

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022482.D
 Acq On : 06 Jun 2021 16:59
 Operator : JC/MD
 Sample : PB136837TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136837TB

Quant Time: Jun 07 04:25:40 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)

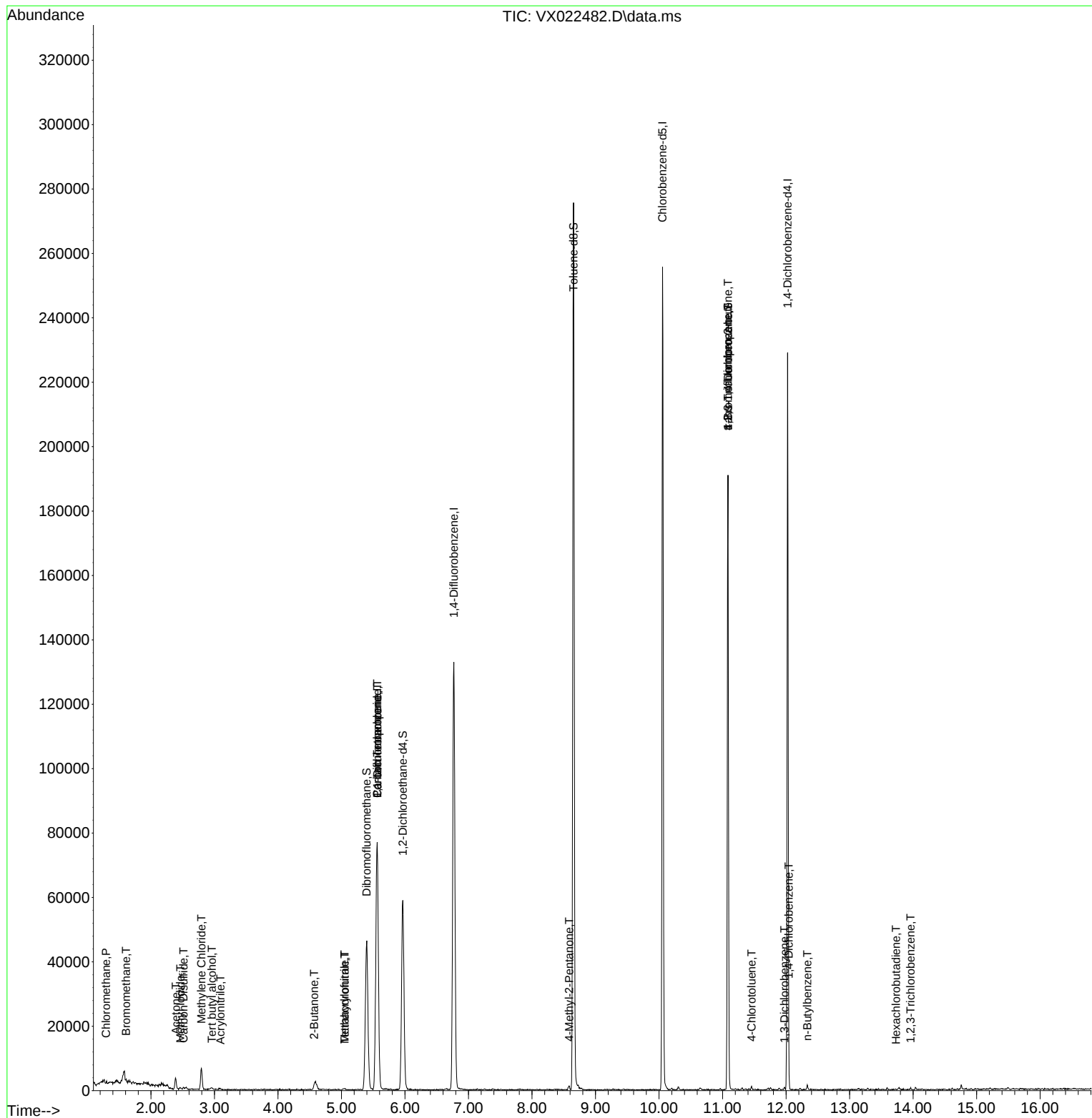
Internal Standards						
1) Pentafluorobenzene	5.562	168	65889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53374	52.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.020%
35) Dibromofluoromethane	5.397	113	39894	47.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	8.653	98	159303	49.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.085	95	51305	42.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.720%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	227	0.263	ug/l	90
5) Bromomethane	1.605	94	196	0.368	ug/l #	26
10) Methyl Iodide	2.465	142	544	0.648	ug/l #	86
11) Tert butyl alcohol	2.959	59	363	1.562	ug/l #	73
15) Acrylonitrile	3.093	53	144	0.315	ug/l #	77
16) Acetone	2.392	43	3666	8.284	ug/l #	87
17) Carbon Disulfide	2.514	76	654	0.331	ug/l #	93
20) Methylene Chloride	2.794	84	2787	2.836	ug/l #	83
25) 2-Butanone	4.568	43	1253	1.750	ug/l #	73
29) Tetrahydrofuran	5.050	42	306	0.718	ug/l #	48
36) 1,1-Dichloropropene	5.562	75	6272	5.116	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7438	6.203	ug/l #	14
41) Methacrylonitrile	5.050	41	184	0.229	ug/l #	42
51) 4-Methyl-2-Pentanone	8.586	43	736	0.500	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	28014	28.743	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	28014	68.104	ug/l #	12
82) 4-Chlorotoluene	11.457	91	551	0.201	ug/l #	67
87) 1,3-Dichlorobenzene	11.975	146	338	0.247	ug/l #	70
88) 1,4-Dichlorobenzene	12.043	146	350	0.248	ug/l #	1
89) n-Butylbenzene	12.335	91	556	0.211	ug/l #	68
94) Hexachlorobutadiene	13.731	225	69	0.223	ug/l #	19
96) 1,2,3-Trichlorobenzene	13.963	180	172	0.215	ug/l #	83

