

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022483.D
 Acq On : 06 Jun 2021 17:22
 Operator : JC/MD
 Sample : PB136837ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136837ZHE#11

Quant Time: Jun 07 04:25:56 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)

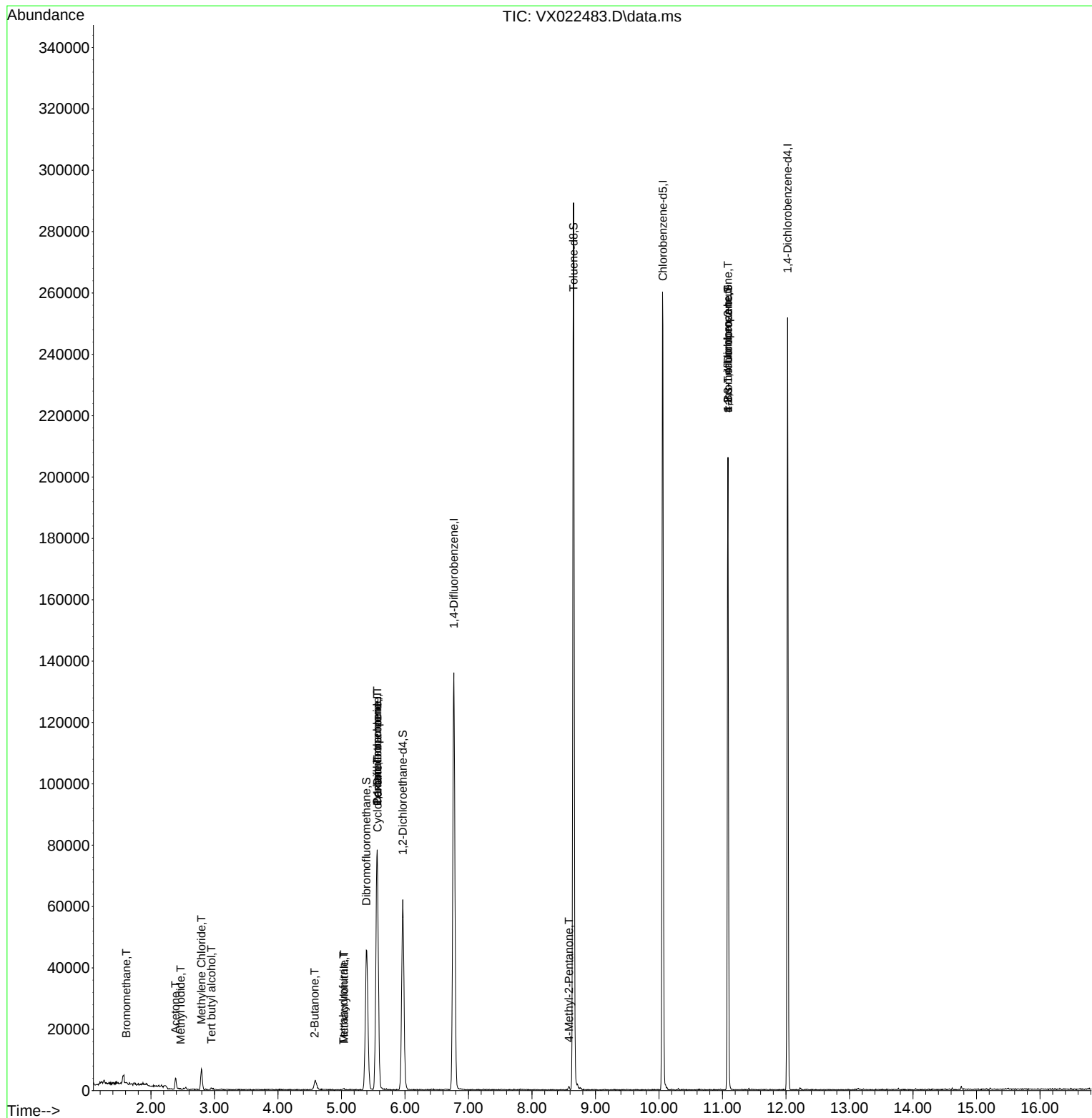
Internal Standards						
1) Pentafluorobenzene	5.562	168	64074	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	114416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54079	54.714	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.420%	
35) Dibromofluoromethane	5.391	113	39379	46.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.920%	
50) Toluene-d8	8.653	98	161410	49.435	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	11.085	95	55446	45.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	288	0.556	ug/l	# 53
10) Methyl Iodide	2.465	142	228	0.279	ug/l	# 87
11) Tert butyl alcohol	2.953	59	381	1.685	ug/l	# 73
16) Acetone	2.386	43	3696	8.588	ug/l	95
20) Methylene Chloride	2.794	84	2672	2.796	ug/l	# 71
25) 2-Butanone	4.574	43	1295	1.860	ug/l	# 69
29) Tetrahydrofuran	5.032	42	332	0.801	ug/l	# 27
31) Cyclohexane	5.568	56	1822	1.467	ug/l	# 4
36) 1,1-Dichloropropene	5.562	75	6382	5.164	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7659	6.335	ug/l	# 17
41) Methacrylonitrile	5.044	41	166	0.205	ug/l	# 21
51) 4-Methyl-2-Pentanone	8.580	43	755	0.509	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	29687	27.269	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29687	64.610	ug/l	# 12

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

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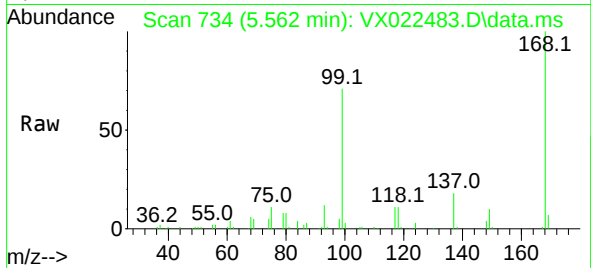
Quant Time: Jun 07 04:25:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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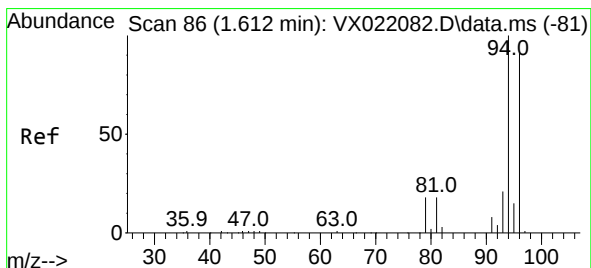
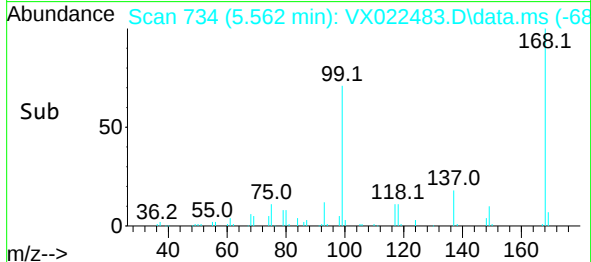
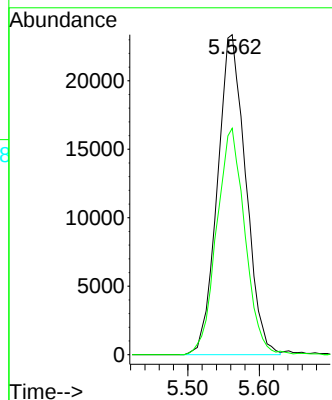


