

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073496.D
 Acq On : 18 Jul 2022 14:02
 Operator : JC\MD
 Sample : N3711-03
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124042

Quant Time: Jul 18 15:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

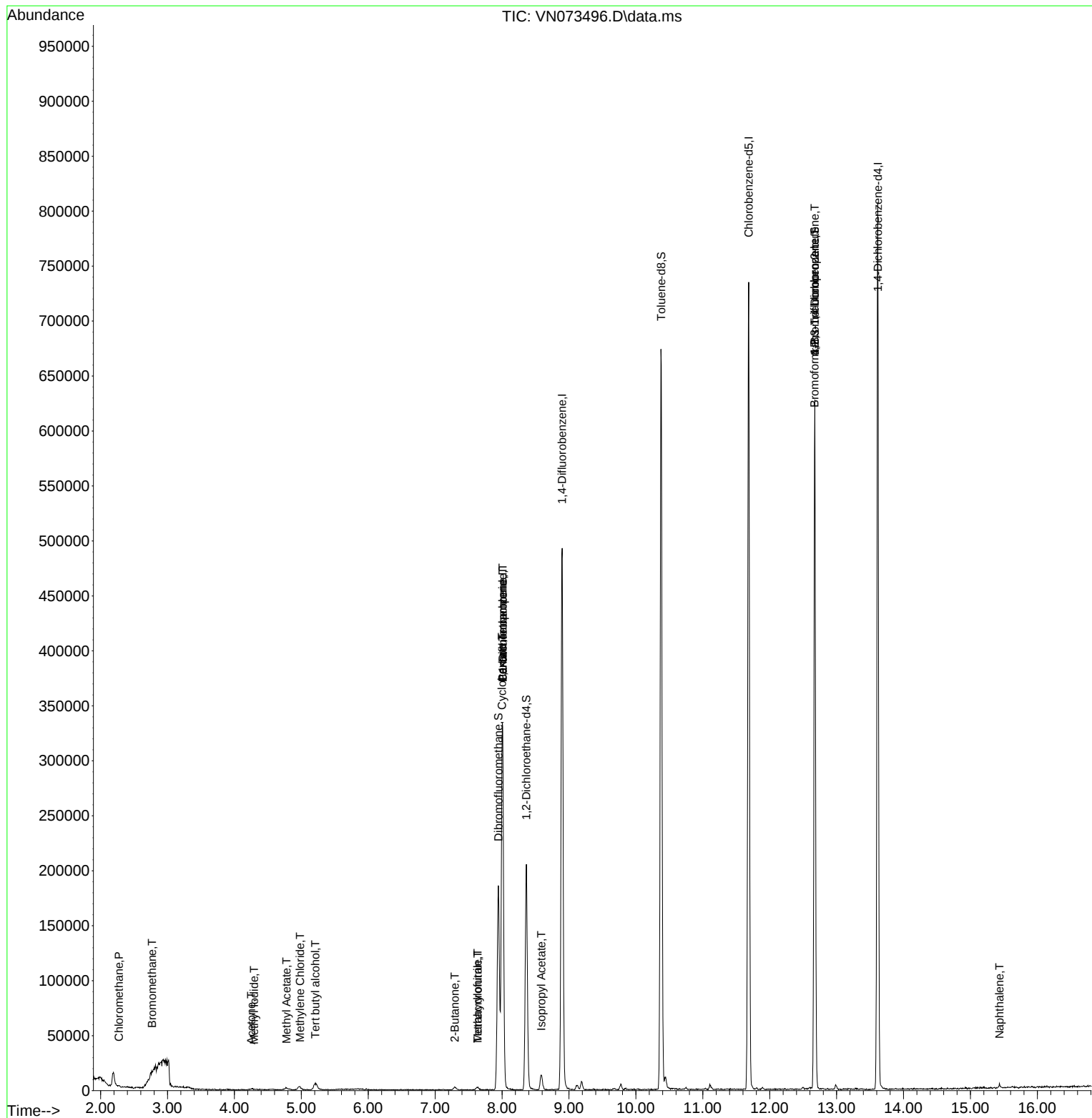
Internal Standards						
1) Pentafluorobenzene	8.010	168	256748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	431090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	420526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	208692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	166830	45.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.020%		
35) Dibromofluoromethane	7.945	113	135273	47.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.320%		
50) Toluene-d8	10.380	98	470719	46.210	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.674	95	212815	54.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.720%		
Target Compounds						Qvalue
3) Chloromethane	2.275	50	800	0.220	ug/l #	81
5) Bromomethane	2.769	94	440	0.301	ug/l #	37
10) Methyl Iodide	4.293	142	123	3.763	ug/l #	44
11) Tert butyl alcohol	5.210	59	6974	7.767	ug/l #	72
16) Acetone	4.251	43	591	0.284	ug/l #	88
18) Methyl Acetate	4.781	43	1850	0.317	ug/l #	54
20) Methylene Chloride	4.981	84	2785	0.762	ug/l #	77
25) 2-Butanone	7.292	43	996	0.301	ug/l #	45
29) Tetrahydrofuran	7.633	42	1982	0.874	ug/l #	69
31) Cyclohexane	7.998	56	6258	1.031	ug/l #	54
36) 1,1-Dichloropropene	8.010	75	21241	4.813	ug/l #	48
38) Carbon Tetrachloride	8.010	117	26471	5.800	ug/l #	16
41) Methacrylonitrile	7.633	41	1646	0.509	ug/l #	24
43) Isopropyl Acetate	8.586	43	7062	0.737	ug/l #	53
71) Bromoform	12.668	173	1799	0.703	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	109797	20.121	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	109797	55.181	ug/l #	11
95) Naphthalene	15.433	128	3515	0.219	ug/l #	84

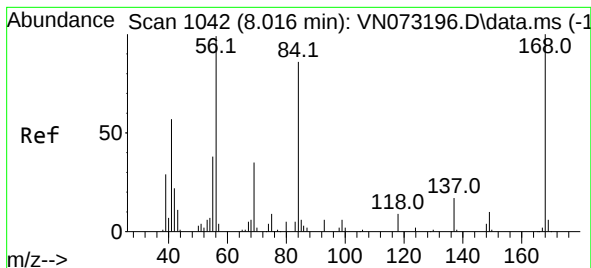
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PSC124042

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

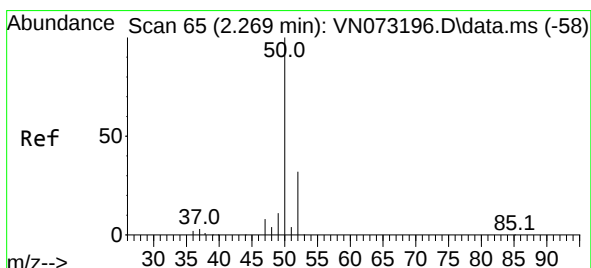
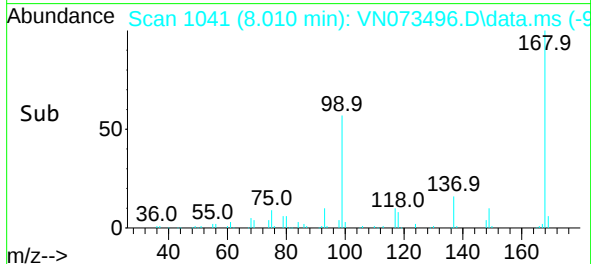
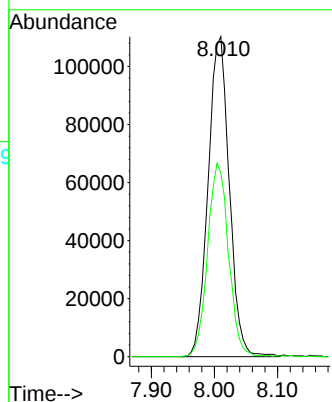
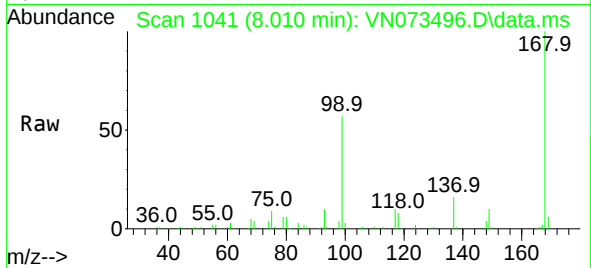