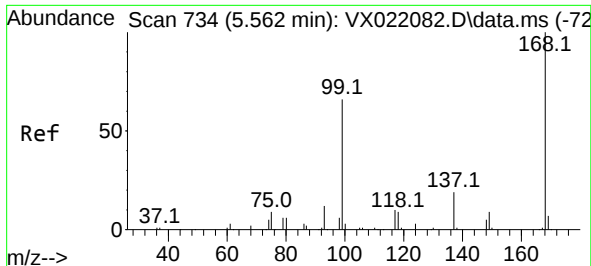
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

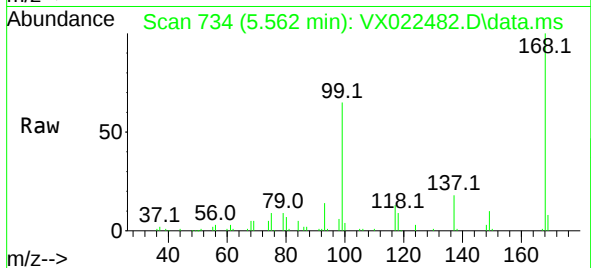
Quant Time: Jun 07 04:25:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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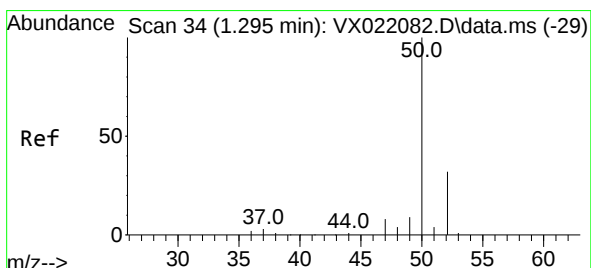
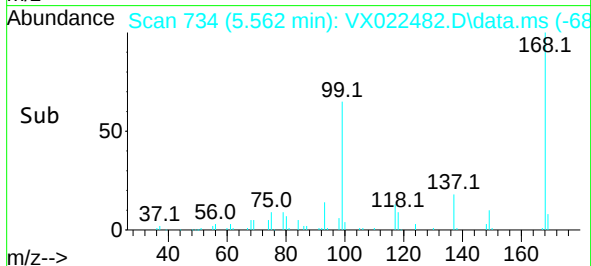
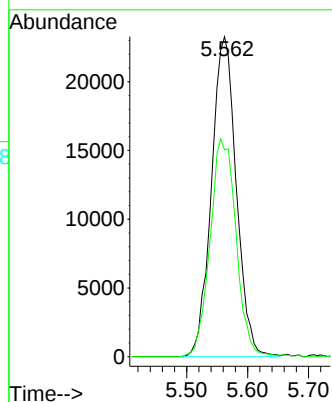