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

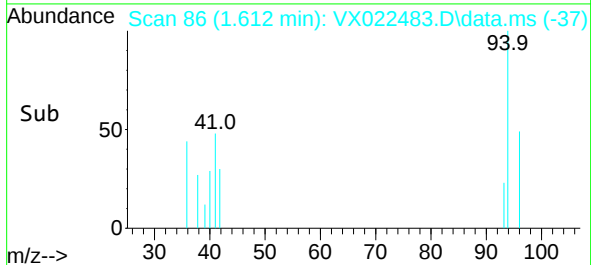
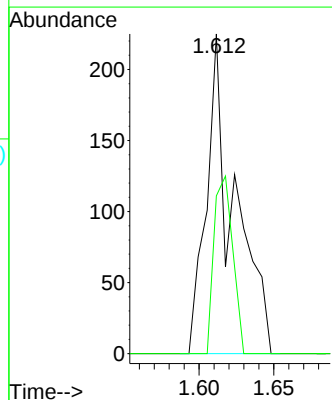
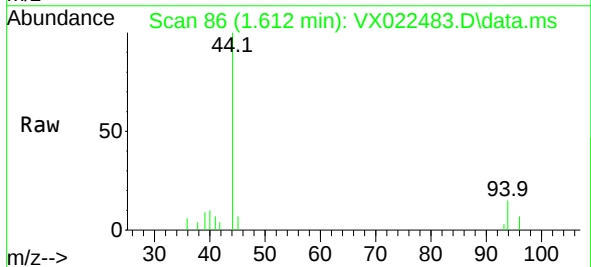


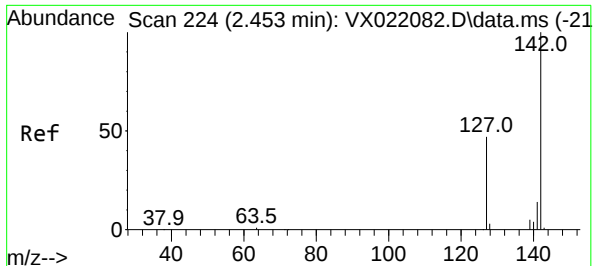
Tgt Ion:168 Resp: 64074
Ion Ratio Lower Upper
168 100
99 70.7 45.8 68.6#



#5
Bromomethane
Concen: 0.556 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

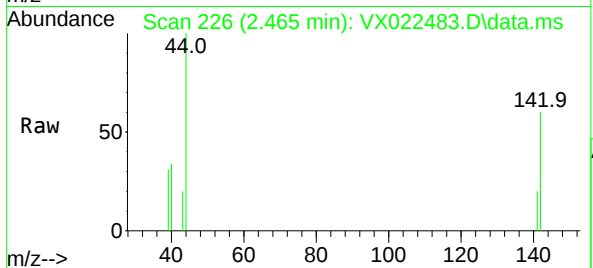
Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 49.3 76.4 114.6#



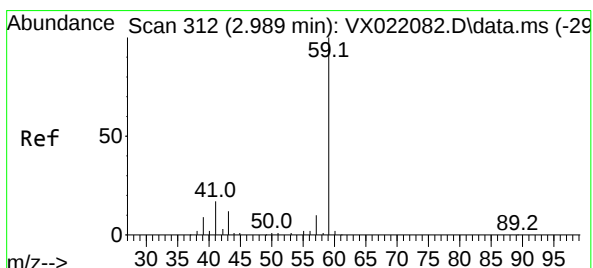
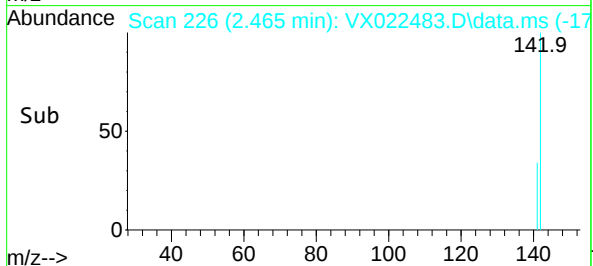
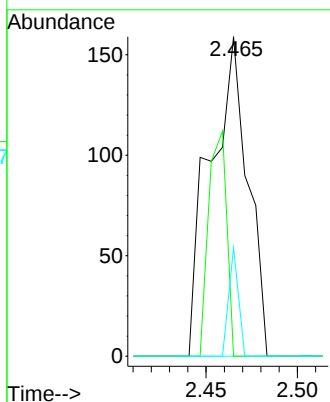


#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

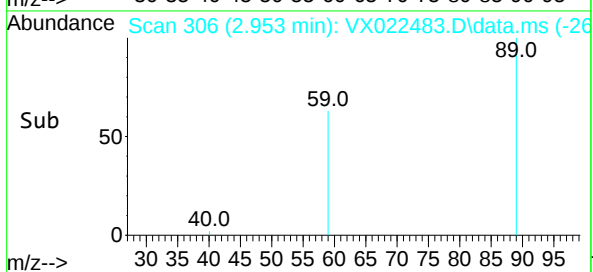
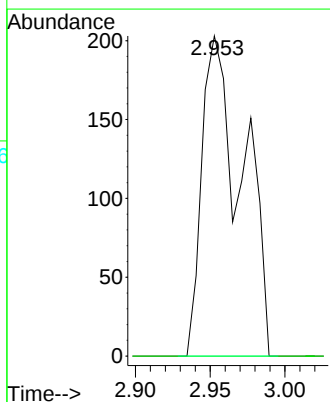
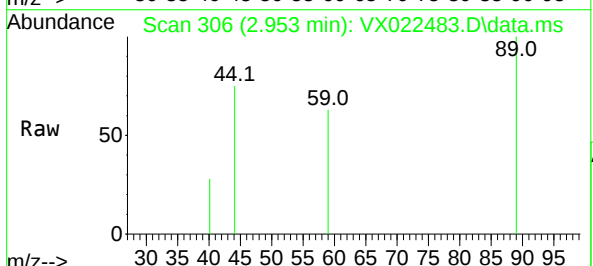


