

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022492.D
 Acq On : 06 Jun 2021 20:53
 Operator : JC/MD
 Sample : PB136829ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#01

Quant Time: Jun 07 04:28:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

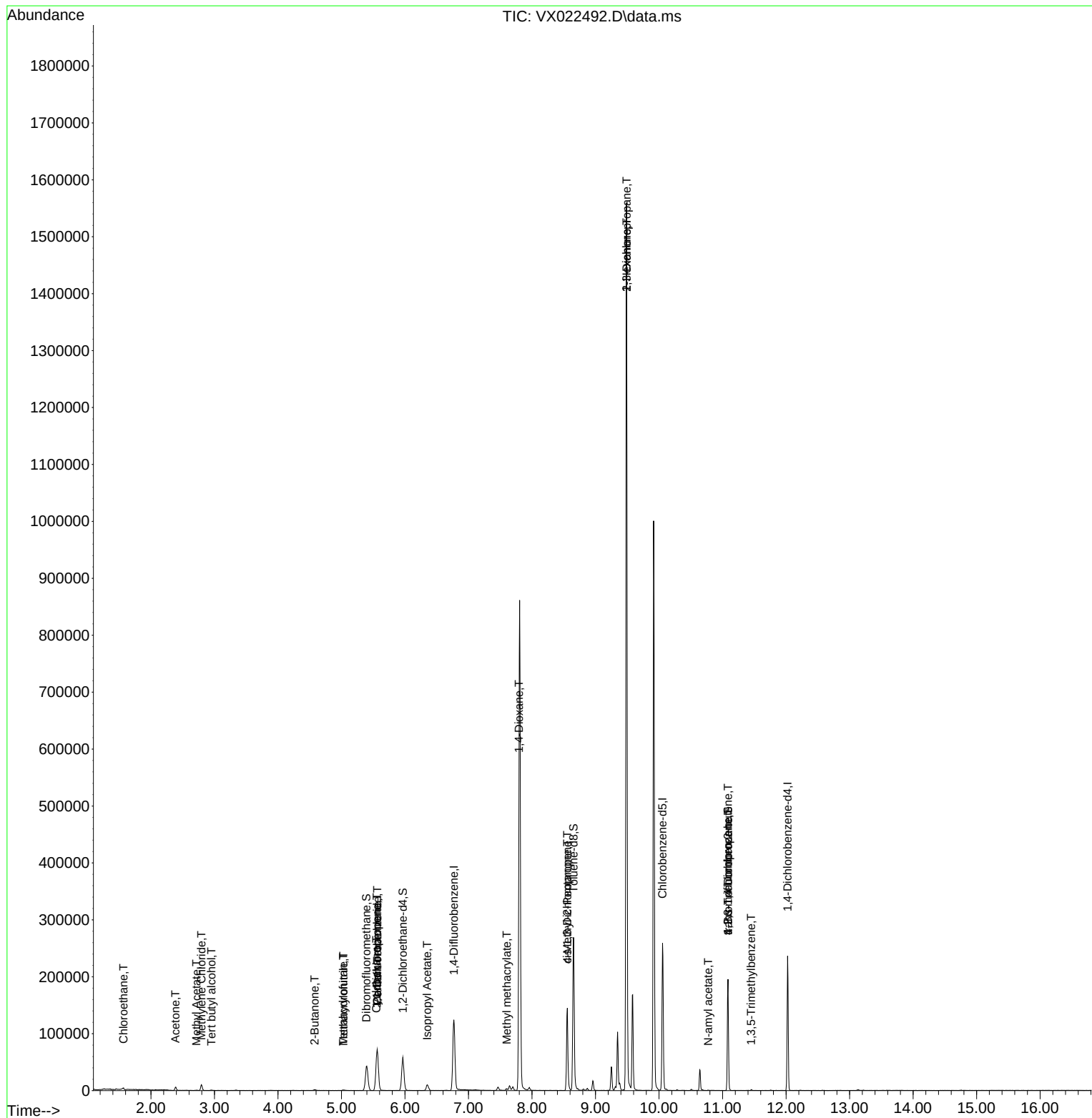
Internal Standards						
1) Pentafluorobenzene	5.562	168	60001	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50487	54.548	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.100%			
35) Dibromofluoromethane	5.391	113	36827	46.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.980%			
50) Toluene-d8	8.653	98	153570	50.869	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.740%			
62) 4-Bromofluorobenzene	11.085	95	53183	47.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.320%			
Target Compounds					Qvalue	
6) Chloroethane	1.569	64	110	0.222	ug/l	# 43
11) Tert butyl alcohol	2.953	59	506	2.390	ug/l	# 73
16) Acetone	2.386	43	6094	15.121	ug/l	98
18) Methyl Acetate	2.715	43	645	0.602	ug/l	# 74
20) Methylene Chloride	2.794	84	4243	4.742	ug/l	# 87
25) 2-Butanone	4.574	43	2149	3.296	ug/l	92
29) Tetrahydrofuran	5.026	42	493	1.270	ug/l	# 64
31) Cyclohexane	5.550	56	800	0.688	ug/l	# 40
36) 1,1-Dichloropropene	5.556	75	6108	5.345	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6846	6.124	ug/l	# 16
41) Methacrylonitrile	5.032	41	415	0.554	ug/l	# 40
43) Isopropyl Acetate	6.348	43	13708	5.983	ug/l	95
48) Methyl methacrylate	7.604	41	4035	3.821	ug/l	# 10
49) 1,4-Dioxane	7.793	88	19	0.924	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	49484	36.053	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	22537	14.914	ug/l	# 65
57) 1,3-Dichloropropane	9.488	76	13060	8.462	ug/l	# 42
59) 2-Hexanone	9.488	43	182824	177.104	ug/l	# 45
74) N-amyl acetate	10.775	43	441	0.262	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	27790	26.877	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	897	0.305	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.085	75	27790	63.681	ug/l	# 12

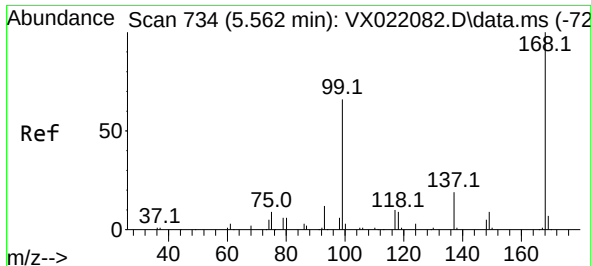
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
Data File : VX022492.D
Acq On : 06 Jun 2021 20:53
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Sample : PB136829ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

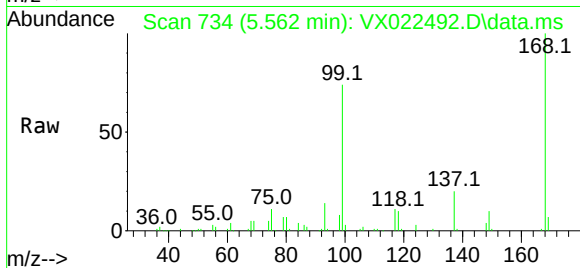
Quant Time: Jun 07 04:28:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



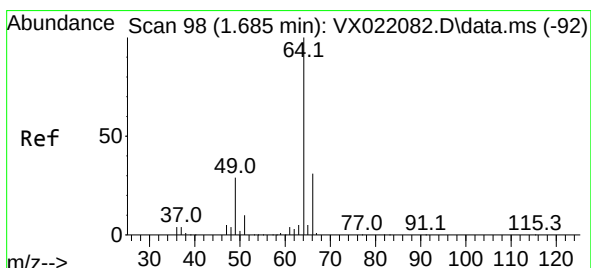
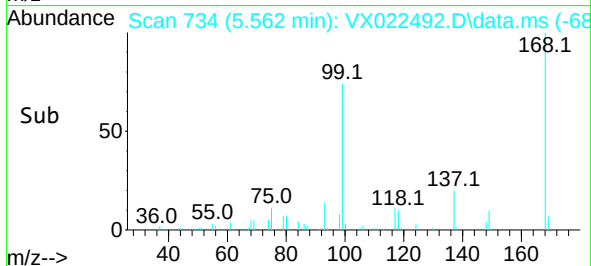
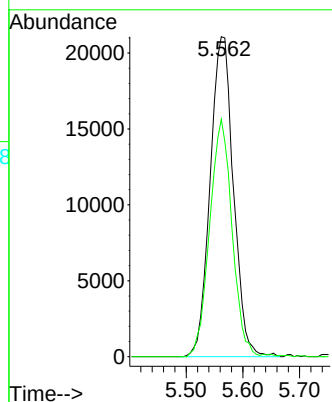