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

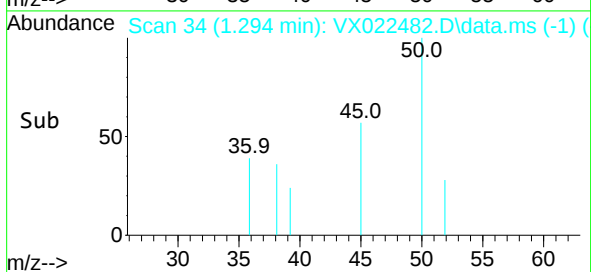
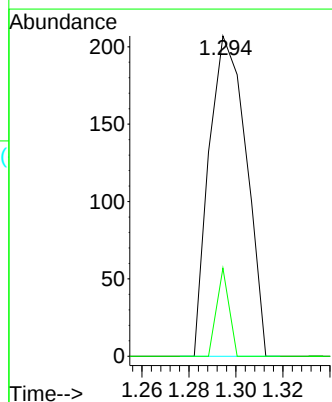
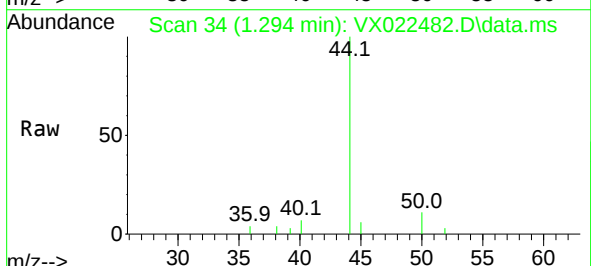


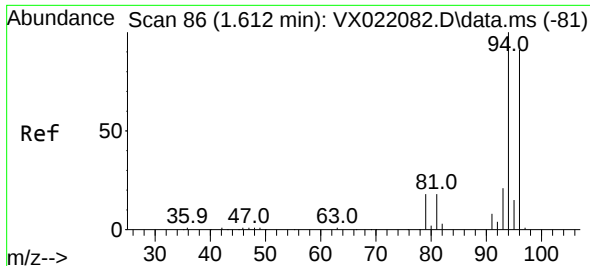
Tgt Ion:168 Resp: 65889
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.6



#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 27.5 26.4 39.6

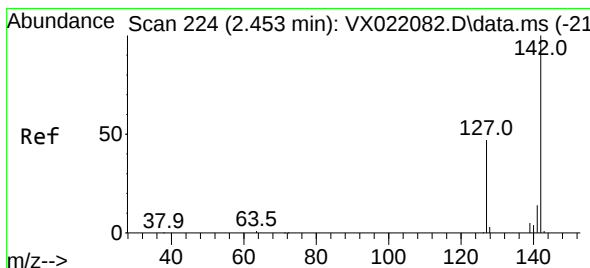
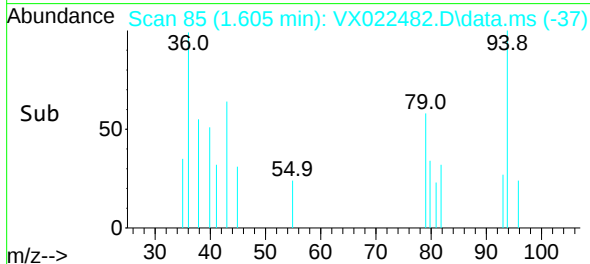
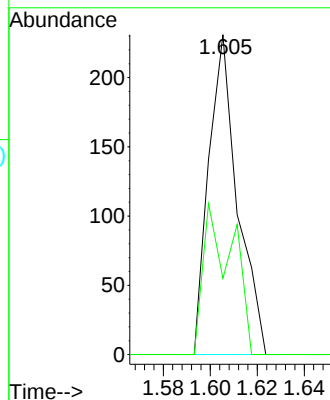
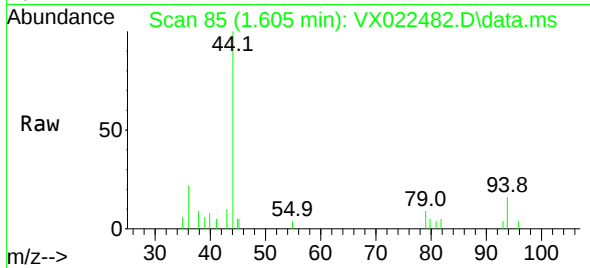