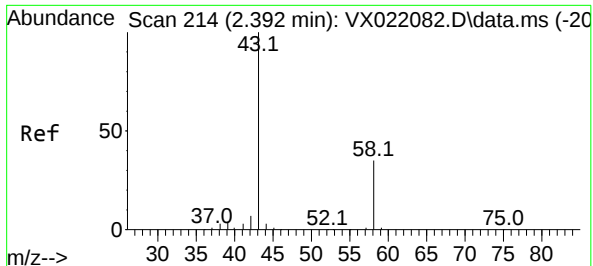
Tgt Ion:142 Resp: 228
Ion Ratio Lower Upper
142 100
127 33.3 33.3 49.9
141 8.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.685 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Tgt Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

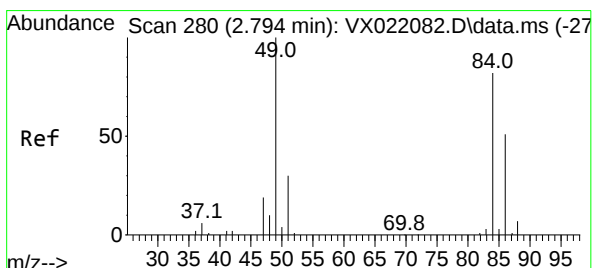
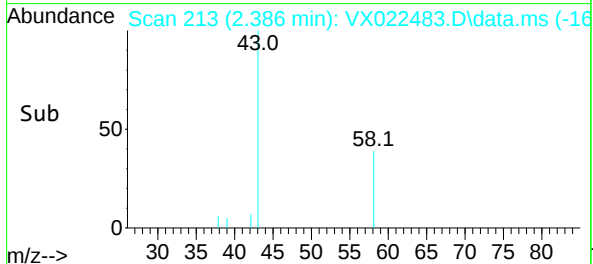
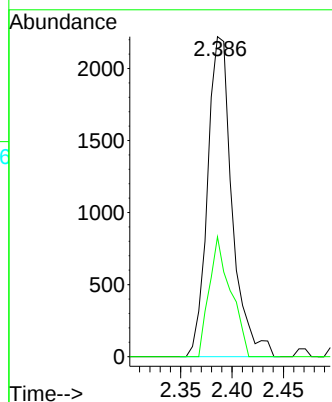
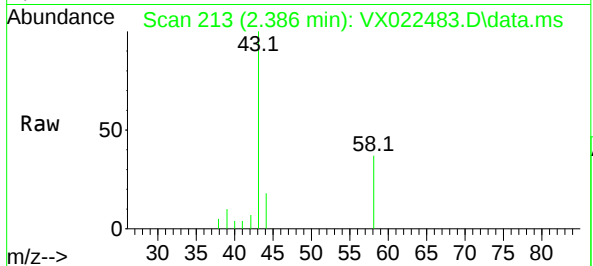




#16
Acetone
Concen: 8.588 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

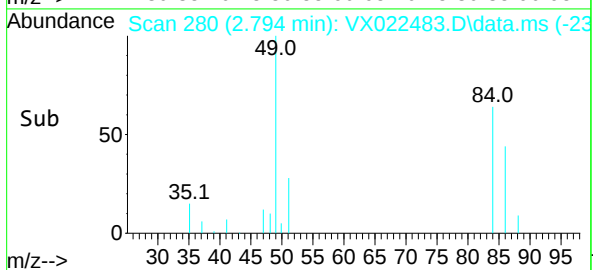
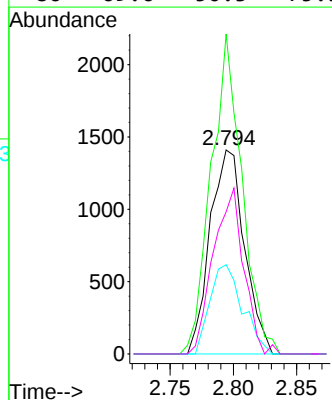
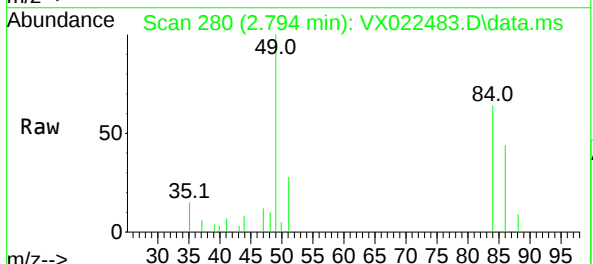
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

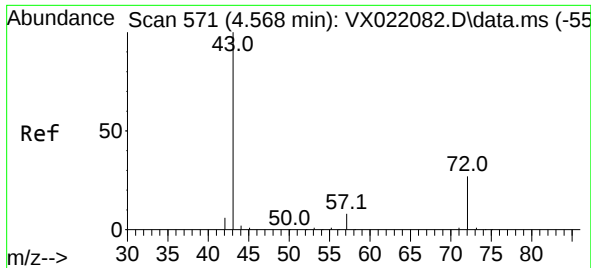
Tgt Ion: 43 Resp: 3696
Ion Ratio Lower Upper
43 100
58 37.5 27.8 41.8



#20
Methylene Chloride
Concen: 2.796 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Tgt Ion: 84 Resp: 2672
Ion Ratio Lower Upper
84 100
49 156.9 88.6 132.8#
51 43.8 27.0 40.6#
86 69.6 50.3 75.5