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

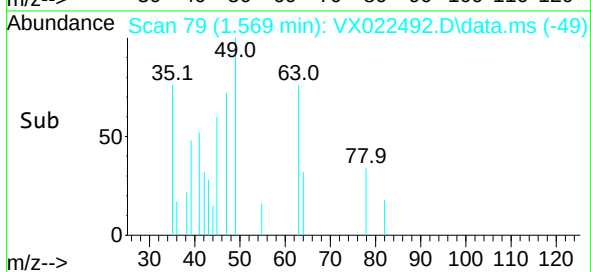
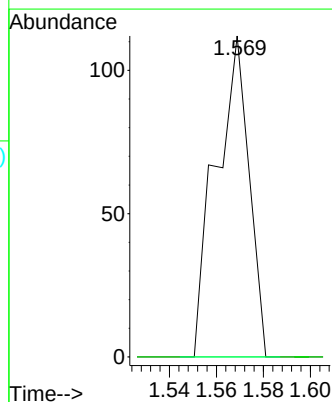
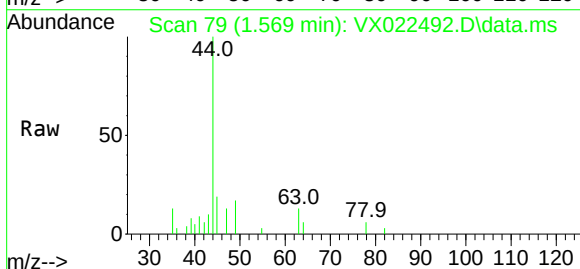


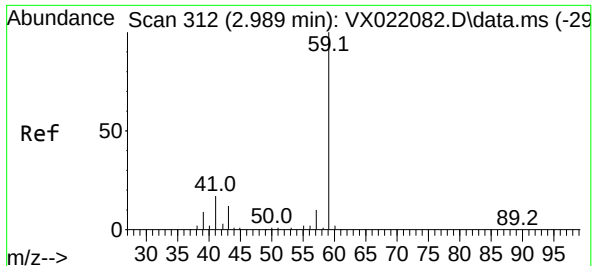
Tgt Ion:168 Resp: 60001
Ion Ratio Lower Upper
168 100
99 74.2 45.8 68.6#



#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.569 min Scan# 79
Delta R.T. -0.116 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 64 Resp: 110
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



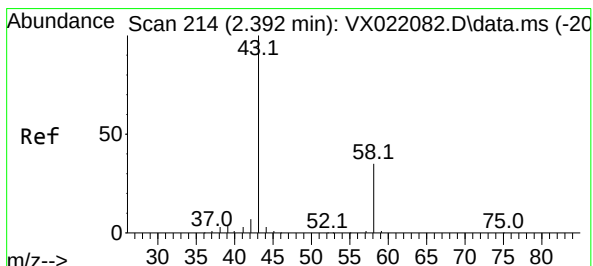
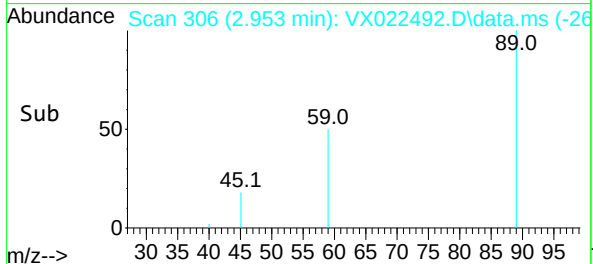
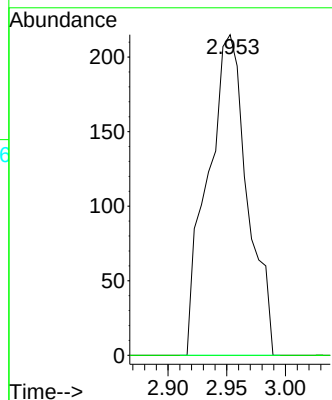
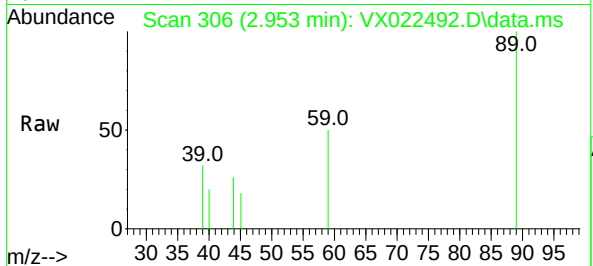


#11

Tert butyl alcohol
Concen: 2.390 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

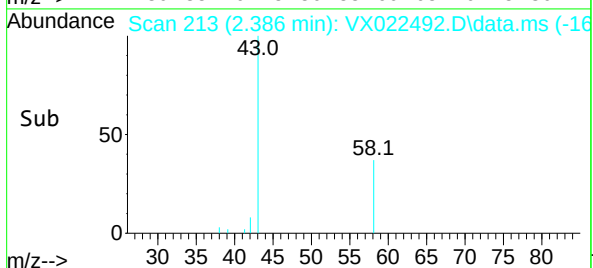
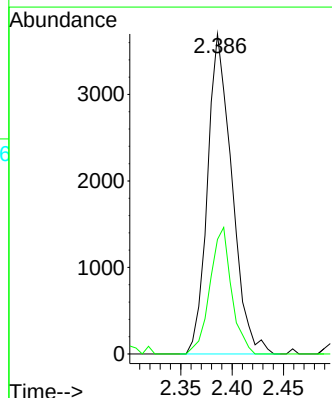
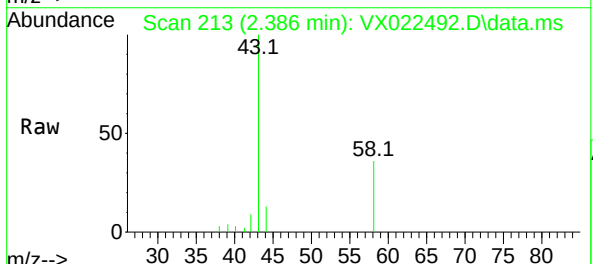
Tgt Ion: 59 Resp: 506
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

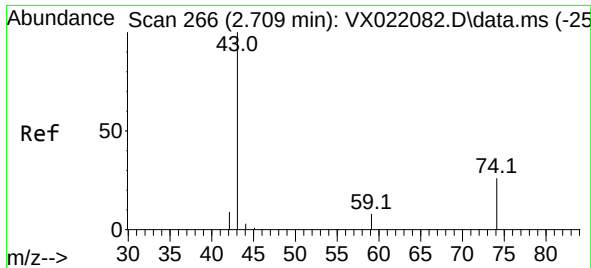


#16

Acetone
Concen: 15.121 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 43 Resp: 6094
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8

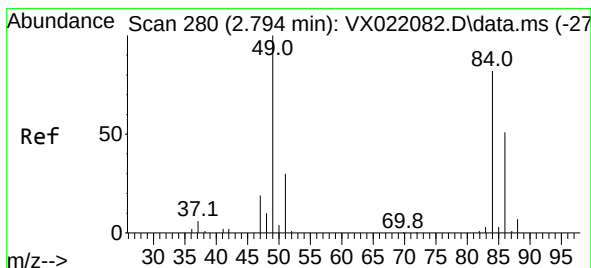
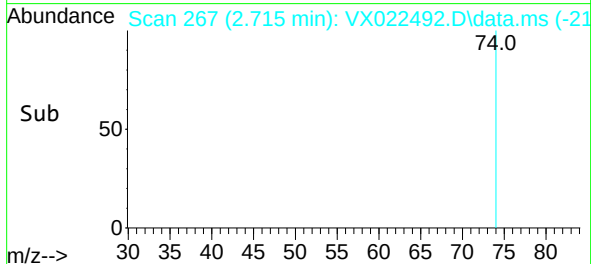
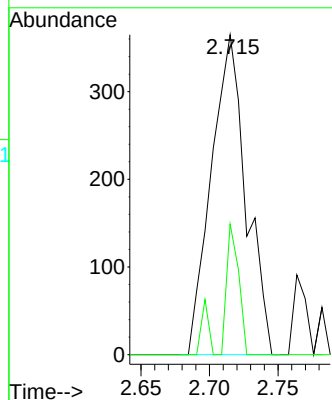
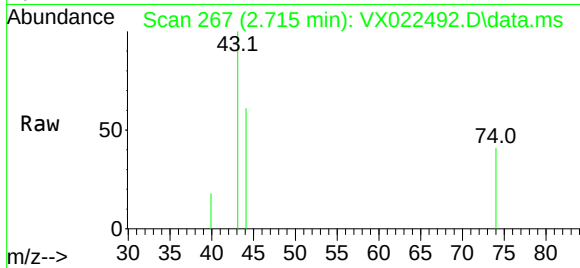




#18
Methyl Acetate
Concen: 0.602 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