#5
Bromomethane
Concen: 0.368 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

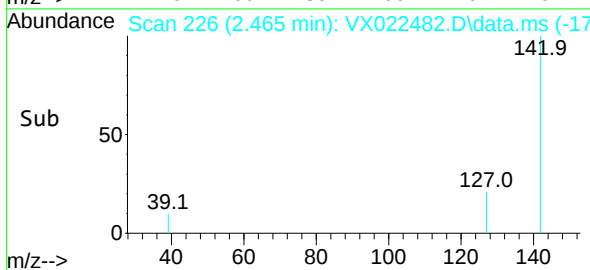
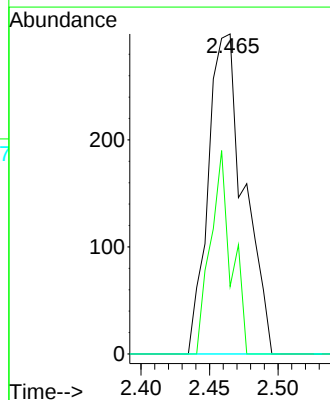
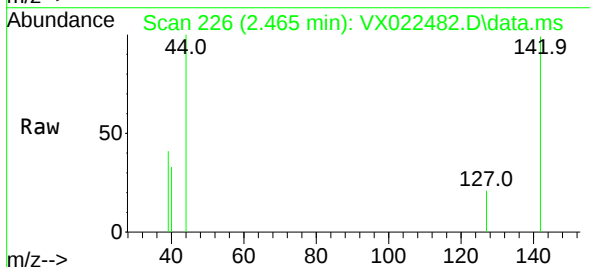
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

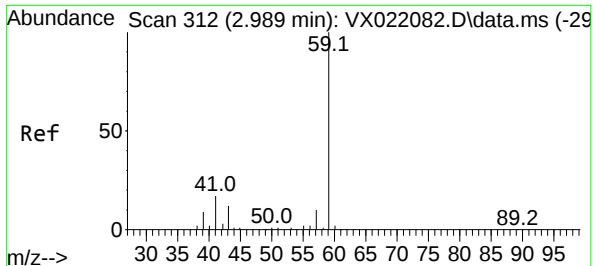
Tgt Ion: 94 Resp: 196
Ion Ratio Lower Upper
94 100
96 23.8 76.4 114.6#



#10
Methyl Iodide
Concen: 0.648 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 142 Resp: 544
Ion Ratio Lower Upper
142 100
127 36.9 33.3 49.9
141 0.0 11.4 17.0#