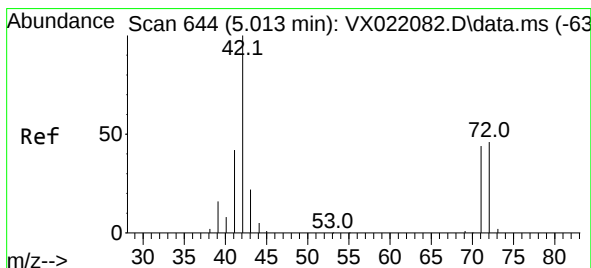
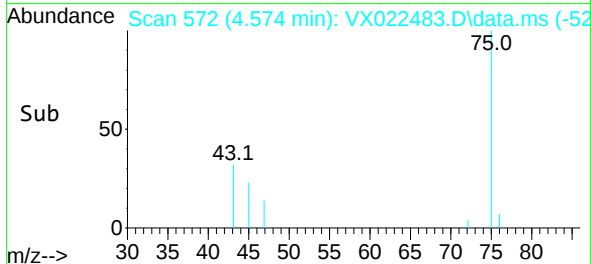
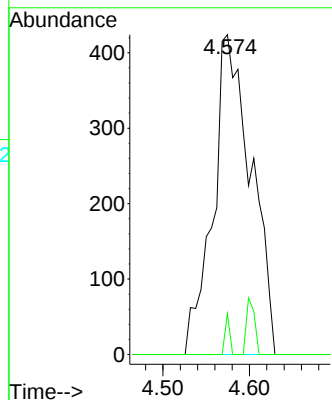
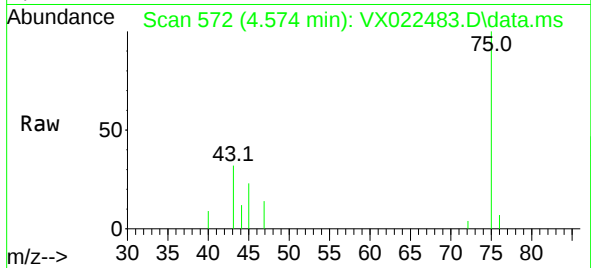




#25
2-Butanone
Concen: 1.860 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

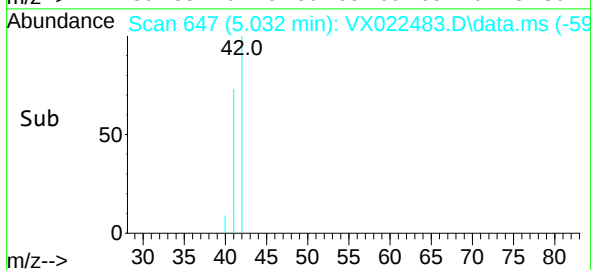
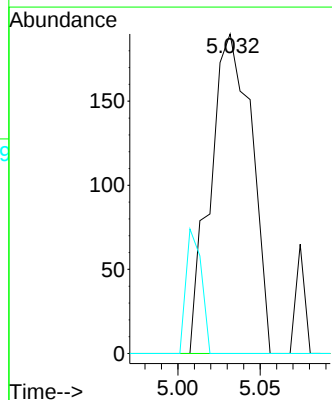
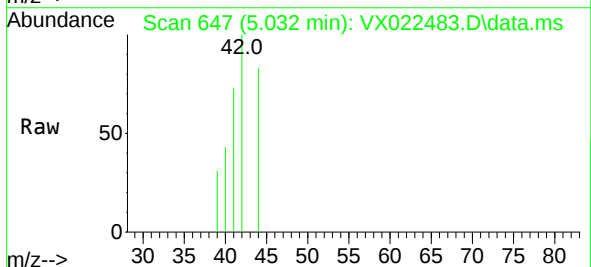
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

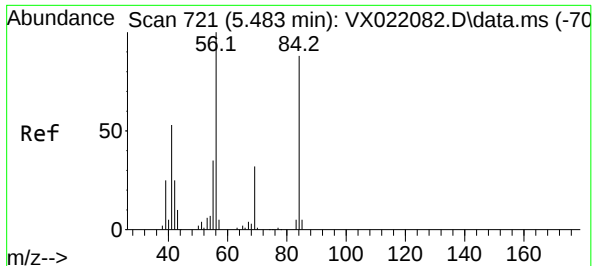
Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
72 12.7 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.801 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

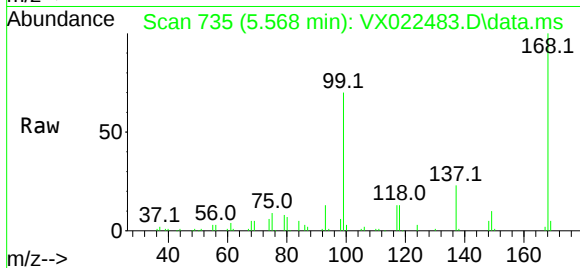
Tgt Ion: 42 Resp: 332
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



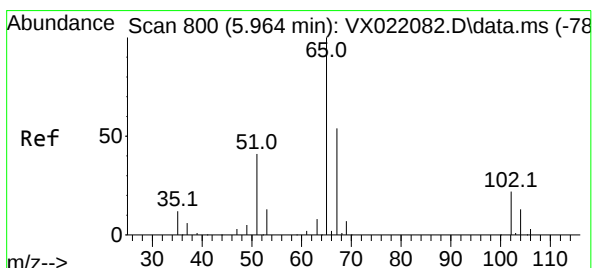
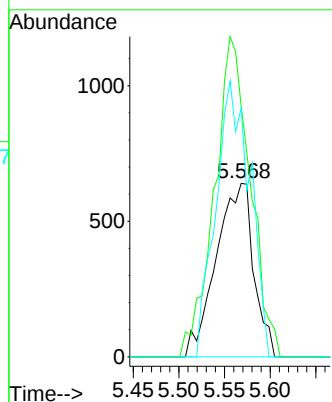
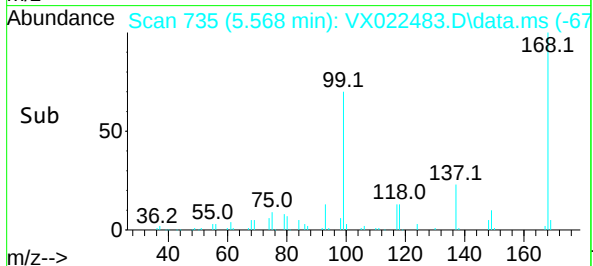


#31
Cyclohexane
Concen: 1.467 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

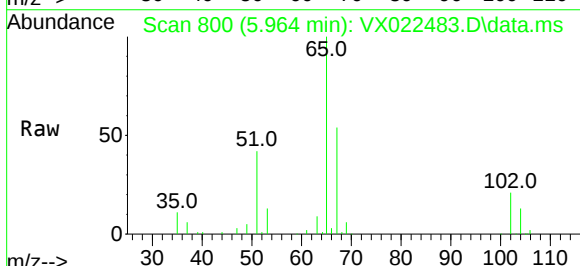
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11