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

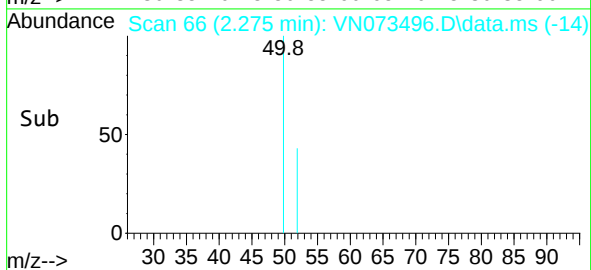
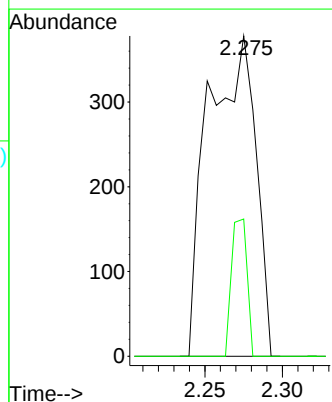
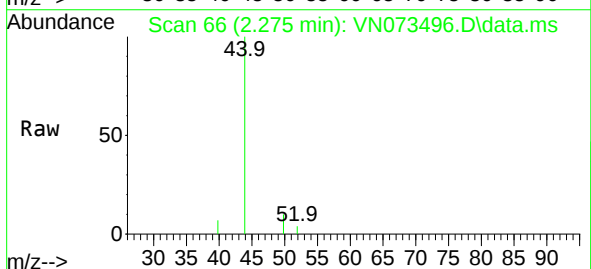
Instrument :
MSVOA_N
ClientSampleId :
PSC124042

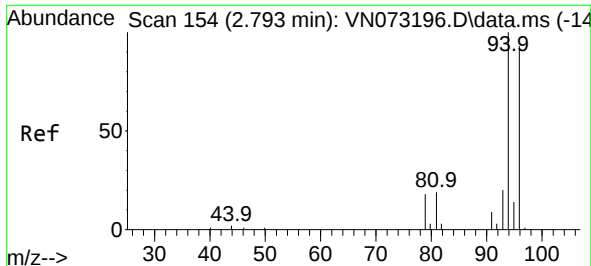
Tgt Ion:168 Resp: 256748
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#3
Chloromethane
Concen: 0.220 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 50 Resp: 800
Ion Ratio Lower Upper
50 100
52 42.9 25.7 38.5#

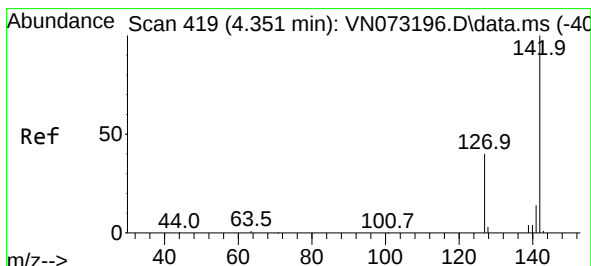
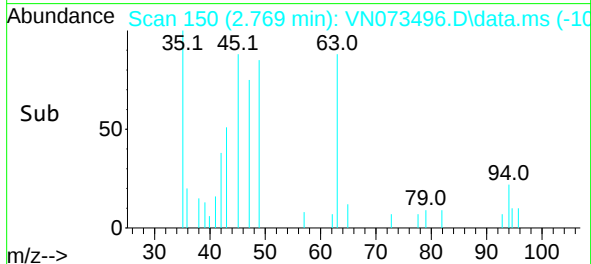
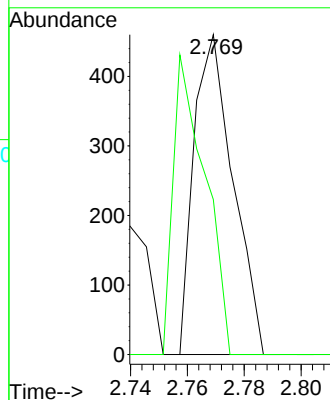
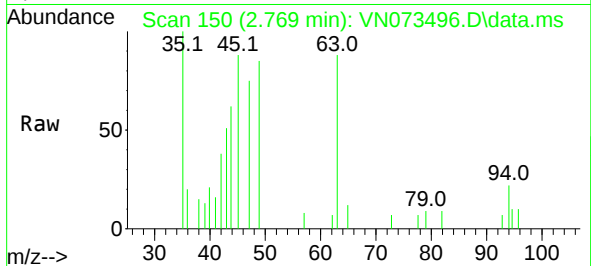




#5
Bromomethane
Concen: 0.301 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

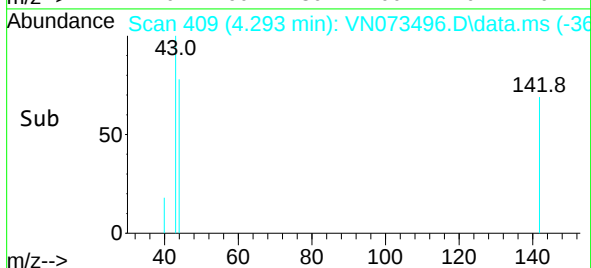
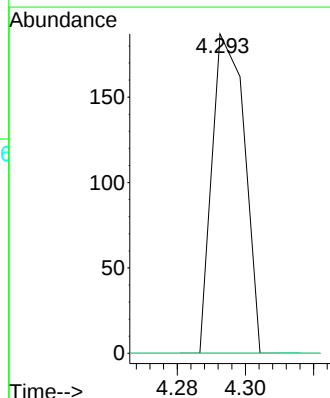
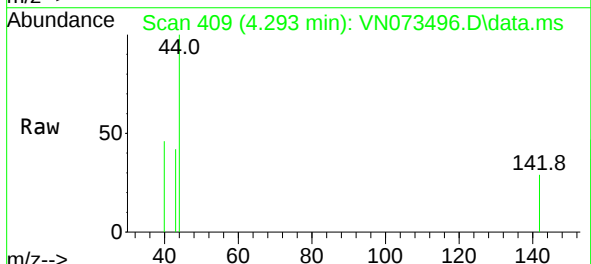
Instrument :
MSVOA_N
ClientSampleId :
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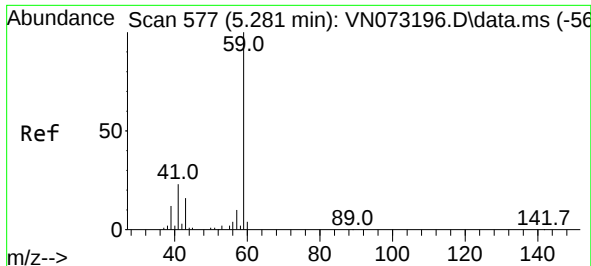
Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 33.3 76.0 114.0#



#10
Methyl Iodide
Concen: 3.763 ug/l
RT: 4.293 min Scan# 409
Delta R.T. -0.058 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