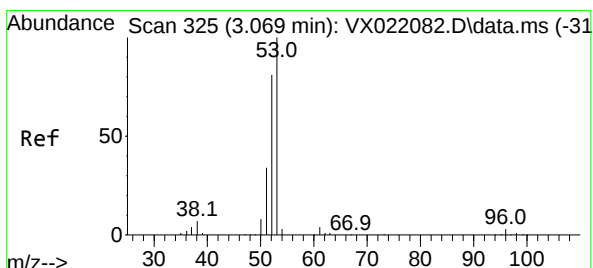
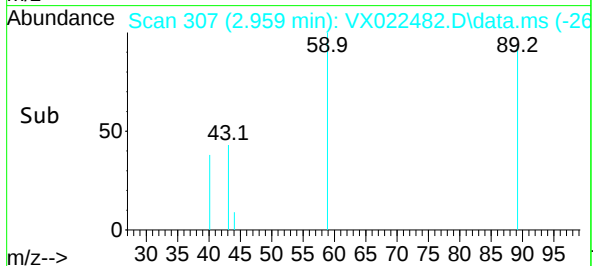
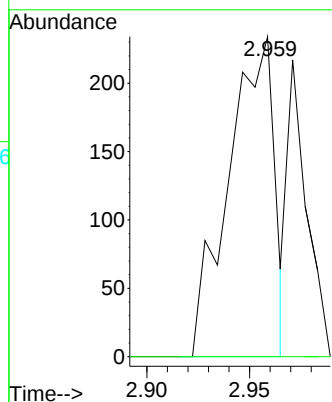
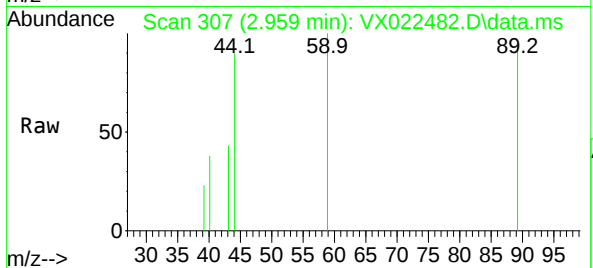


#11

Tert butyl alcohol
Concen: 1.562 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

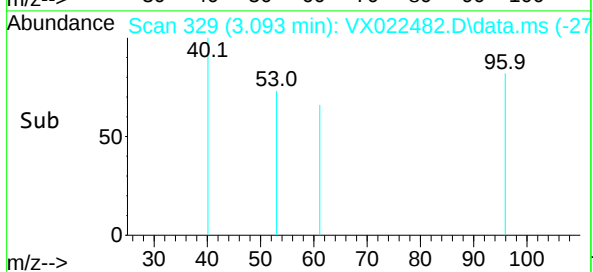
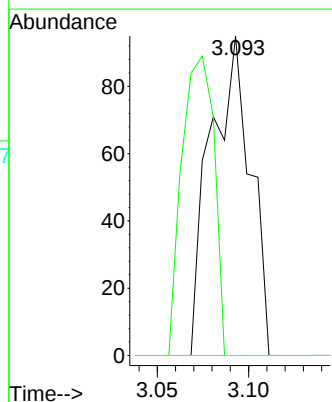
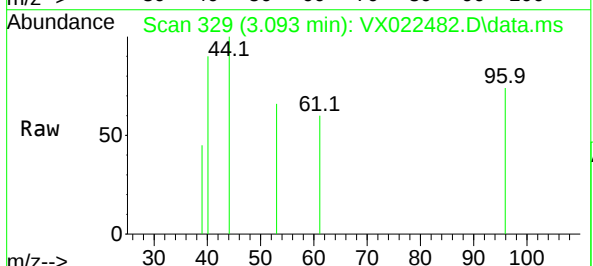
Tgt Ion: 59 Resp: 363
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

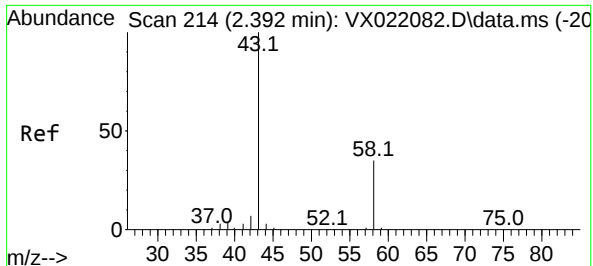


#15

Acrylonitrile
Concen: 0.315 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.024 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

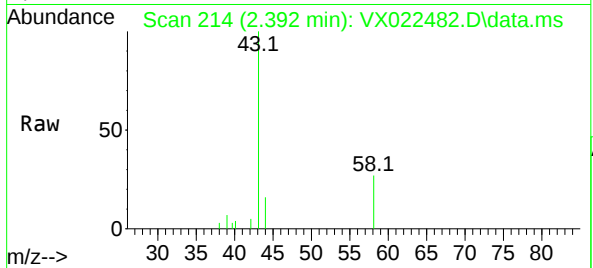
Tgt Ion: 53 Resp: 144
Ion Ratio Lower Upper
53 100
52 75.7 65.3 97.9
51 0.0 28.2 42.2#