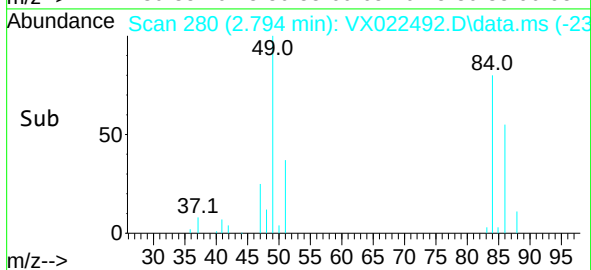
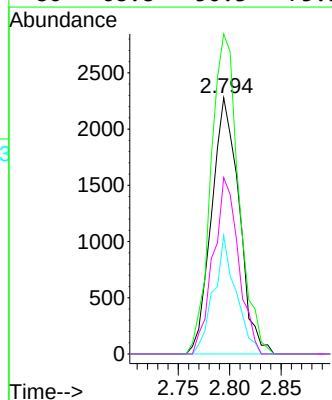
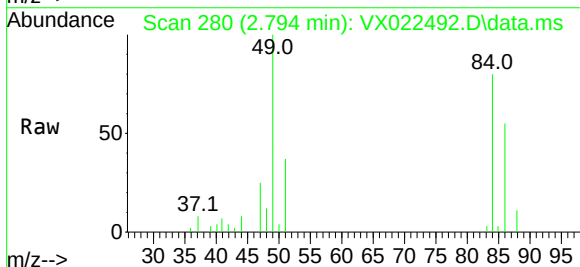
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

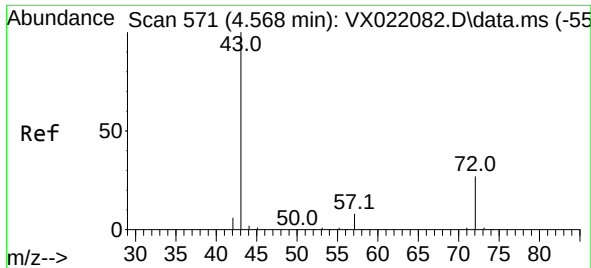
Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
74 14.0 21.9 32.9#



#20
Methylene Chloride
Concen: 4.742 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 84 Resp: 4243
Ion Ratio Lower Upper
84 100
49 124.9 88.6 132.8
51 46.2 27.0 40.6#
86 68.8 50.3 75.5

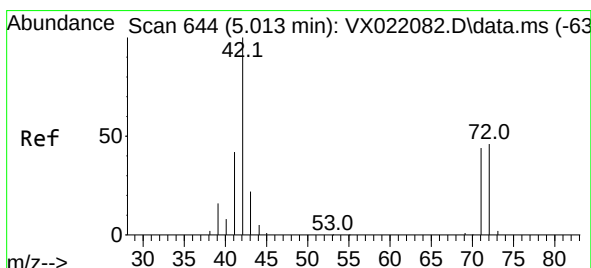
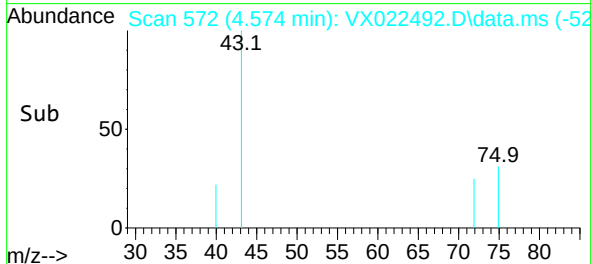
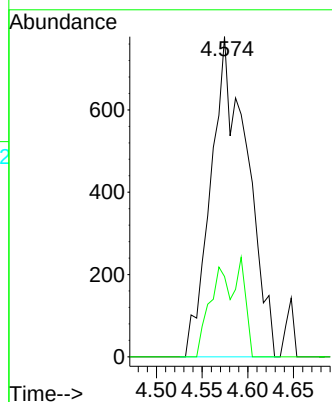
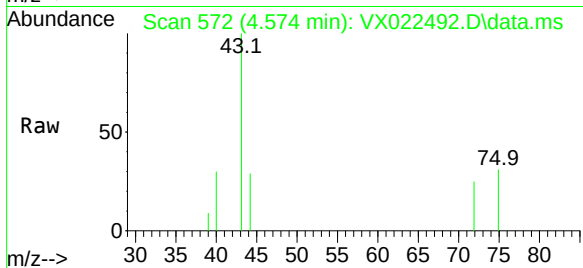




#25
2-Butanone
Concen: 3.296 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

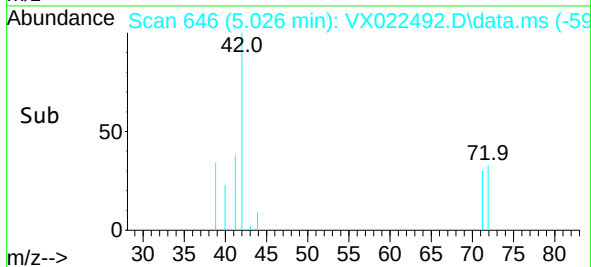
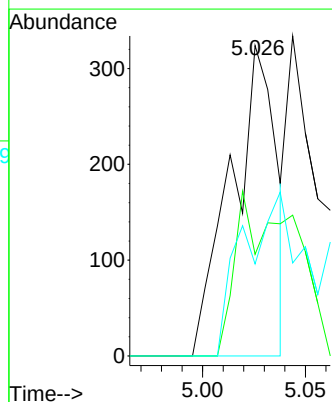
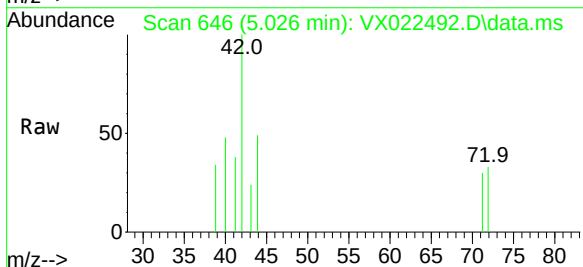
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

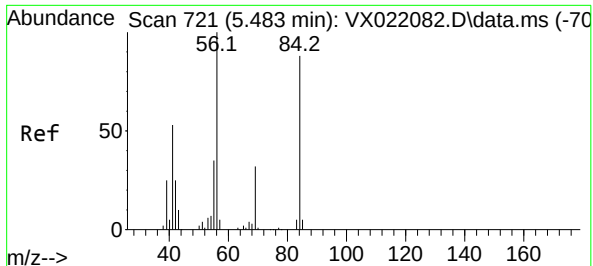
Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
72 25.1 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.270 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

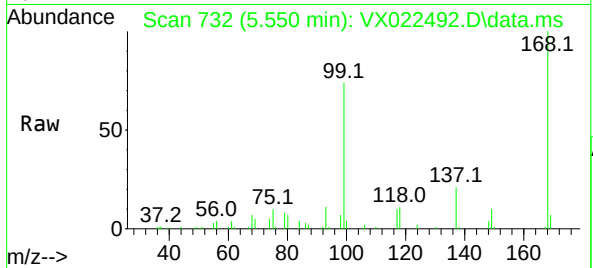
Tgt Ion: 42 Resp: 493
Ion Ratio Lower Upper
42 100
72 69.0 41.7 62.5#
71 81.3 38.4 57.6#



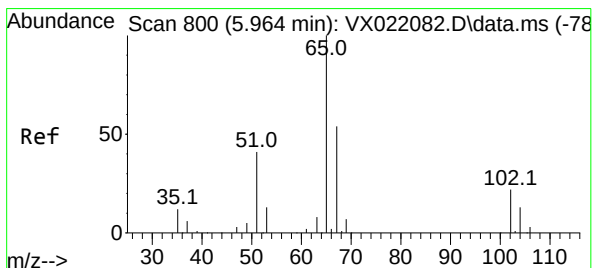
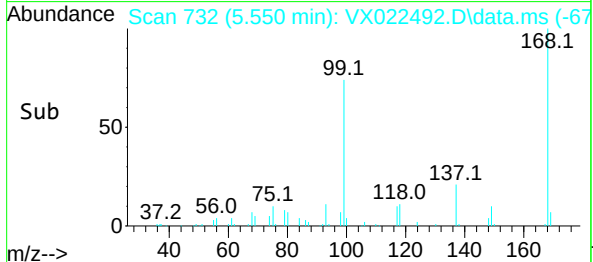
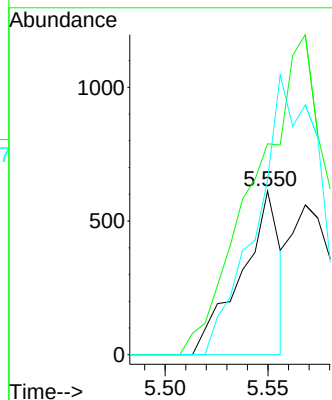


#31
Cyclohexane
Concen: 0.688 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