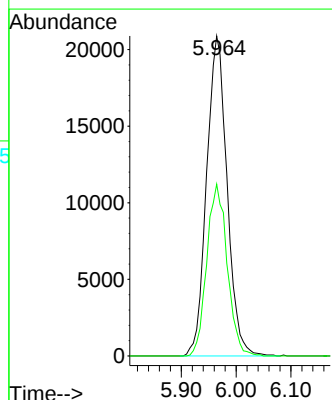
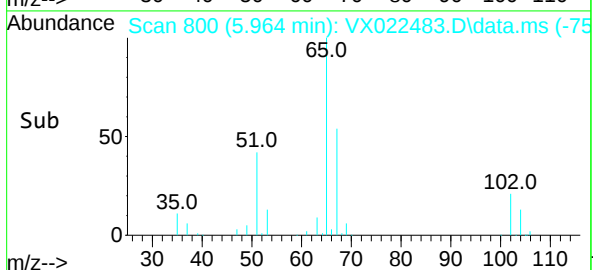
Tgt Ion: 56 Resp: 1822
Ion Ratio Lower Upper
56 100
69 144.5 25.3 37.9#
84 143.1 71.4 107.0#

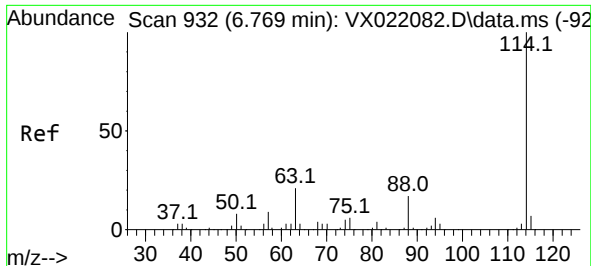


#33
1,2-Dichloroethane-d4
Concen: 54.714 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22



Tgt Ion: 65 Resp: 54079
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

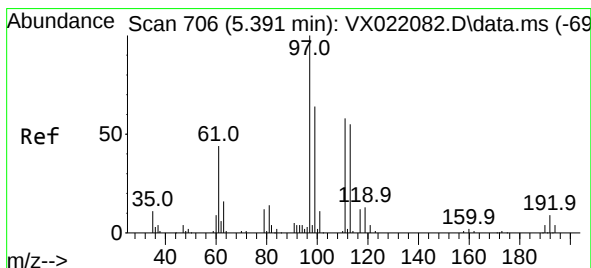
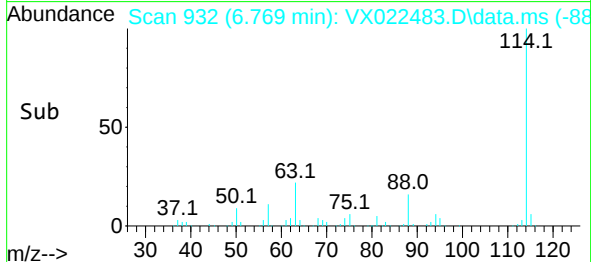
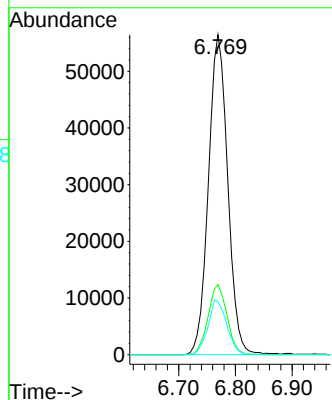
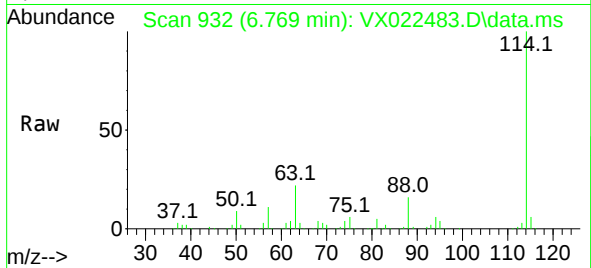




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

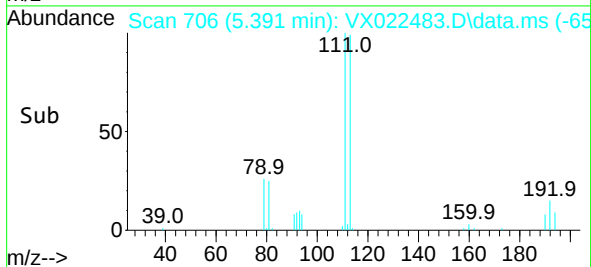
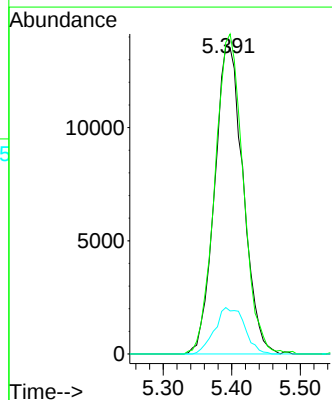
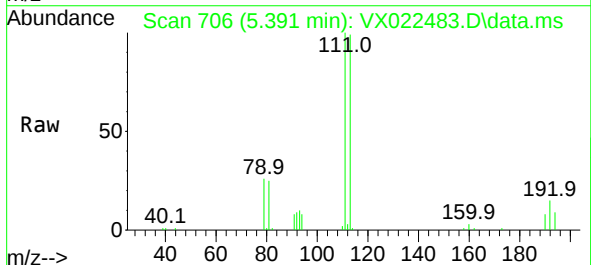
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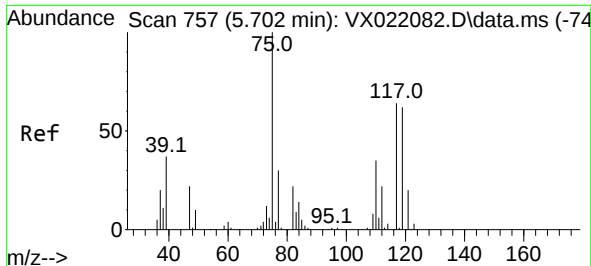
Tgt Ion:114 Resp: 133661
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.459 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Tgt Ion:113 Resp: 39379
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 15.7 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.164 ug/l