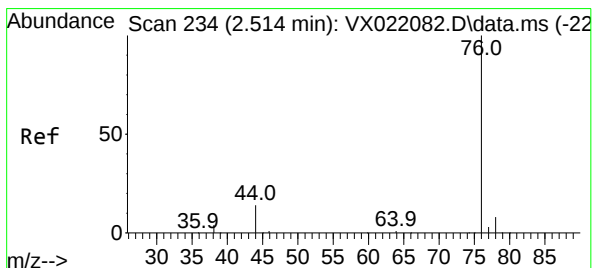
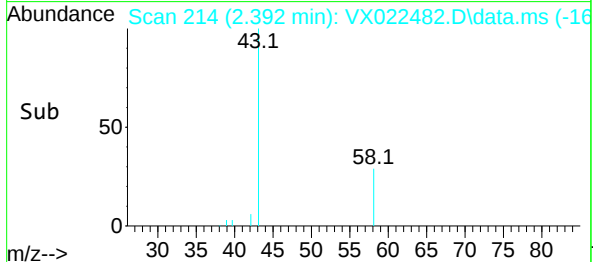
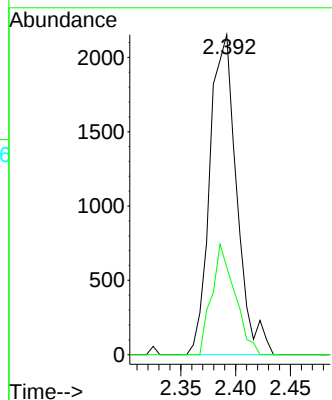


#16
Acetone
Concen: 8.284 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

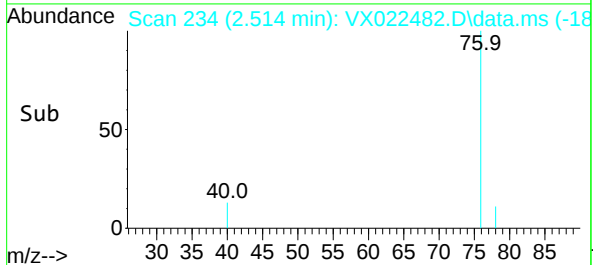
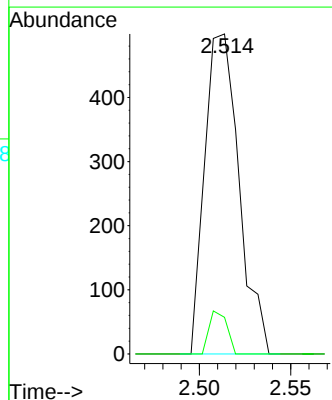
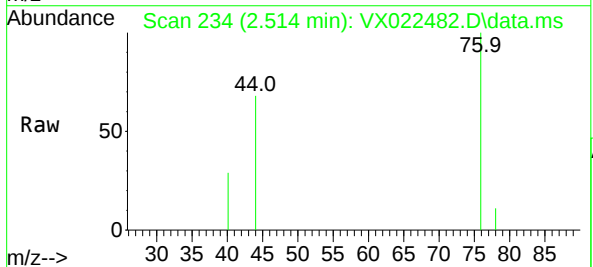


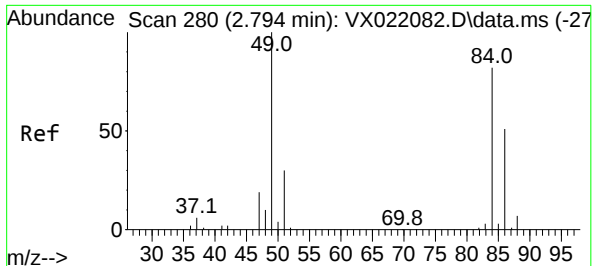
Tgt Ion: 43 Resp: 3666
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 76 Resp: 654
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#





#20

Methylene Chloride

Concen: 2.836 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022482.D

Acq: 06 Jun 2021 16:59

Instrument :