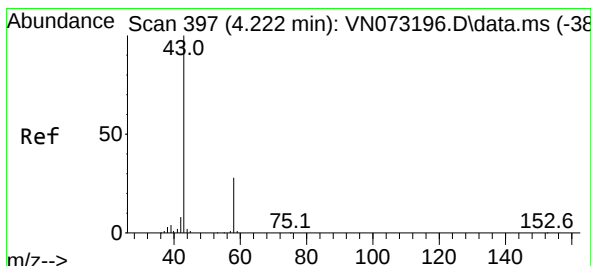
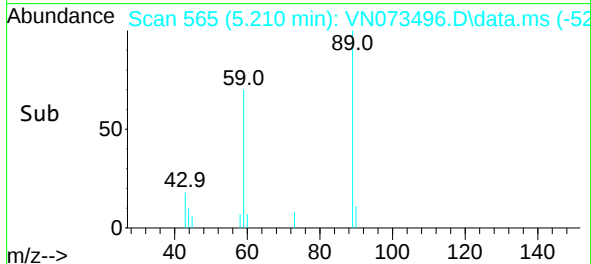
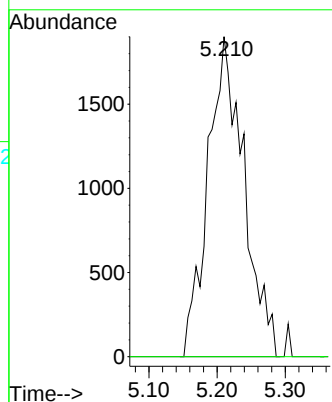
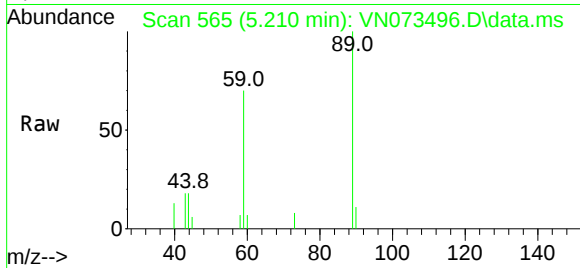




#11
Tert butyl alcohol
Concen: 7.767 ug/l
RT: 5.210 min Scan# 50
Delta R.T. -0.071 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

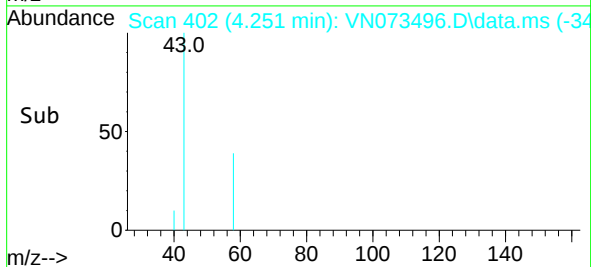
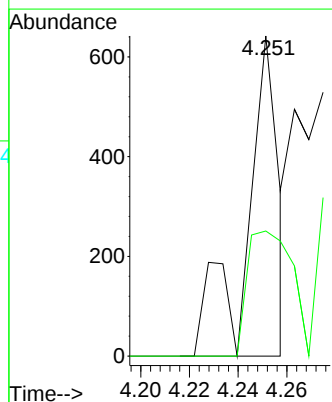
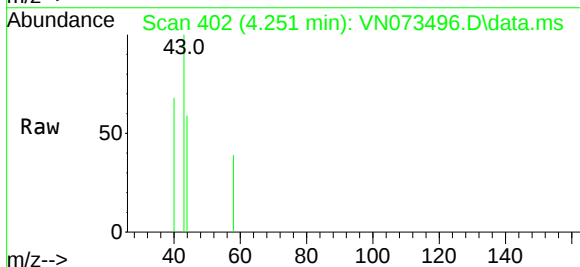
Instrument :
MSVOA_N
ClientSampleId :
PSC124042

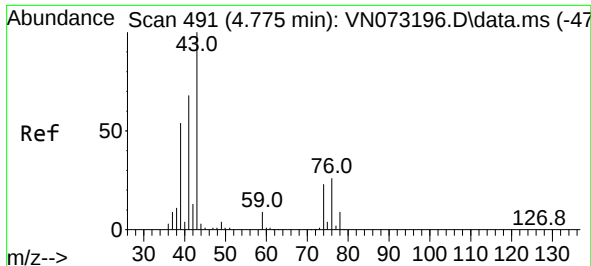
Tgt Ion: 59 Resp: 6974
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.284 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 39.1 26.0 39.0#

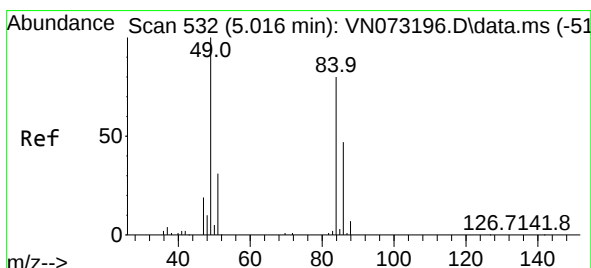
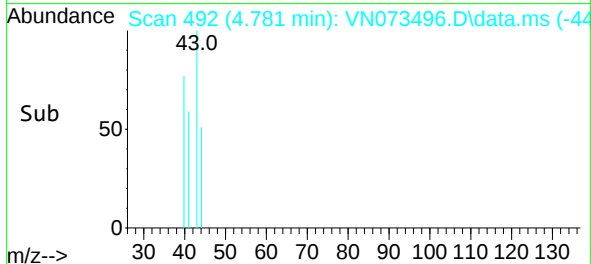
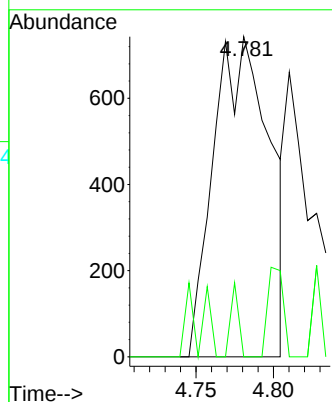
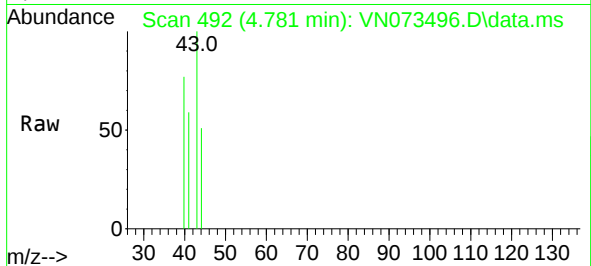




#18
Methyl Acetate
Concen: 0.317 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

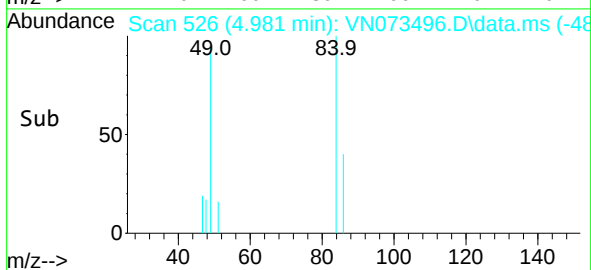
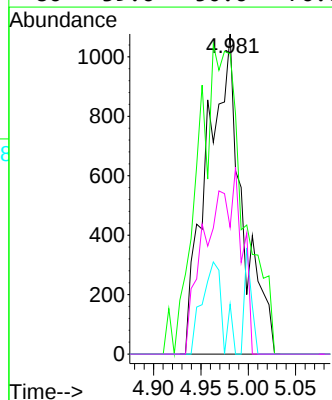
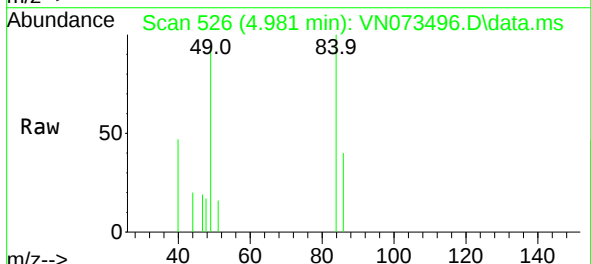
Instrument :
MSVOA_N
ClientSampleId :
PSC124042