RT: 5.562 min Scan# 734

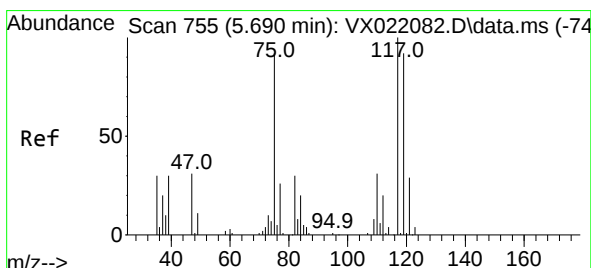
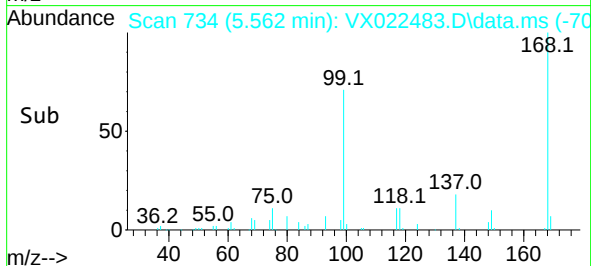
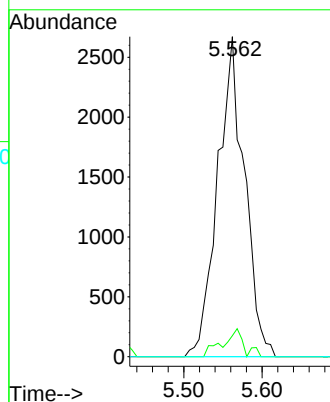
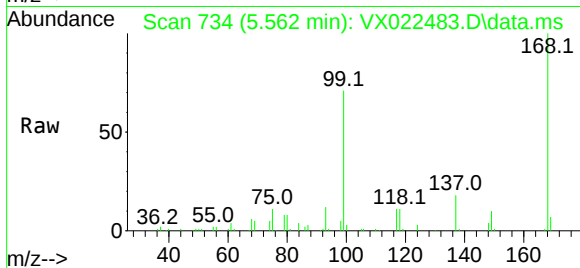
Delta R.T. -0.140 min

Lab File: VX022483.D

Acq: 06 Jun 2021 17:22

Tgt Ion: 75	Resp: 6382
Ion Ratio	Lower Upper
75 100	
110 6.9	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11



#38

Carbon Tetrachloride

Concen: 6.335 ug/l

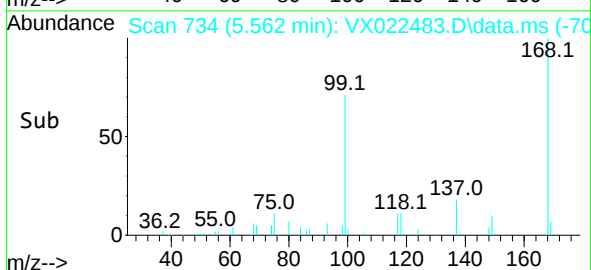
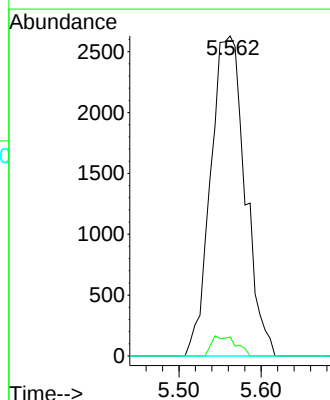
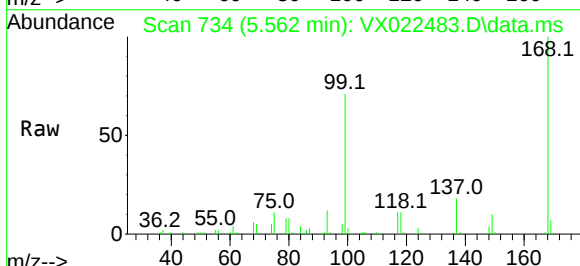
RT: 5.562 min Scan# 734

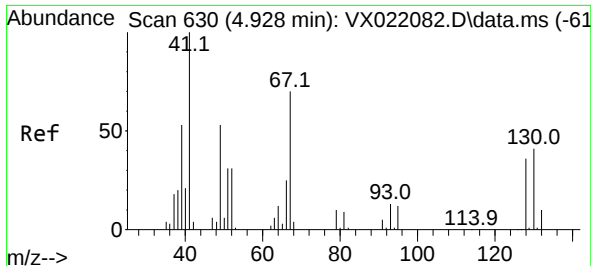
Delta R.T. -0.128 min

Lab File: VX022483.D

Acq: 06 Jun 2021 17:22

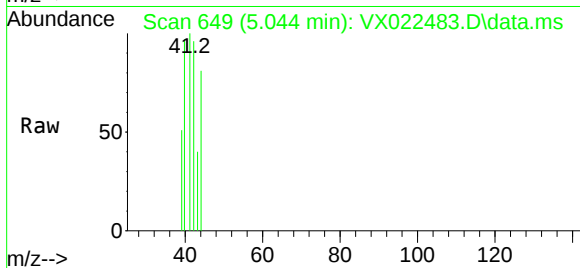
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Ion Ratio	Lower Upper
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119 5.9	76.2 114.2#
121 0.0	24.8 37.2#



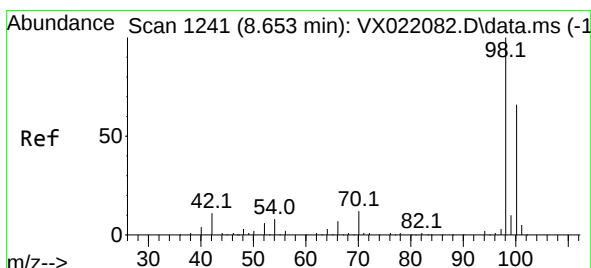
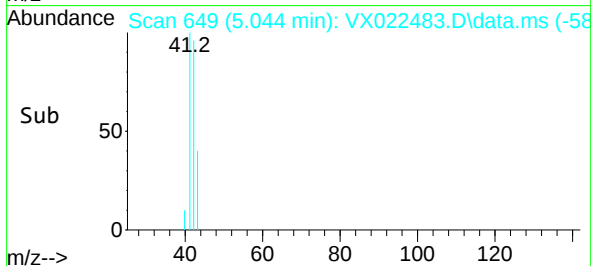
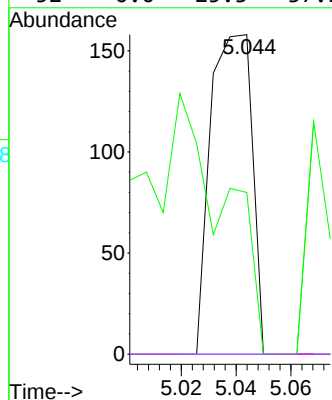