MSVOA_X

ClientSampleId :

PB136837TB

Tgt Ion: 84 Resp: 2787

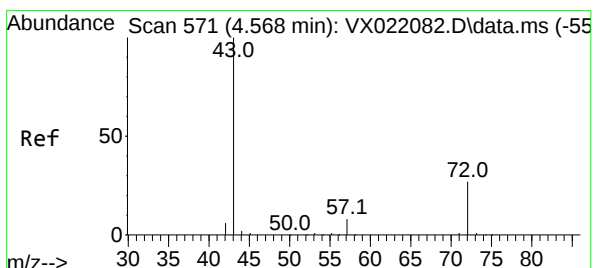
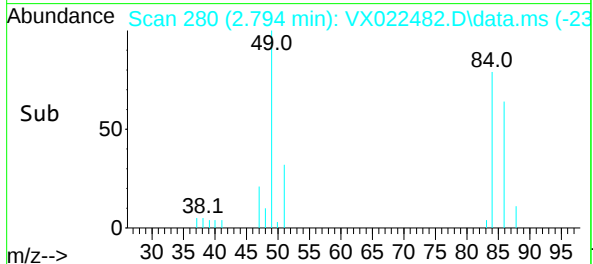
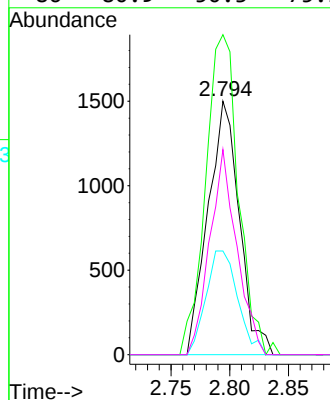
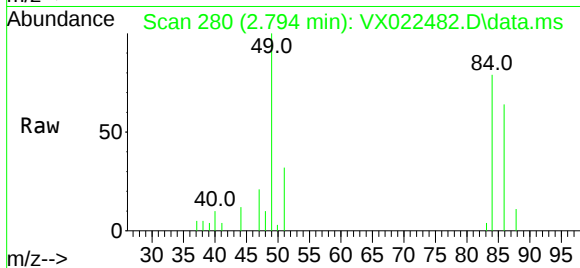
Ion Ratio Lower Upper

84 100

49 126.3 88.6 132.8

51 40.9 27.0 40.6#

86 80.9 50.3 75.5#



#25

2-Butanone

Concen: 1.750 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX022482.D

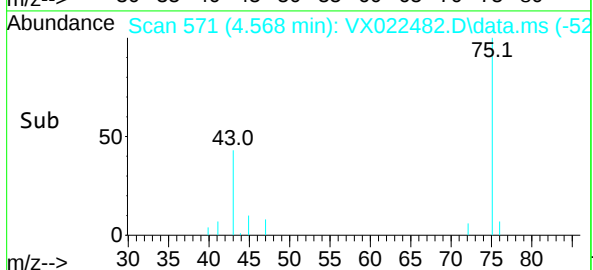
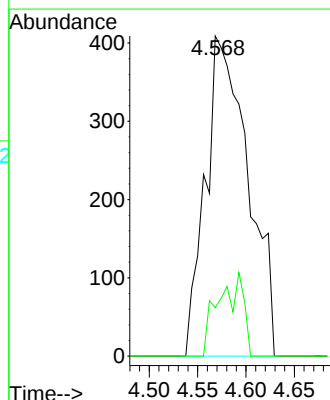
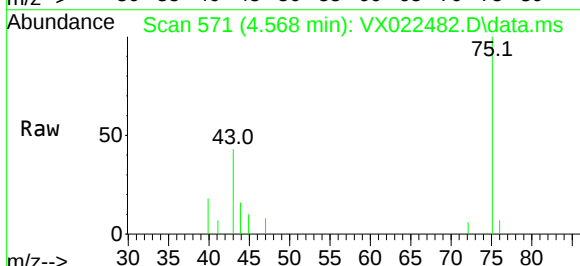
Acq: 06 Jun 2021 16:59