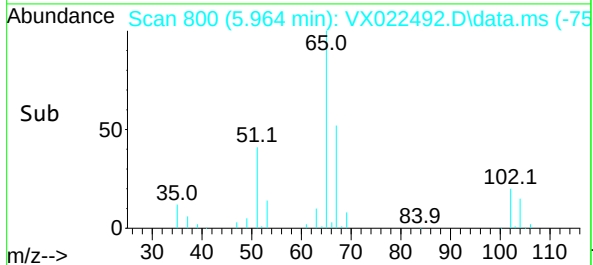
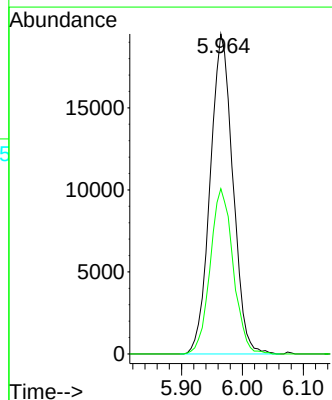
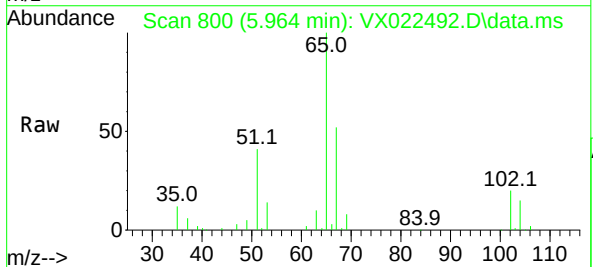


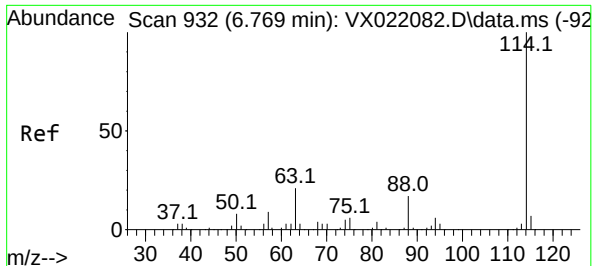
Tgt Ion: 56 Resp: 800
Ion Ratio Lower Upper
56 100
69 128.9 25.3 37.9#
84 106.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.548 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 65 Resp: 50487
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

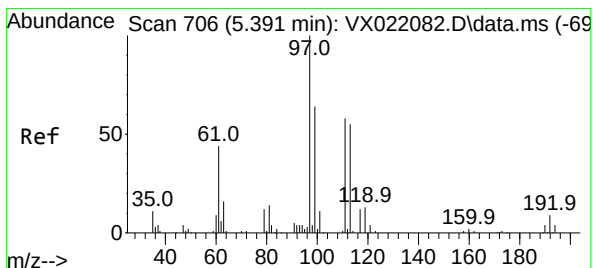
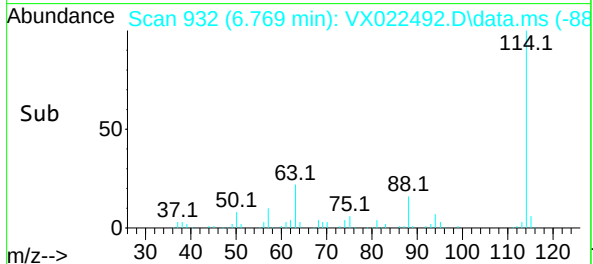
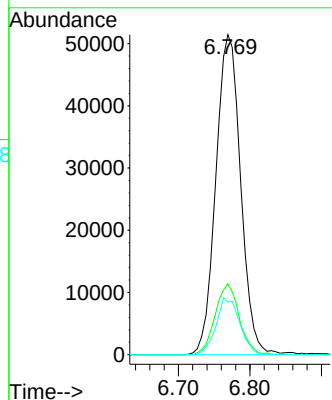
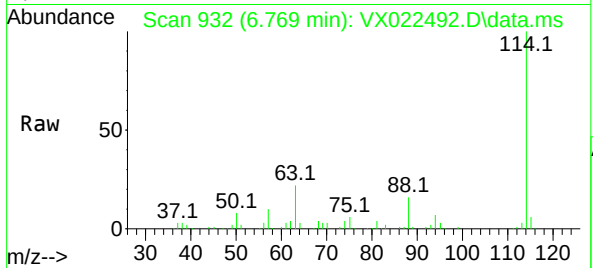




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

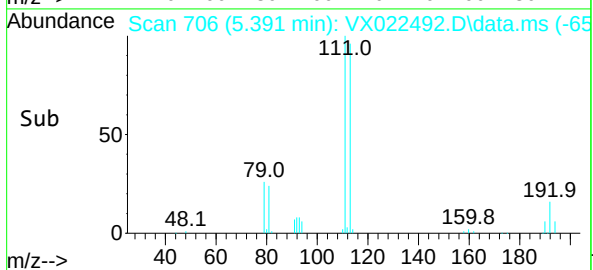
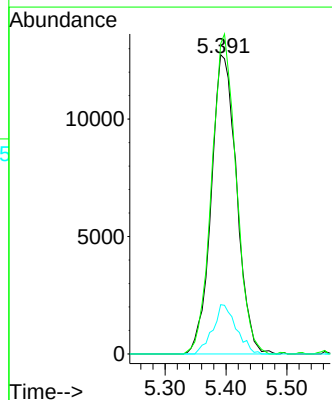
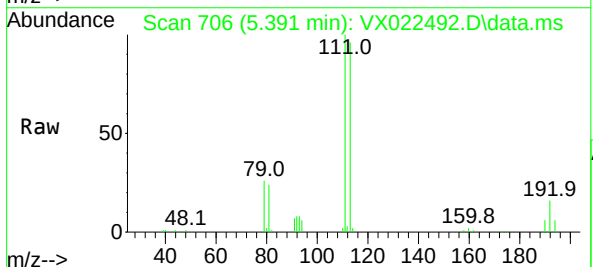
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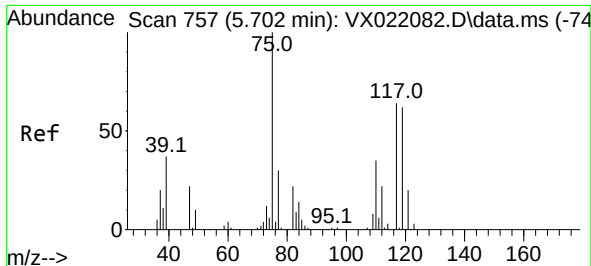
Tgt Ion:114 Resp: 123583
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.991 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion:113 Resp: 36827
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 15.2 16.7 25.1#

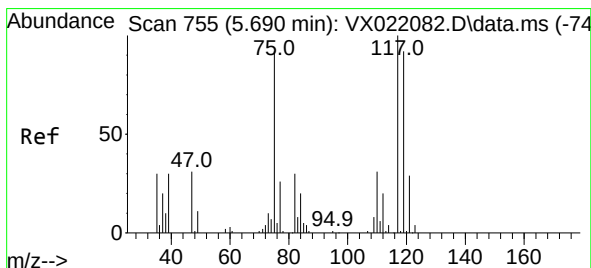
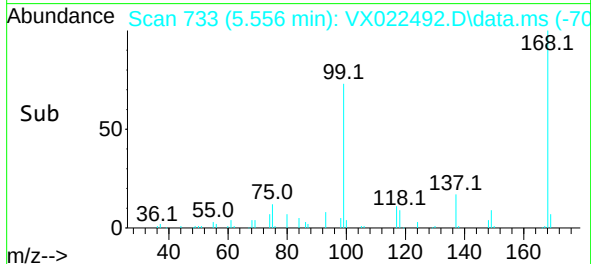
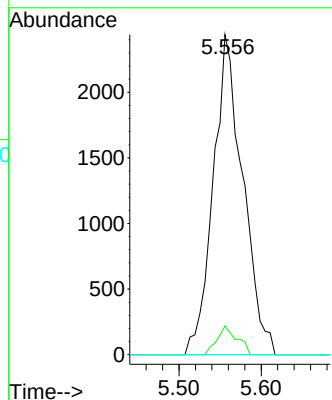
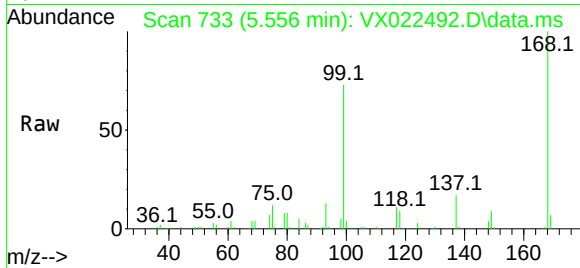




#36
1,1-Dichloropropene
Concen: 5.345 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