#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

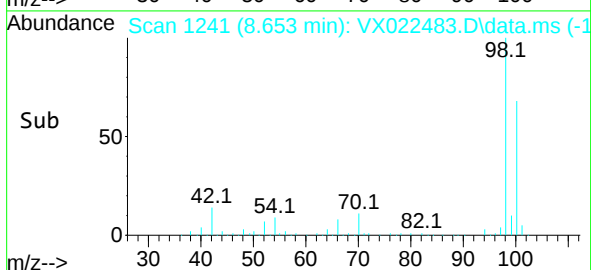
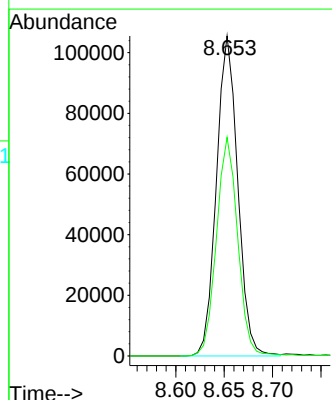
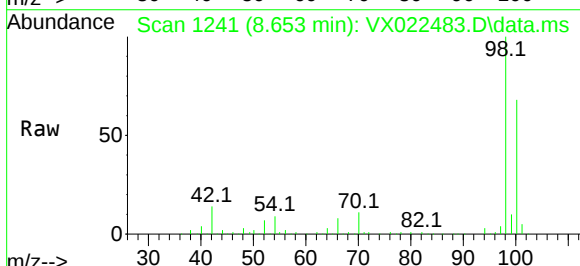


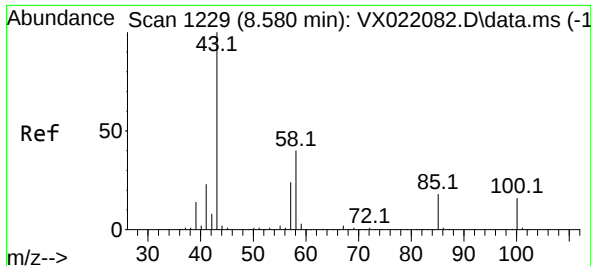
Tgt Ion:	41	Resp:	166
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 49.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Tgt Ion:	98	Resp:	161410
Ion	Ratio	Lower	Upper
98	100		
100	68.2	51.9	77.9

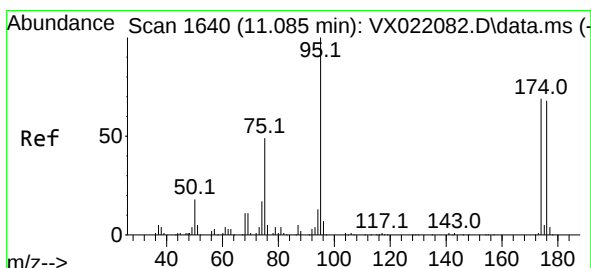
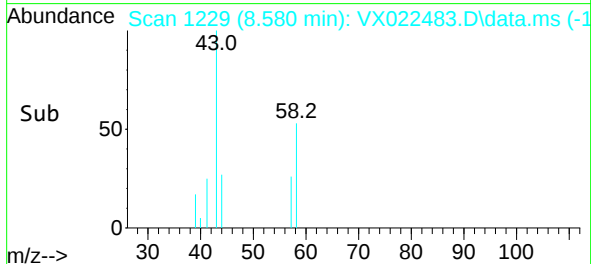
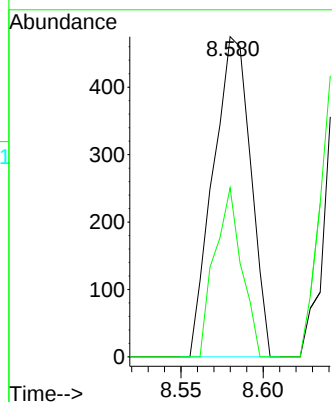
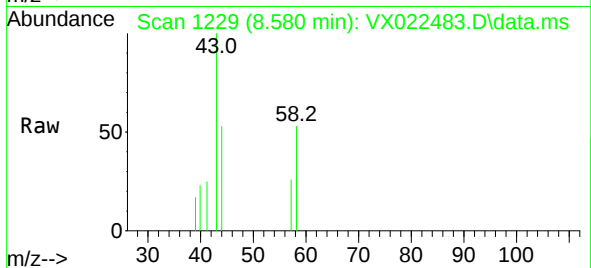




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

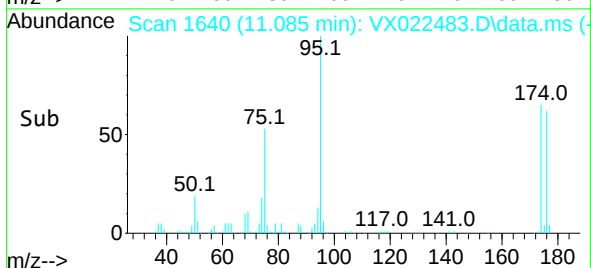
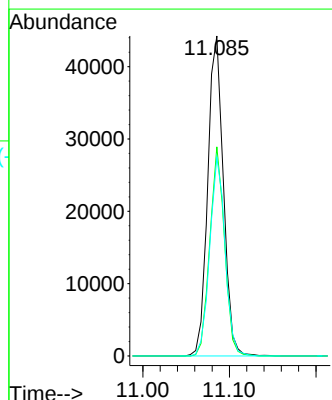
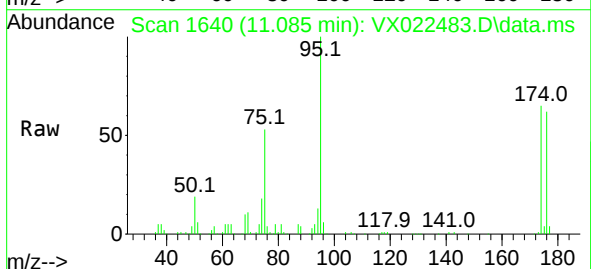
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

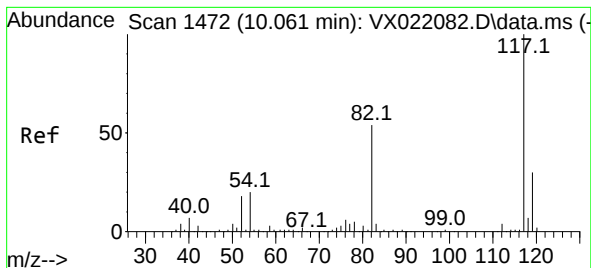
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 37.9 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 45.943 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Tgt Ion: 95 Resp: 55446
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 60.9 0.0 155.8