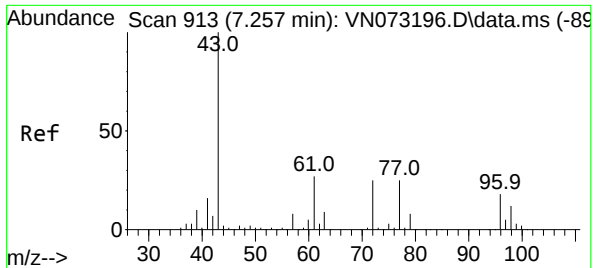
Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
74 3.3 21.6 32.4#



#20
Methylene Chloride
Concen: 0.762 ug/l
RT: 4.981 min Scan# 526
Delta R.T. -0.035 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 84 Resp: 2785
Ion Ratio Lower Upper
84 100
49 93.8 88.3 132.5
51 15.6 28.2 42.2#
86 39.6 50.6 76.0#

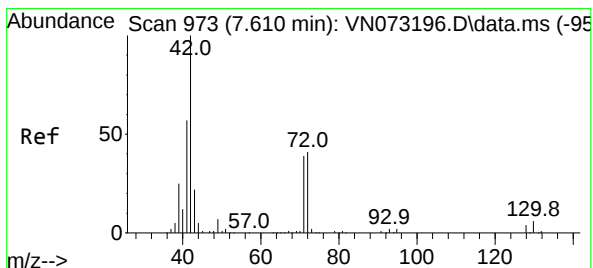
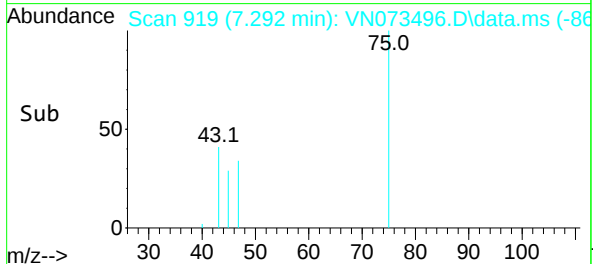
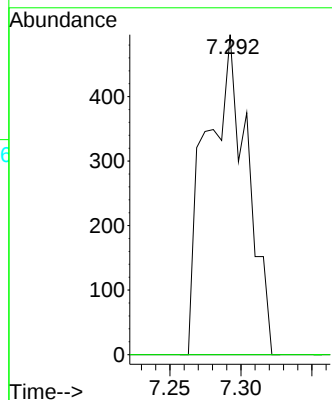
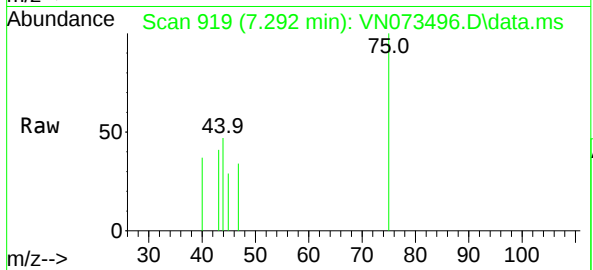




#25
2-Butanone
Concen: 0.301 ug/l
RT: 7.292 min Scan# 919
Delta R.T. 0.035 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

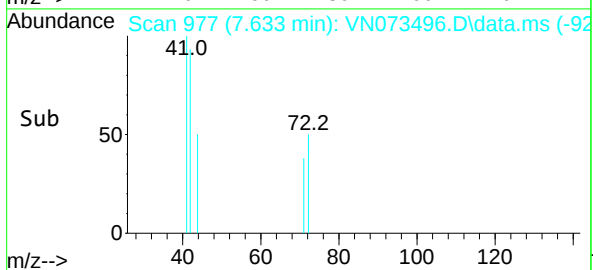
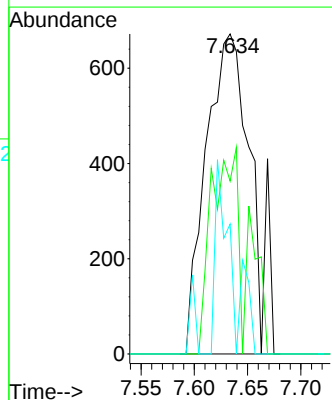
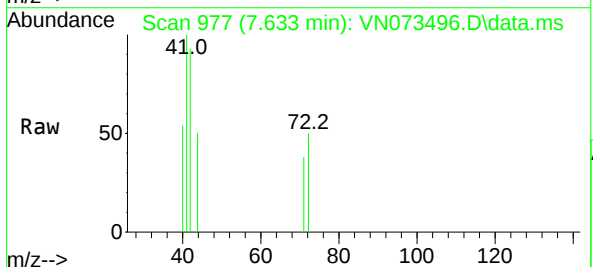
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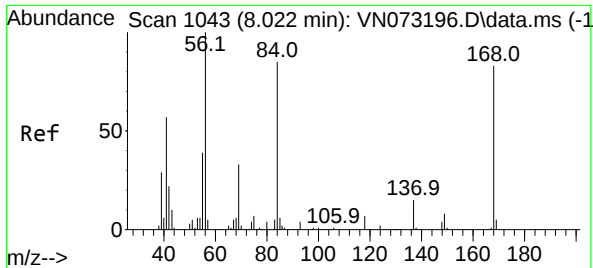
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.874 ug/l
RT: 7.633 min Scan# 977
Delta R.T. 0.023 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 42 Resp: 1982
Ion Ratio Lower Upper
42 100
72 36.9 39.7 59.5#
71 16.4 36.6 55.0#

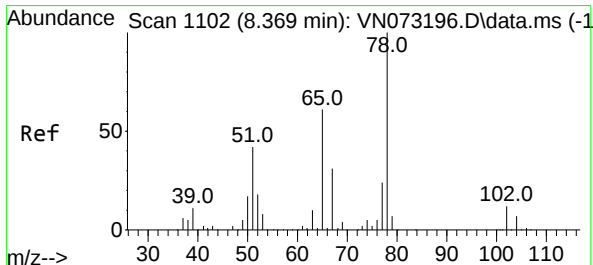
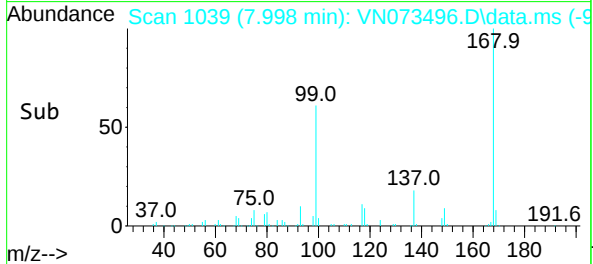
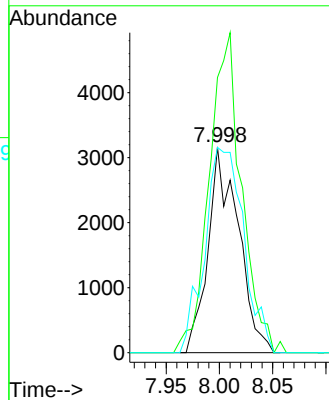
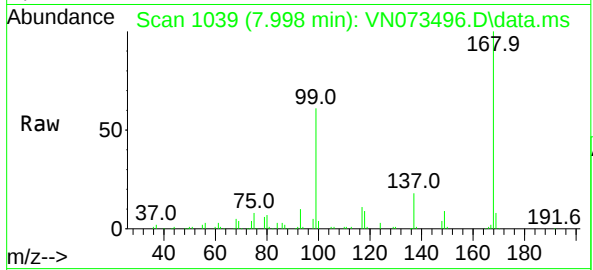




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.998 min Scan# 1101
Delta R.T. -0.024 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