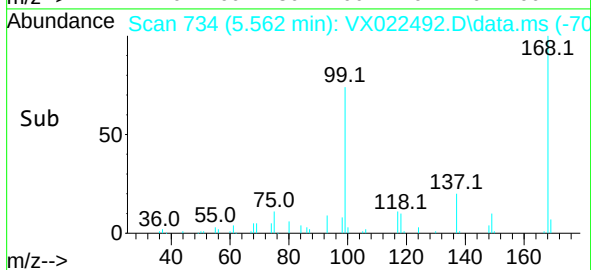
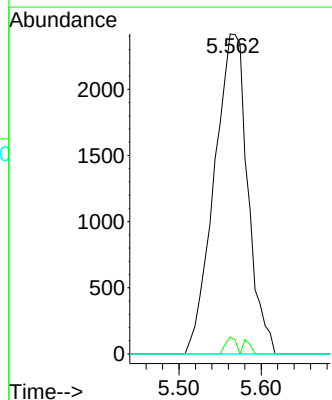
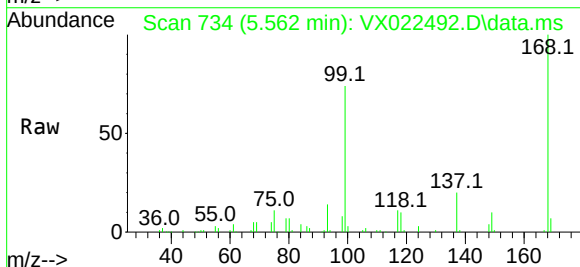
Instrument :
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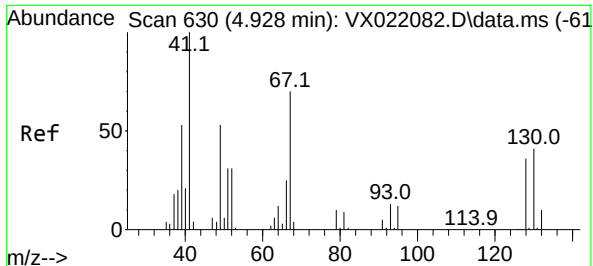
Tgt Ion: 75 Resp: 6108
Ion Ratio Lower Upper
75 100
110 6.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

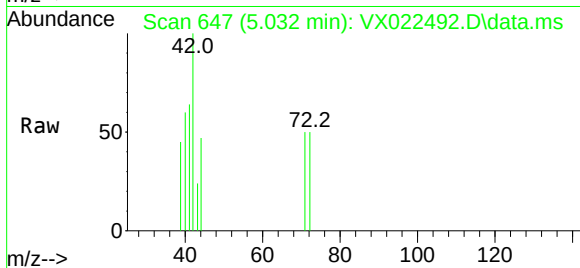
Tgt Ion: 117 Resp: 6846
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



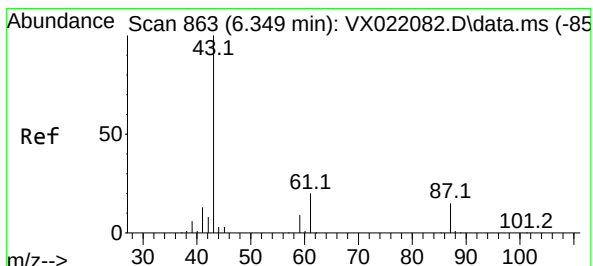
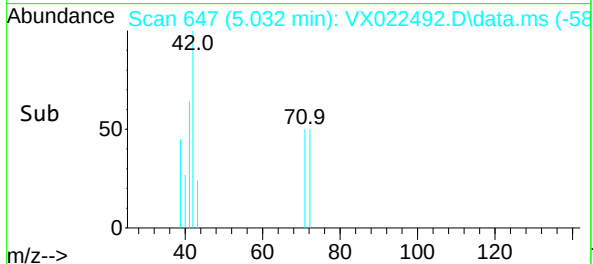
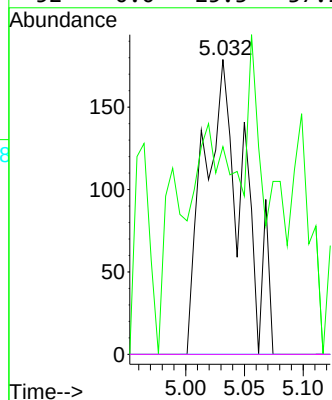


#41
Methacrylonitrile
Concen: 0.554 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

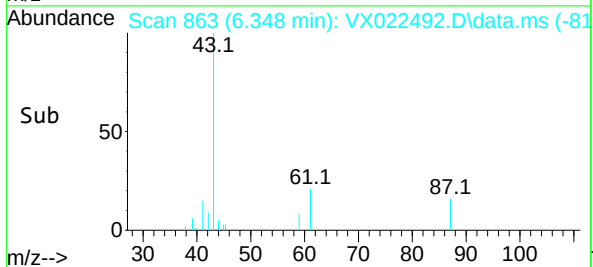
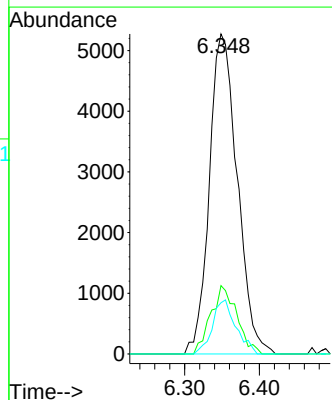
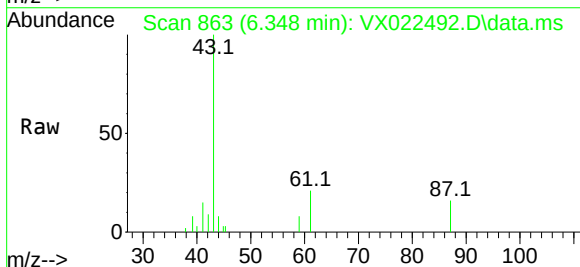


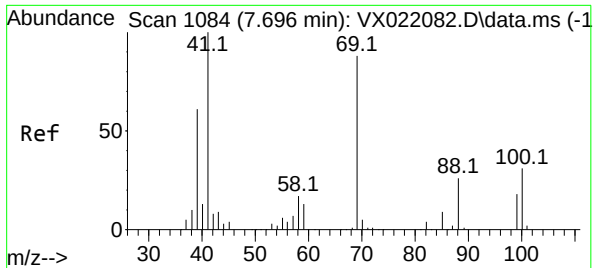
Tgt Ion: 41	Resp: 415
Ion Ratio	Lower Upper
41 100	
39 62.7	42.5 63.7
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#43
Isopropyl Acetate
Concen: 5.983 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 43	Resp: 13708
Ion Ratio	Lower Upper
43 100	
61 19.9	18.2 27.4
87 14.2	12.5 18.7

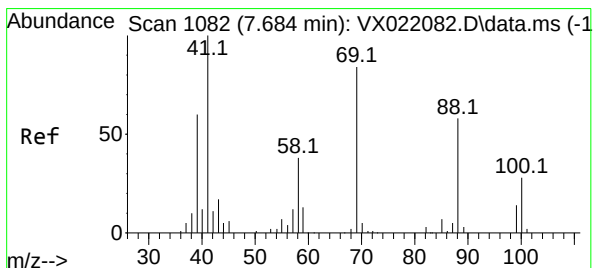
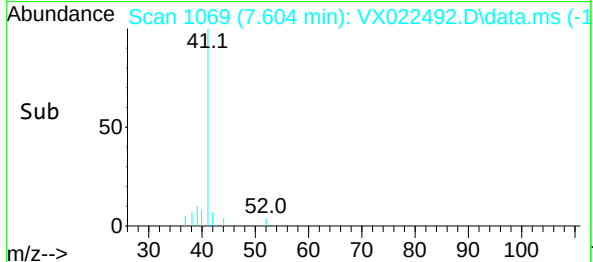
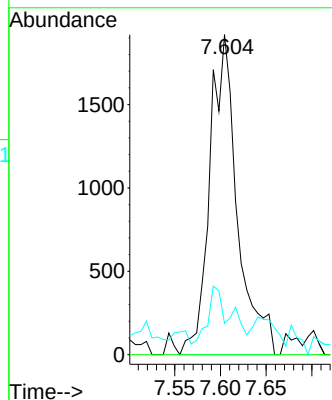
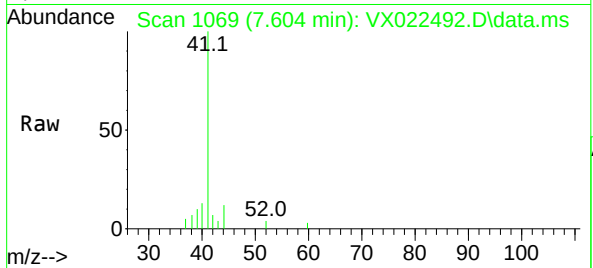




#48
Methyl methacrylate
Concen: 3.821 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

