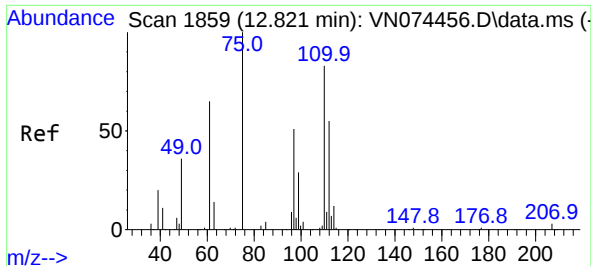
Tgt Ion:117 Resp: 694715
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 34.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion:152 Resp: 304317
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 160.5 0.0 356.2

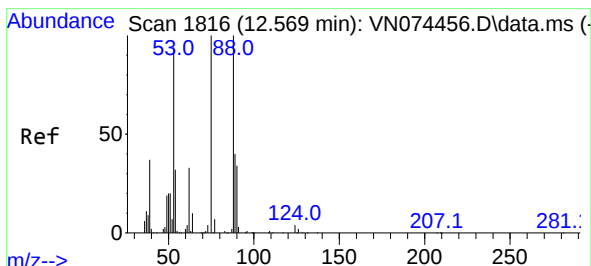
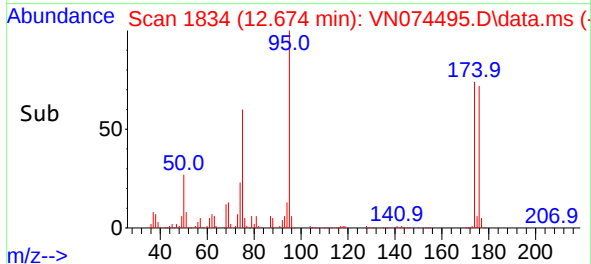
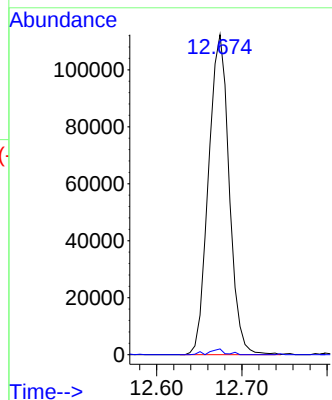
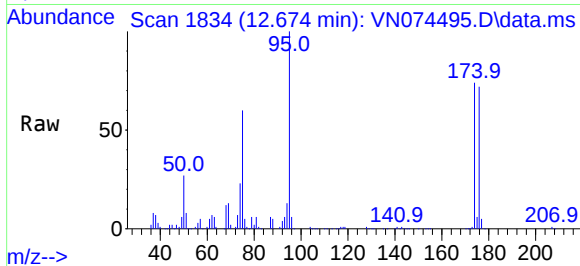




#76
1,2,3-Trichloropropane
Concen: 20.246 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

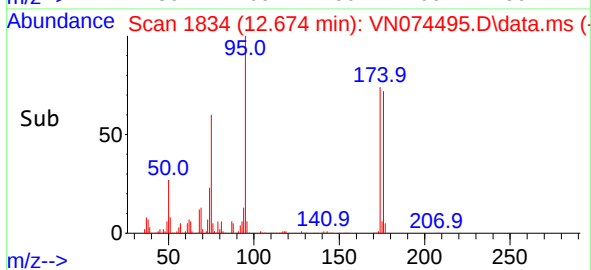
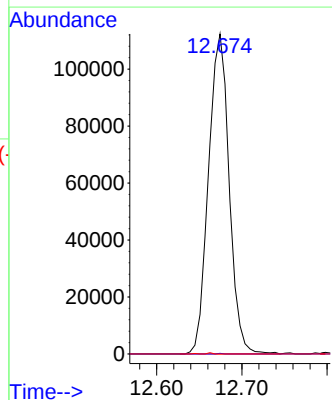
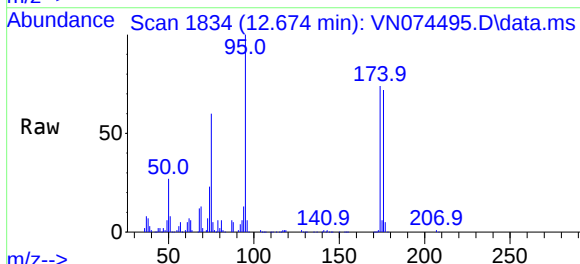
Instrument :
MSVOA_N
ClientSampleId :
251032-2

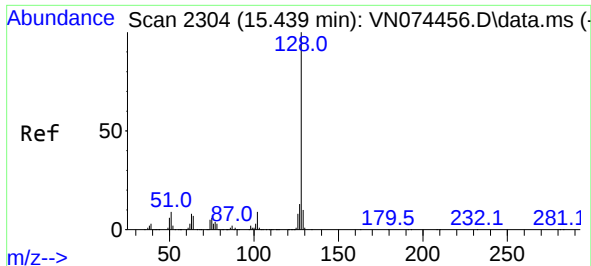
Tgt Ion: 75 Resp: 189642
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 43.696 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Tgt Ion: 75 Resp: 189642
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#95
Naphthalene
Concen: 1.614 ug/l
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN074495.D
Acq: 16 Sep 2022 05:42

Instrument :
MSVOA_N
ClientSampleId :
251032-2

Tgt Ion:128 Resp: 679
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 18.6 8.6 13.0#