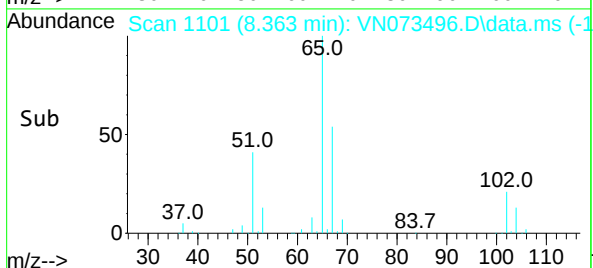
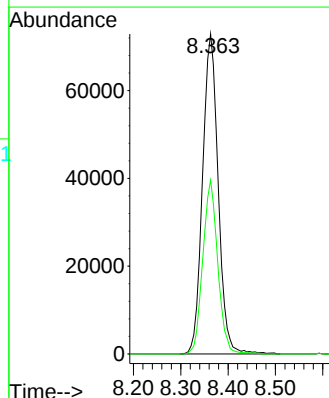
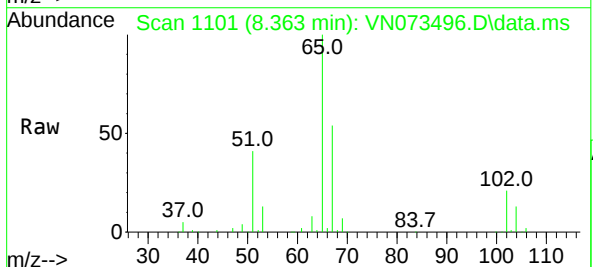
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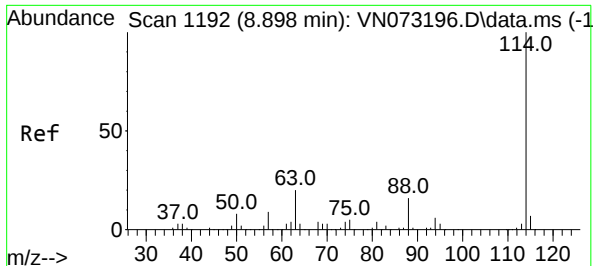
Tgt Ion: 56 Resp: 6258
Ion Ratio Lower Upper
56 100
69 128.3 27.8 41.8#
84 99.7 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 45.011 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 65 Resp: 166830
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

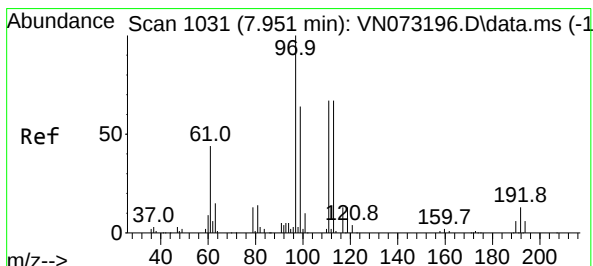
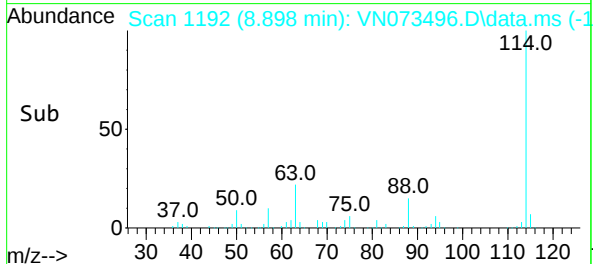
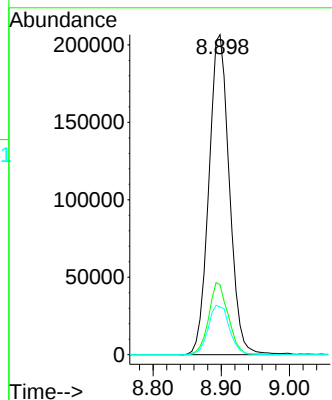
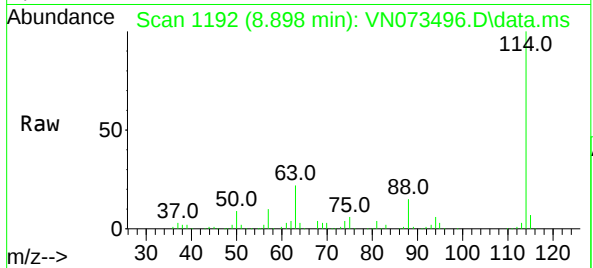




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

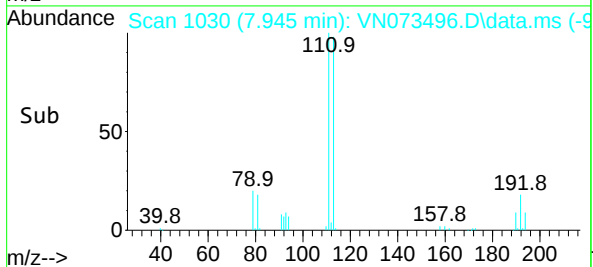
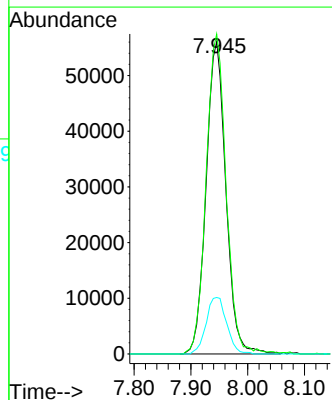
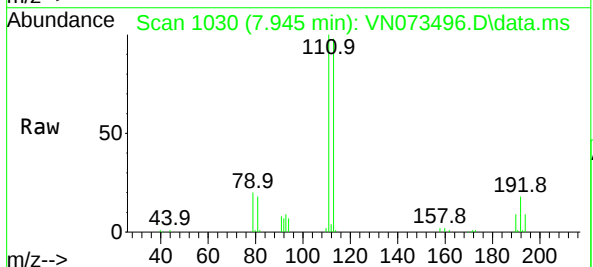
Instrument :
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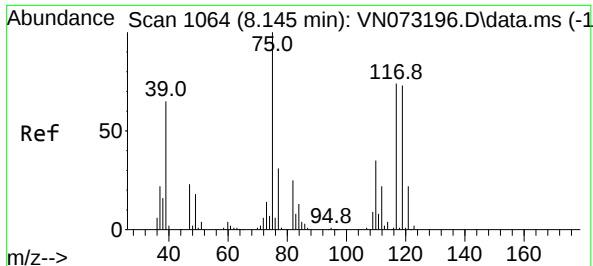
Tgt Ion:114 Resp: 431090
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.165 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion:113 Resp: 135273
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.8 17.0 25.6

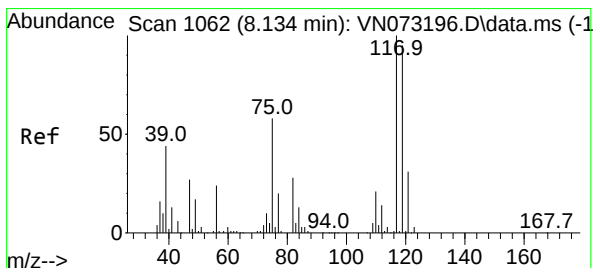
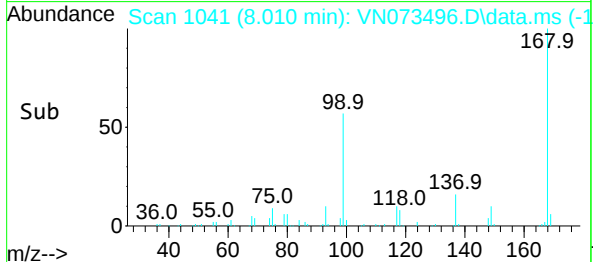
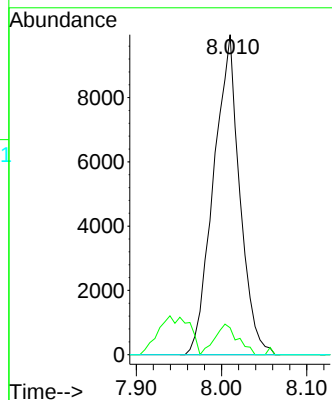
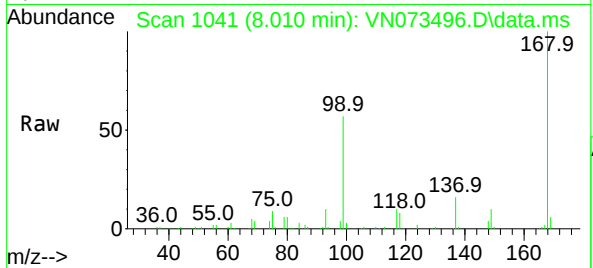