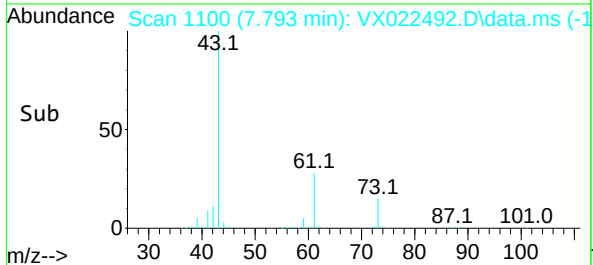
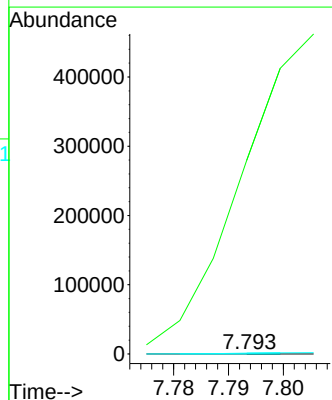
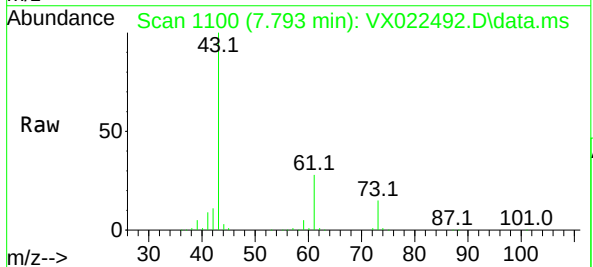
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

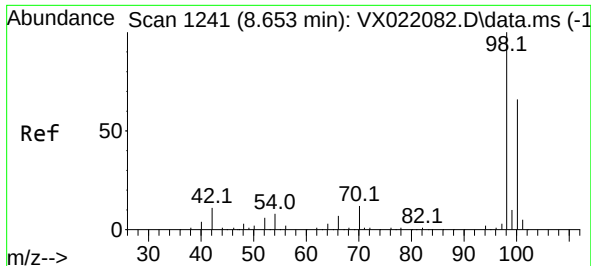
Tgt Ion: 41 Resp: 4035
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 0.924 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 4141521.1 23.2 34.8#
58 16821.1 55.0 82.4#

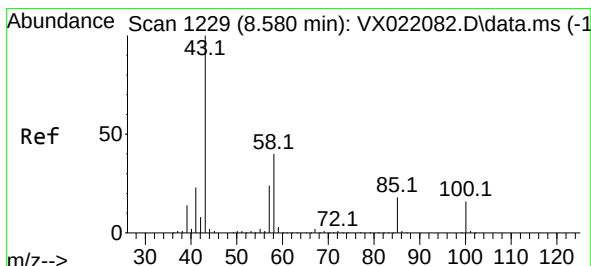
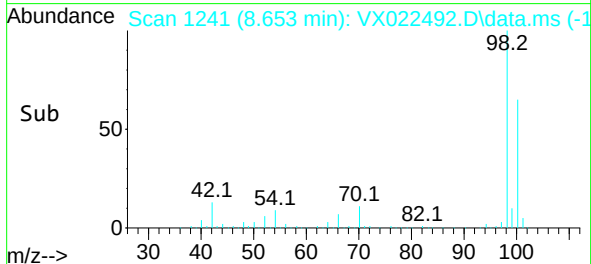
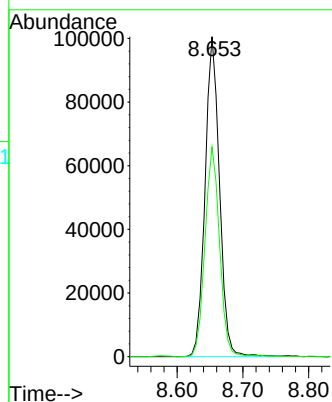
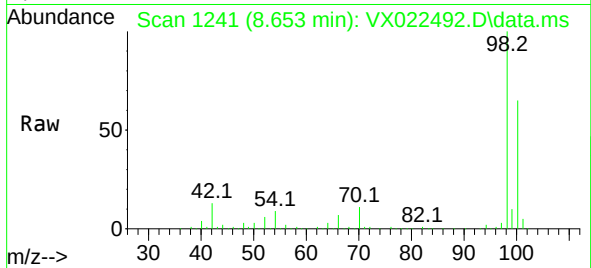




#50
Toluene-d8
Concen: 50.869 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

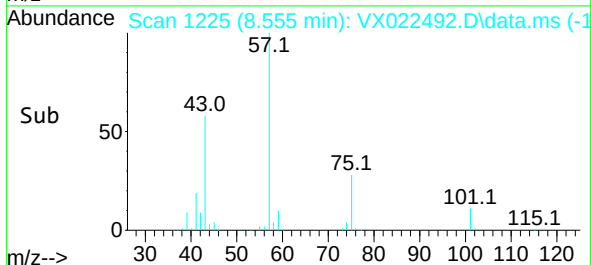
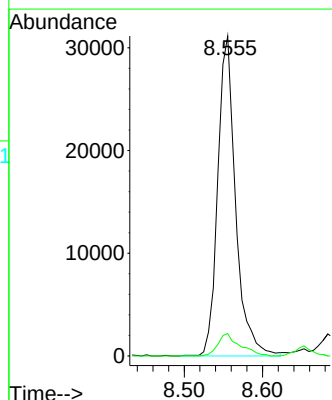
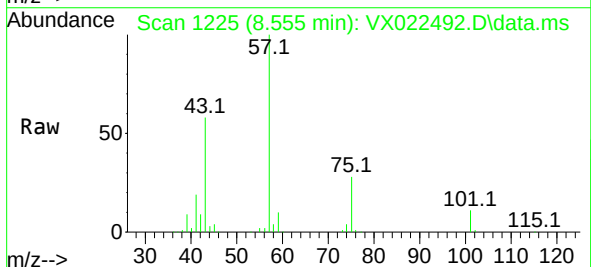
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

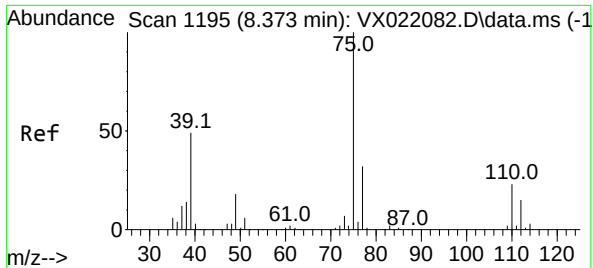
Tgt Ion: 98 Resp: 153570
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 36.053 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 43 Resp: 49484
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

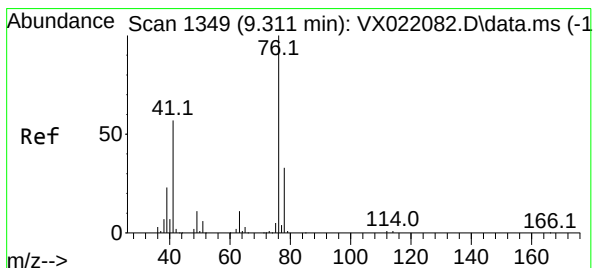
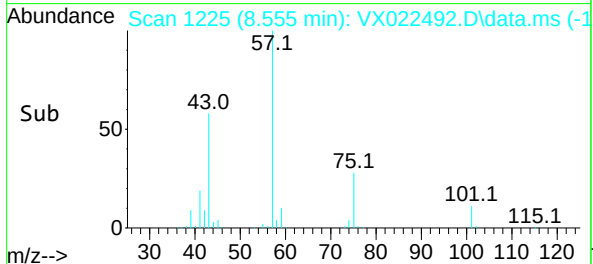
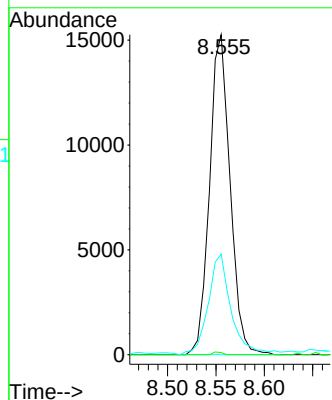
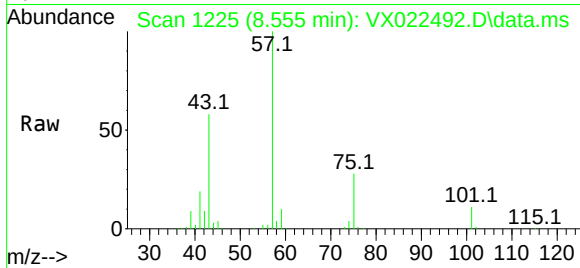




#54
 cis-1,3-Dichloropropene
 Concen: 14.914 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022492.D
 Acq: 06 Jun 2021 20:53