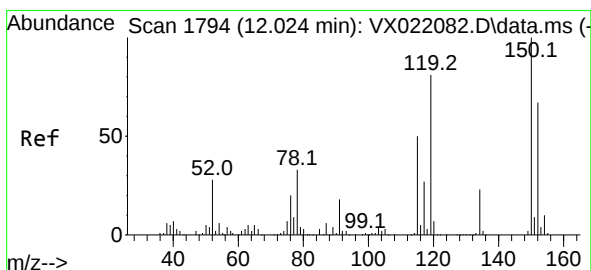
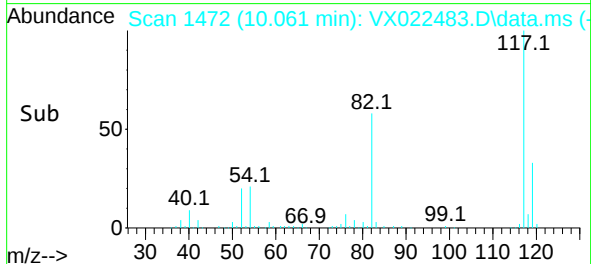
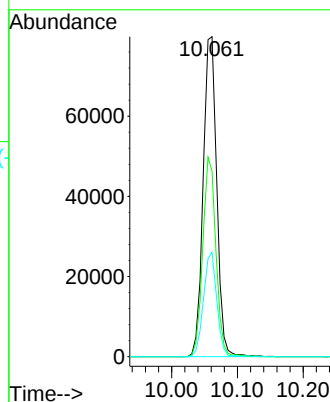
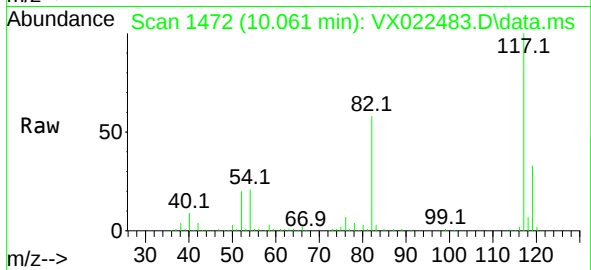




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

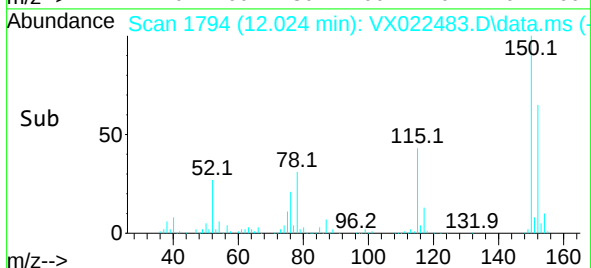
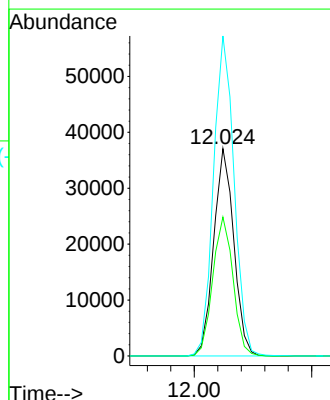
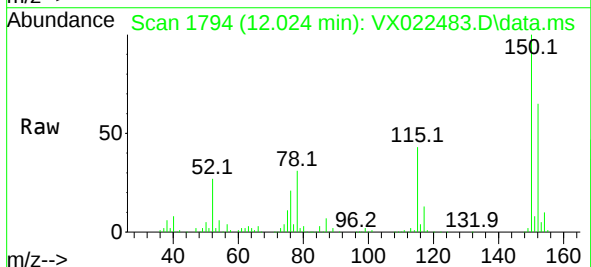
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

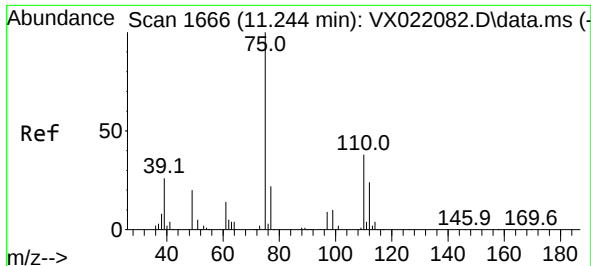
Tgt Ion:117 Resp: 114416
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Tgt Ion:152 Resp: 44129
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 157.9 0.0 349.0

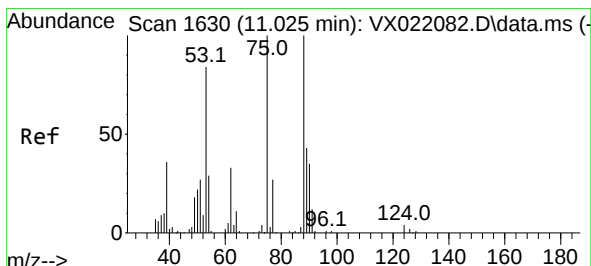
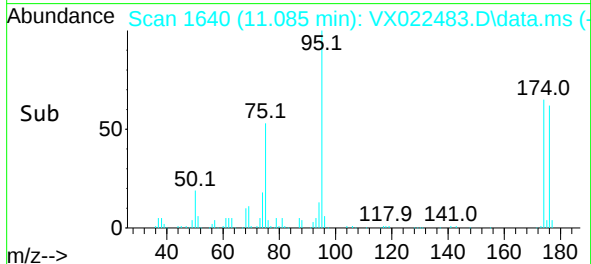
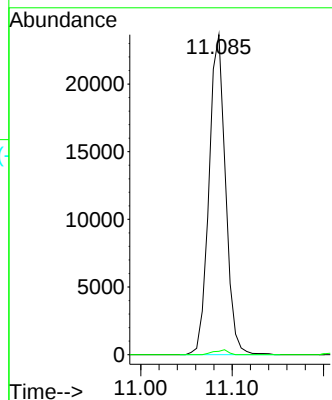
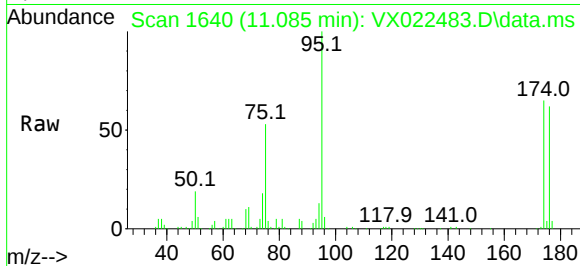




#76
1,2,3-Trichloropropane
Concen: 27.269 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#11

Tgt Ion: 75 Resp: 29687
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.610 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022483.D
Acq: 06 Jun 2021 17:22

Tgt Ion: 75 Resp: 29687
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