#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.135 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

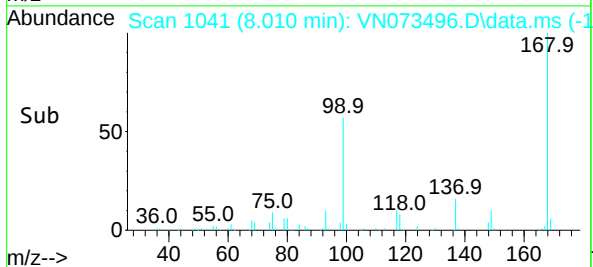
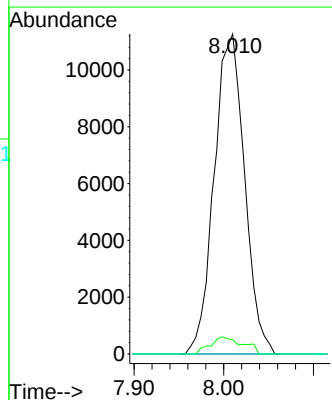
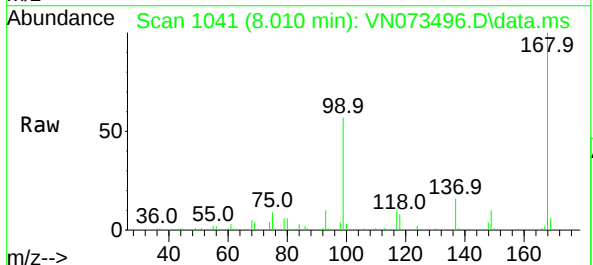
Instrument :
MSVOA_N
ClientSampleId :
PSC124042

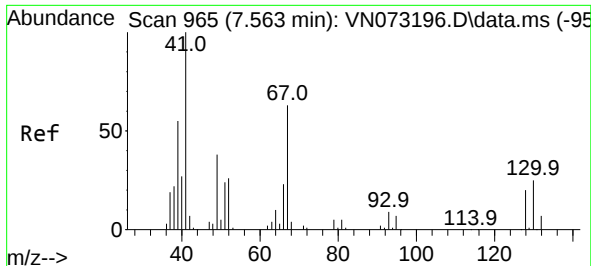
Tgt Ion: 75 Resp: 21241
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.800 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.124 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 117 Resp: 26471
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#

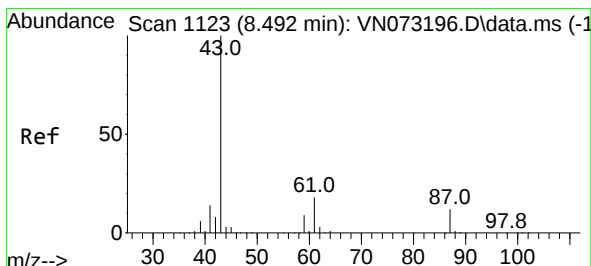
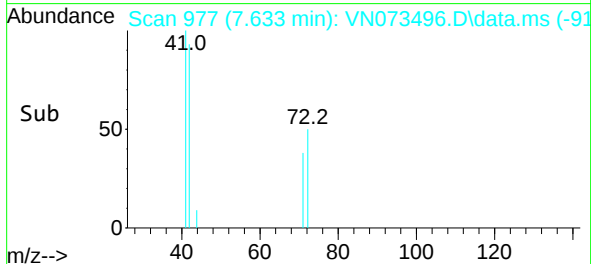
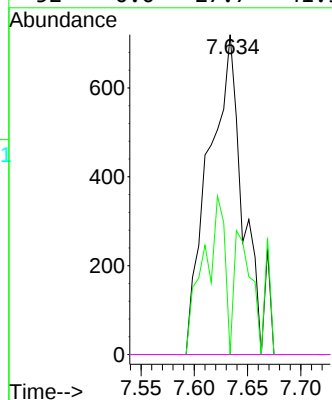
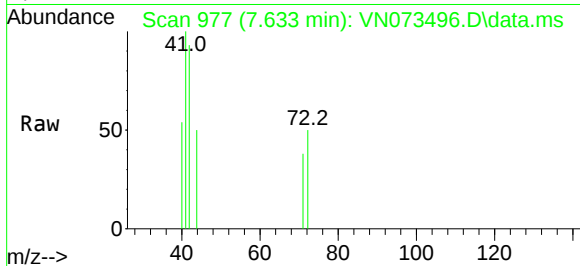




#41
Methacrylonitrile
Concen: 0.509 ug/l
RT: 7.633 min Scan# 91
Delta R.T. 0.071 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

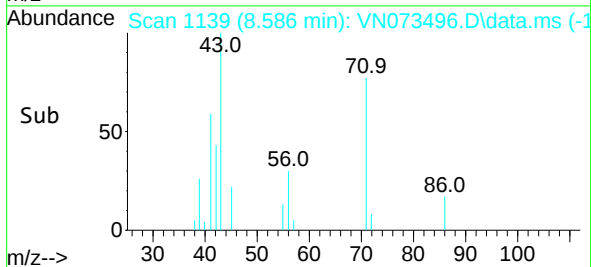
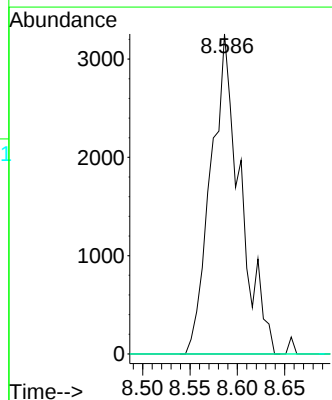
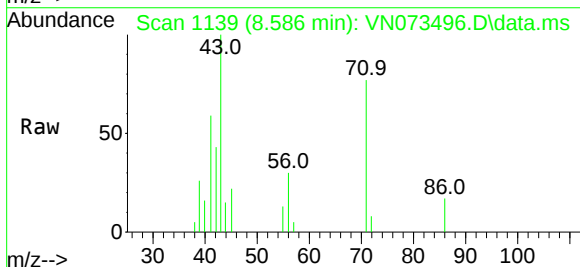
Instrument :
MSVOA_N
ClientSampleId :
PSC124042

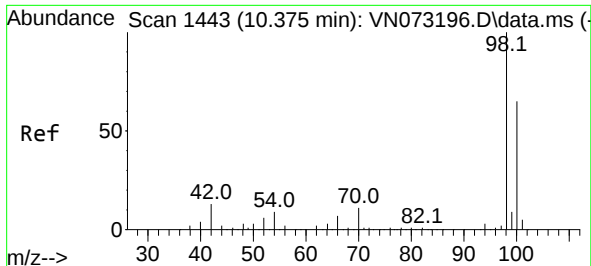
Tgt Ion:	41	Resp:	1646
Ion	Ratio	Lower	Upper
41	100		
39	18.7	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#



#43
Isopropyl Acetate
Concen: 0.737 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.094 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion:	43	Resp:	7062
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