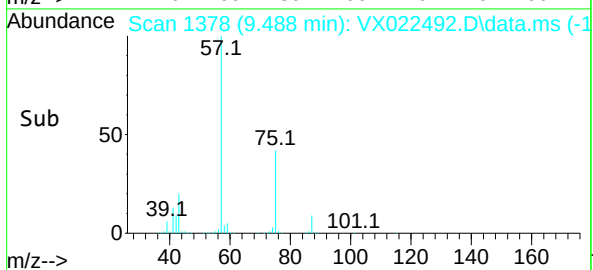
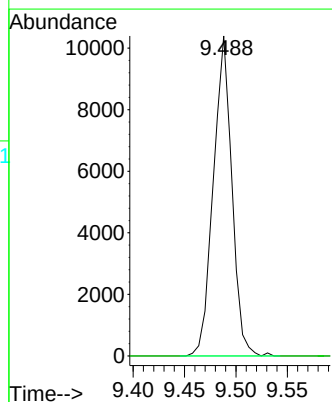
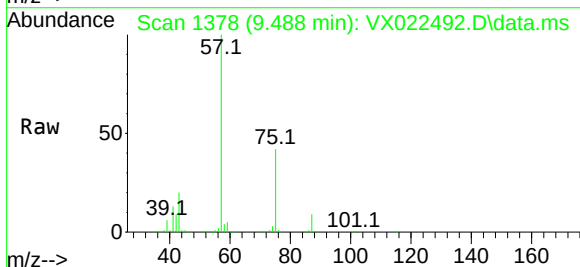
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#01

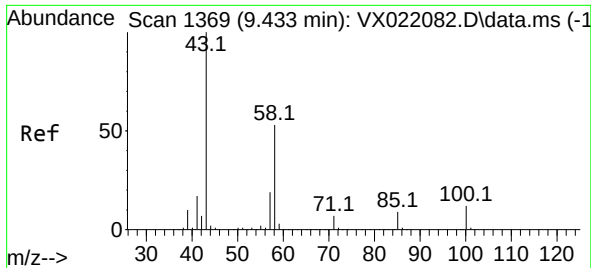
Tgt Ion: 75 Resp: 22537
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 31.4 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 8.462 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022492.D
 Acq: 06 Jun 2021 20:53

Tgt Ion: 76 Resp: 13060
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

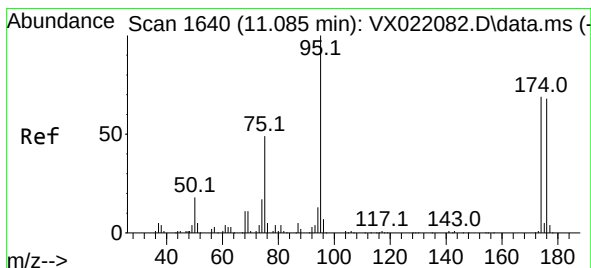
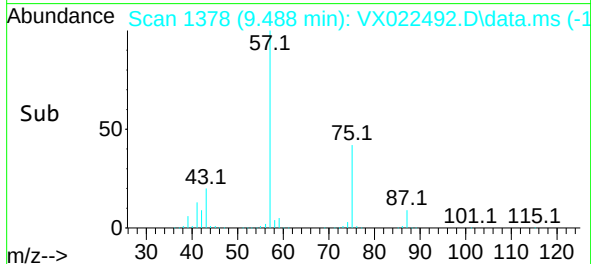
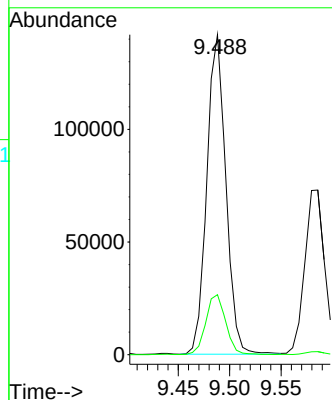
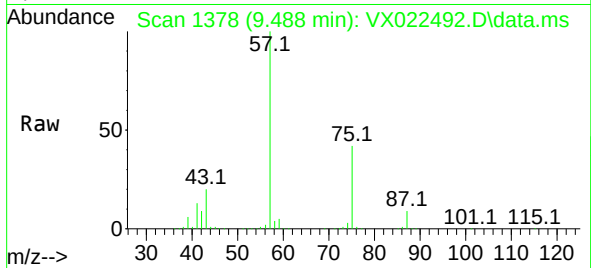




#59
2-Hexanone
Concen: 177.104 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

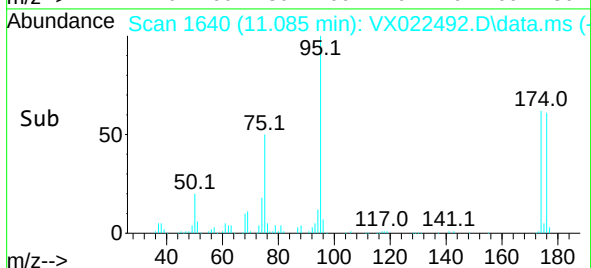
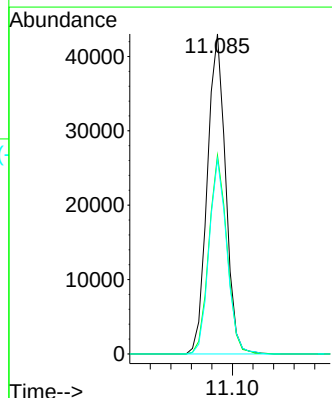
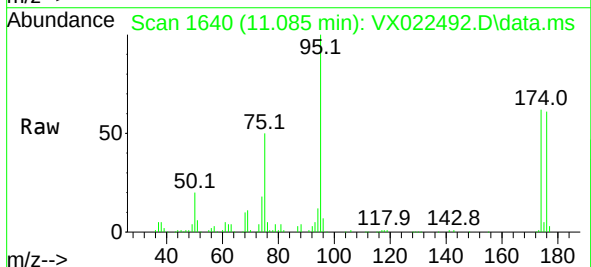
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

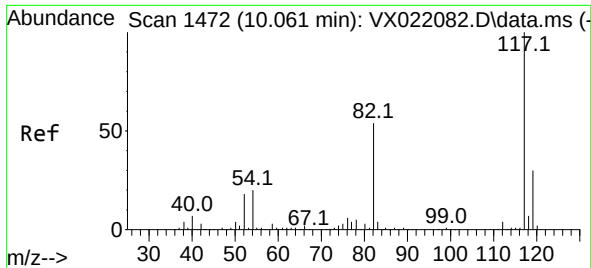
Tgt Ion: 43 Resp: 182824
Ion Ratio Lower Upper
43 100
58 19.6 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.661 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 95 Resp: 53183
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 59.3 0.0 155.8

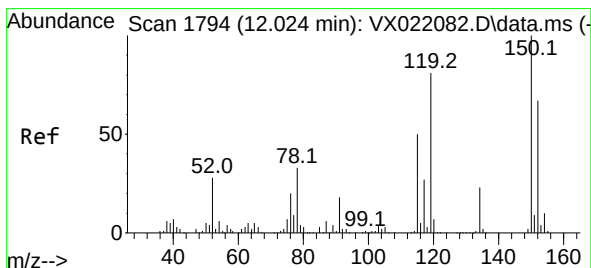
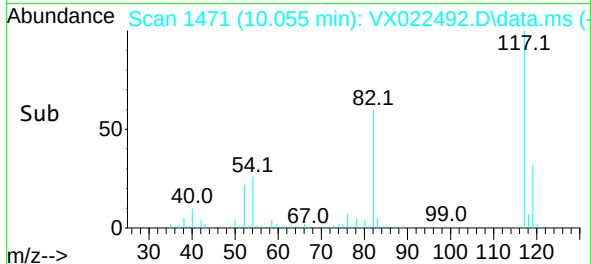
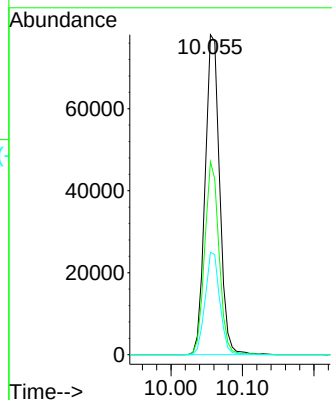
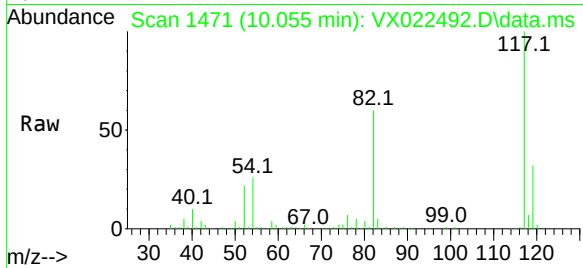




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

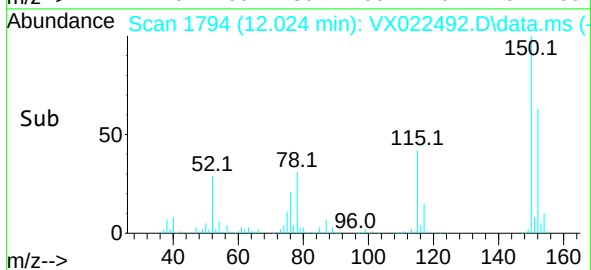
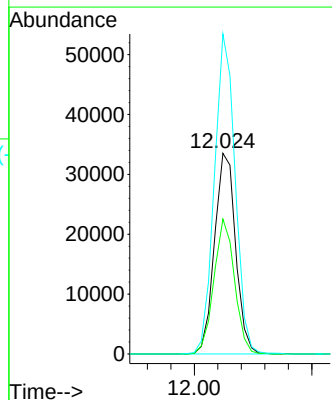
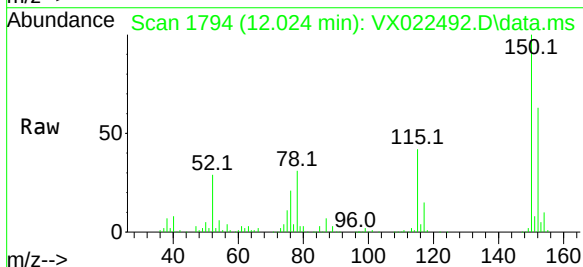
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

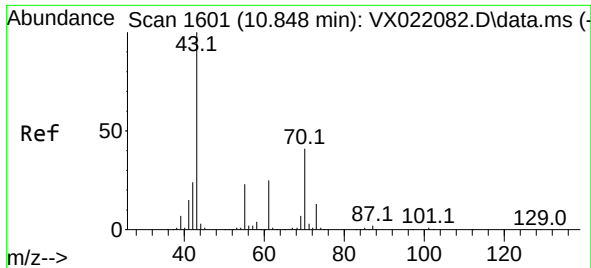
Tgt Ion:117 Resp: 110364
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion:152 Resp: 41912
Ion Ratio Lower Upper
152 100
115 65.6 41.1 123.3
150 156.7 0.0 349.0

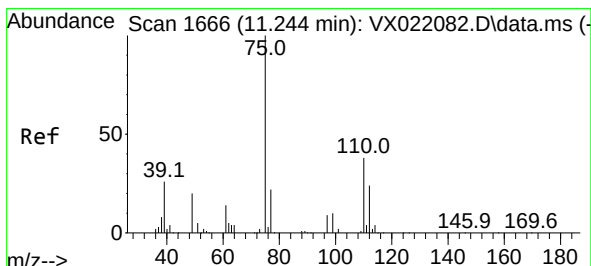
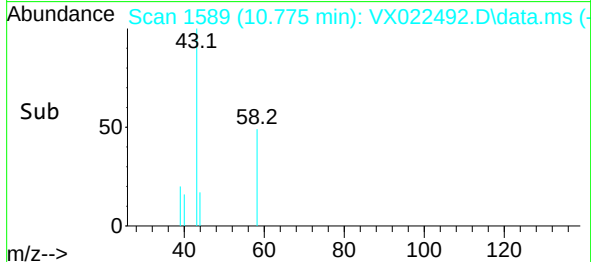
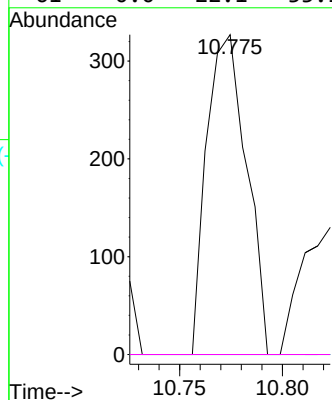
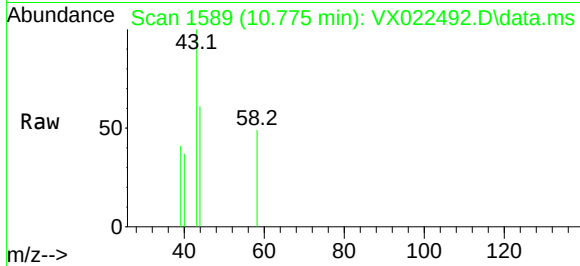




#74
N-amy1 acetate
Concen: 0.262 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

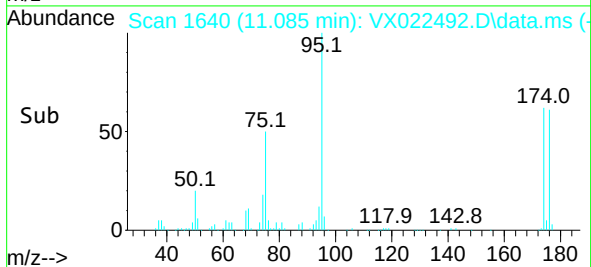
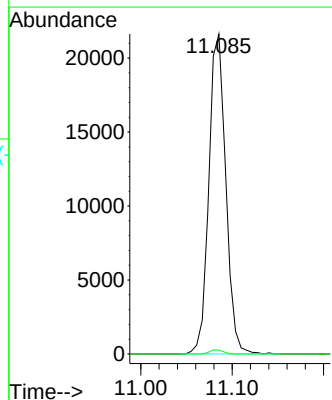
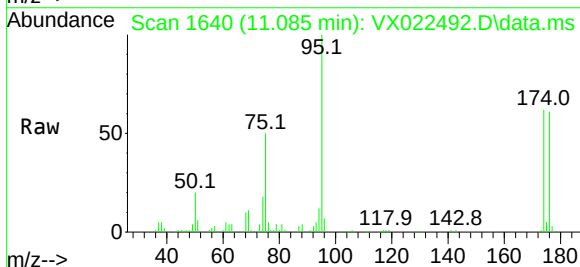
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

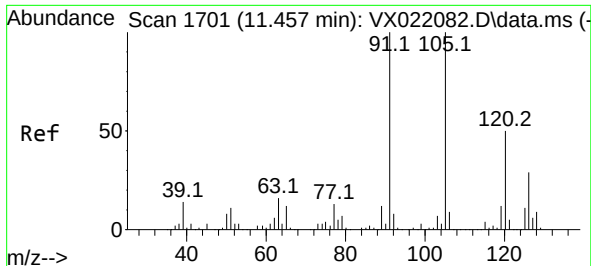
Tgt Ion: 43	Resp:	441
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.877 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 75	Resp:	27790
Ion	Ratio	Lower Upper
75	100	
77	1.0	19.1 57.5#

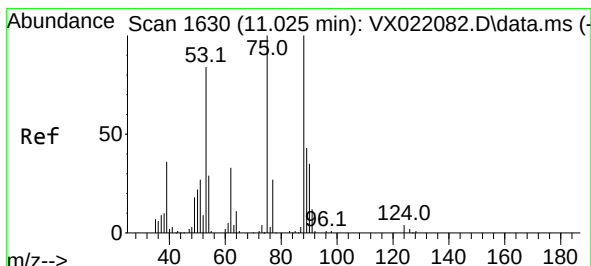
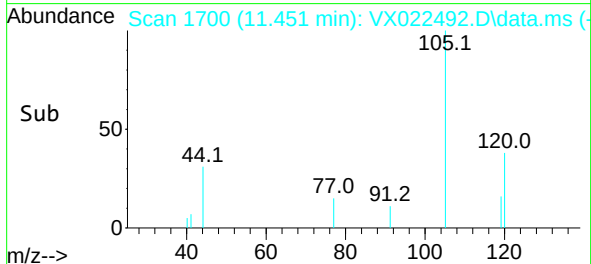
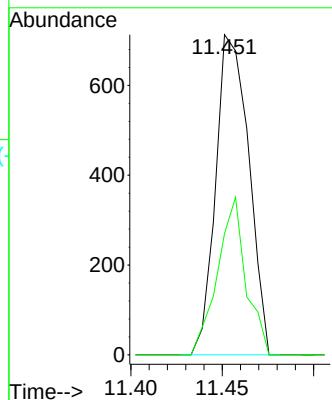
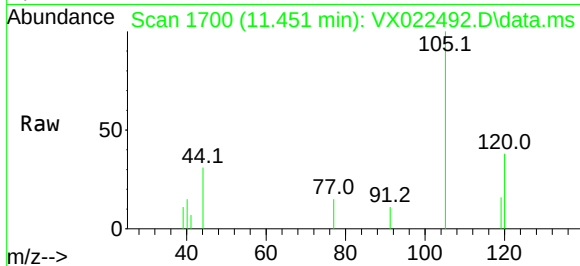




#80
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#01

Tgt Ion:105 Resp: 897
Ion Ratio Lower Upper
105 100
120 42.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.681 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022492.D
Acq: 06 Jun 2021 20:53

Tgt Ion: 75 Resp: 27790
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