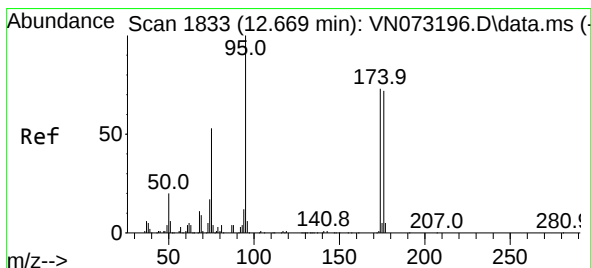
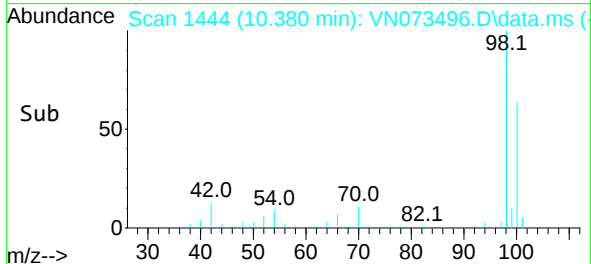
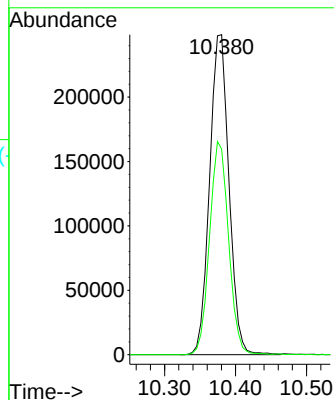
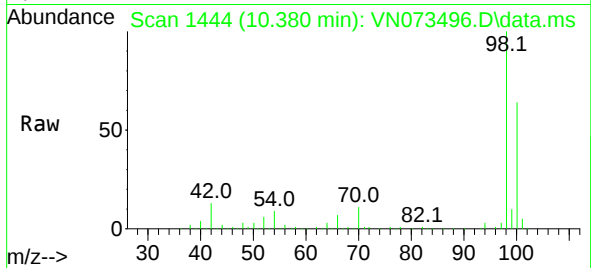




#50
Toluene-d8
Concen: 46.210 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

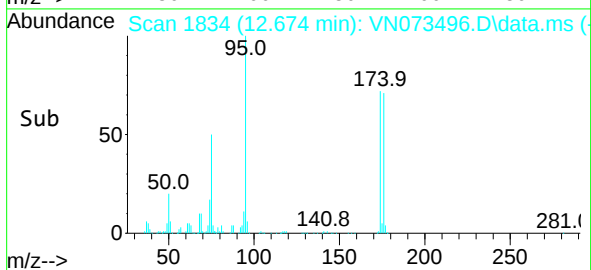
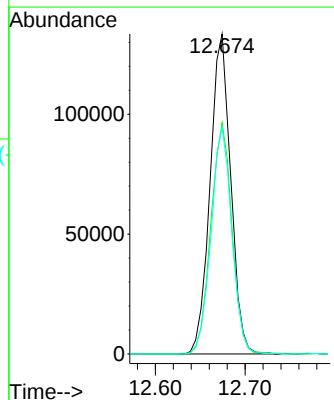
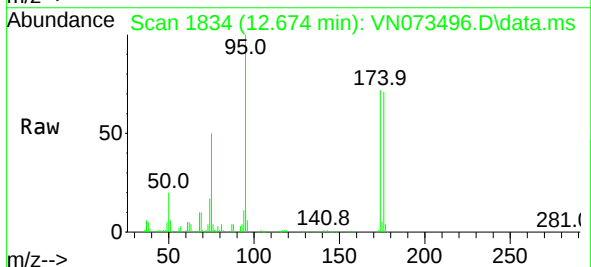
Instrument :
MSVOA_N
ClientSampleId :
PSC124042

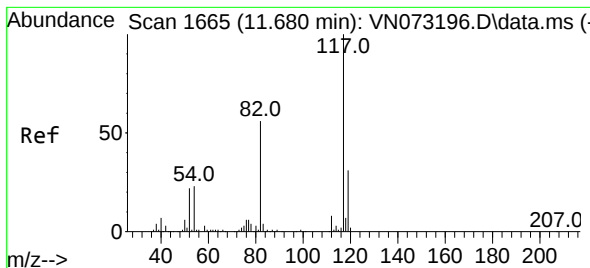
Tgt Ion: 98 Resp: 470719
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.364 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion: 95 Resp: 212815
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 71.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073496.D

Acq: 18 Jul 2022 14:02

Instrument :

MSVOA_N

ClientSampleId :

PSC124042

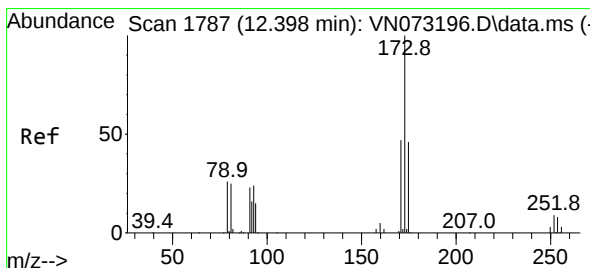
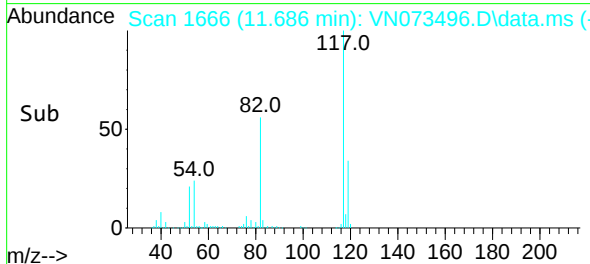
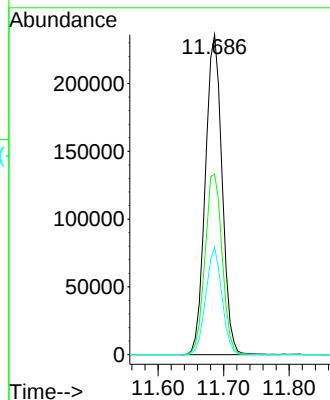
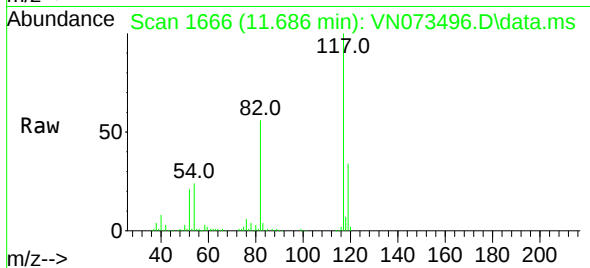
Tgt Ion:117 Resp: 420526

Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.2

119 33.7 25.4 38.0



#71

Bromoform

Concen: 0.703 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.270 min

Lab File: VN073496.D

Acq: 18 Jul 2022 14:02

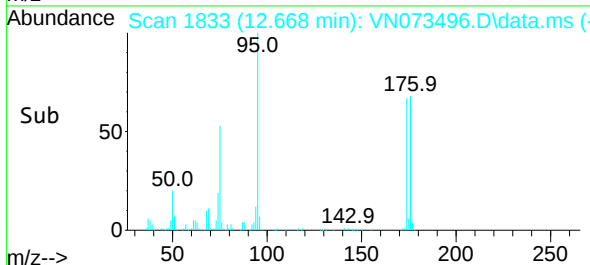
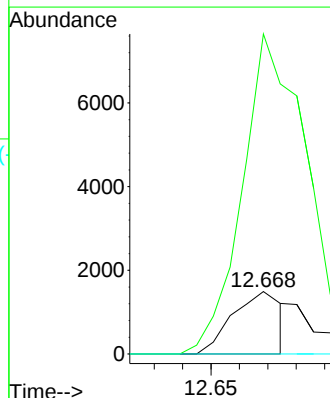
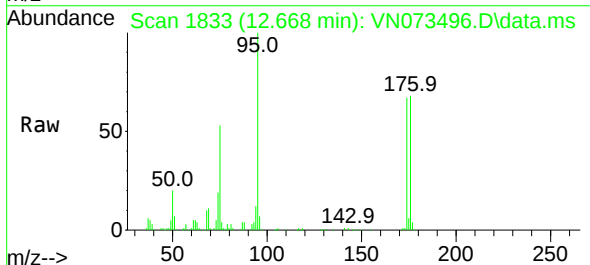
Tgt Ion:173 Resp: 1799

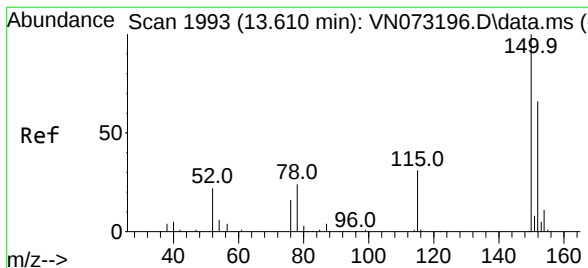
Ion Ratio Lower Upper

173 100

175 430.8 24.6 73.6#

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1993

Delta R.T. 0.005 min

Lab File: VN073496.D

Acq: 18 Jul 2022 14:02

Instrument :

MSVOA_N

ClientSampleId :

PSC124042

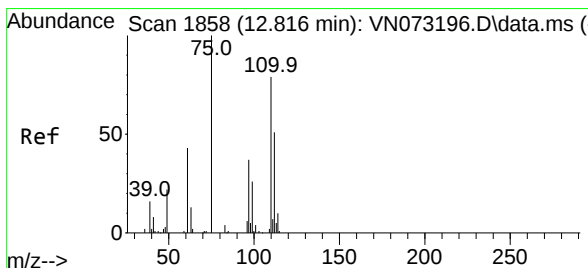
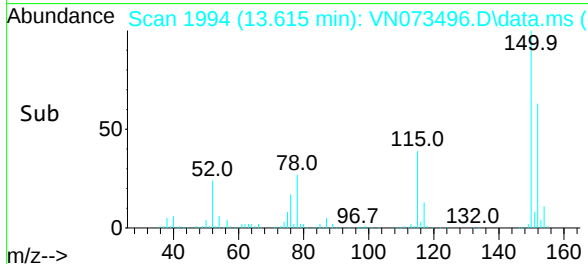
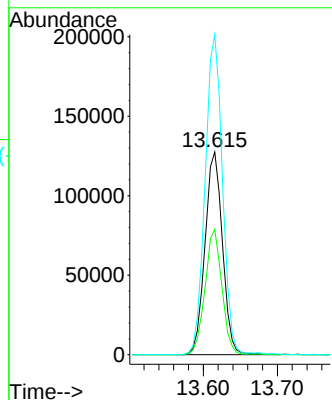
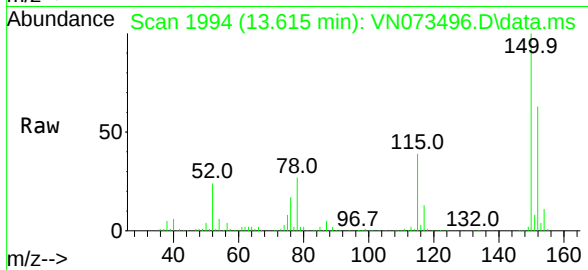
Tgt Ion:152 Resp: 208692

Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.7

150 156.6 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 20.121 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073496.D

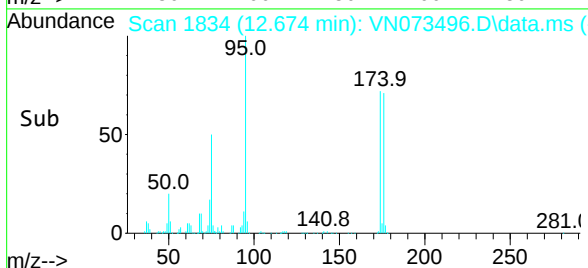
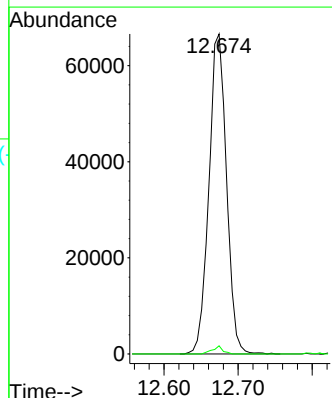
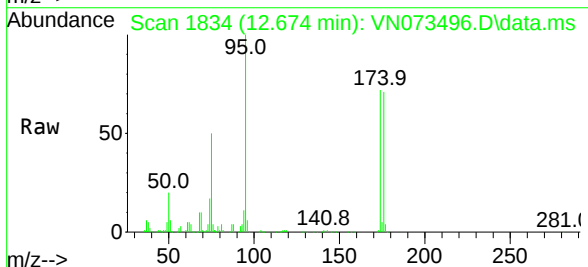
Acq: 18 Jul 2022 14:02

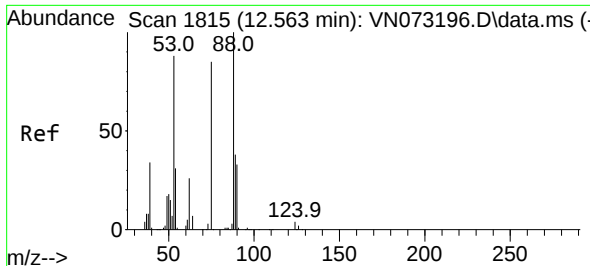
Tgt Ion: 75 Resp: 109797

Ion Ratio Lower Upper

75 100

77 1.5 98.5 295.5#

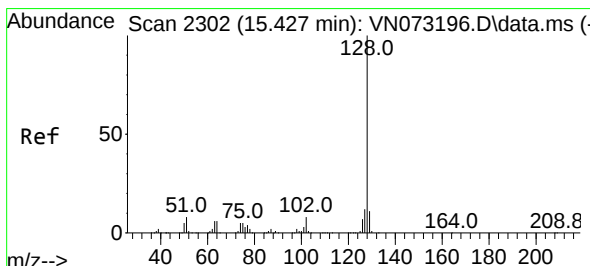
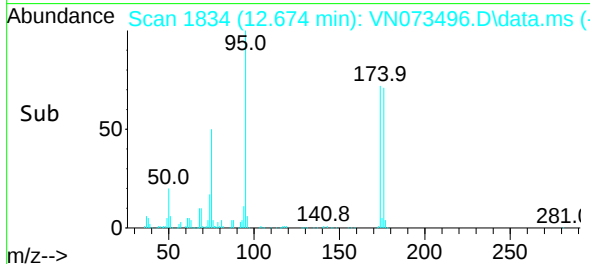
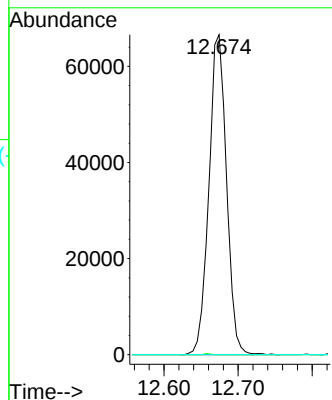
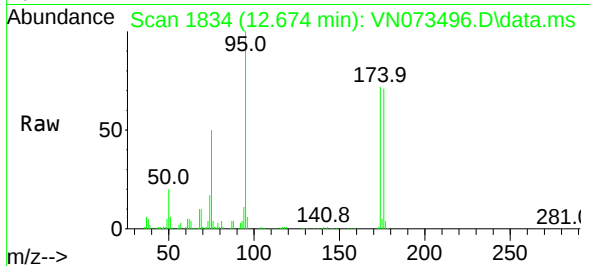




#81
trans-1,4-Dichloro-2-butene
Concen: 55.181 ug/l
RT: 12.674 min Scan# 1815
Delta R.T. 0.111 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Instrument :
MSVOA_N
ClientSampleId :
PSC124042

Tgt Ion: 75 Resp: 109797
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.219 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073496.D
Acq: 18 Jul 2022 14:02

Tgt Ion:128 Resp: 3515
Ion Ratio Lower Upper
128 100
127 7.5 10.3 15.5#
129 3.8 8.6 13.0#