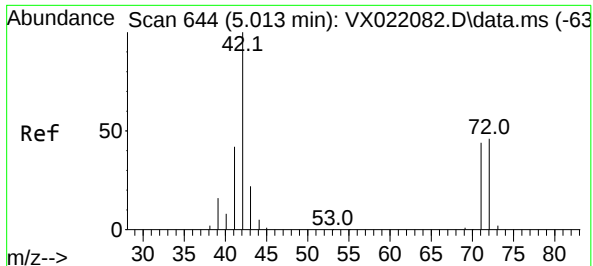
Tgt Ion: 43 Resp: 1253

Ion Ratio Lower Upper

43 100

72 15.2 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.718 ug/l

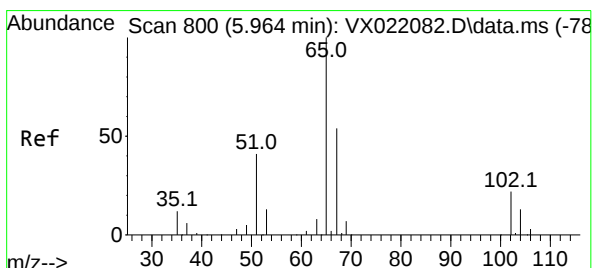
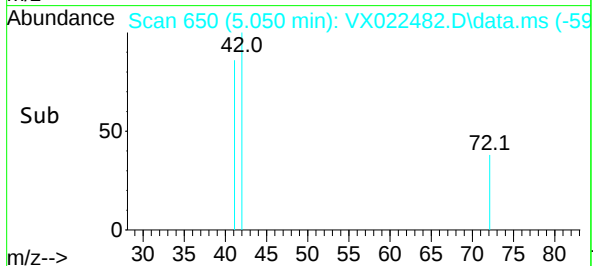
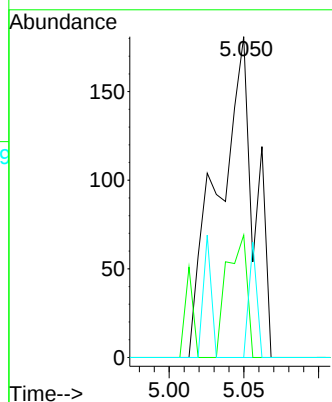
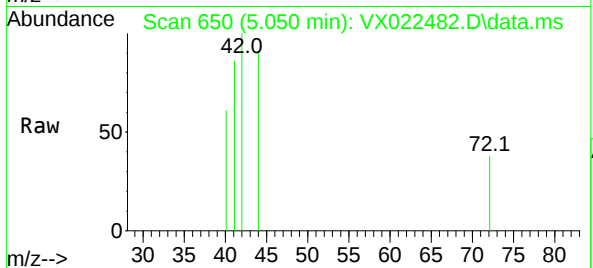
RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX022482.D

Acq: 06 Jun 2021 16:59

Tgt Ion:	42	Resp:	306
Ion	Ratio	Lower	Upper
42	100		
72	20.9	41.7	62.5#
71	7.8	38.4	57.6#



#33

1,2-Dichloroethane-d4

Concen: 52.514 ug/l

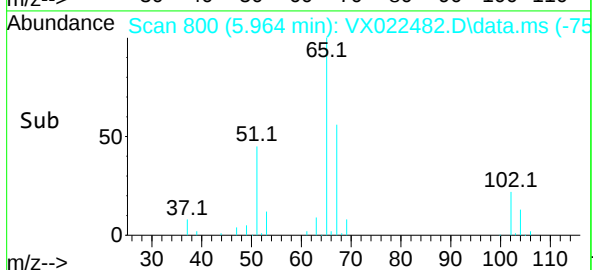
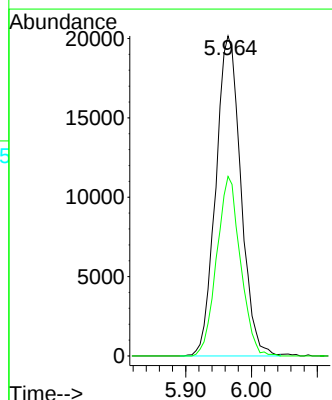
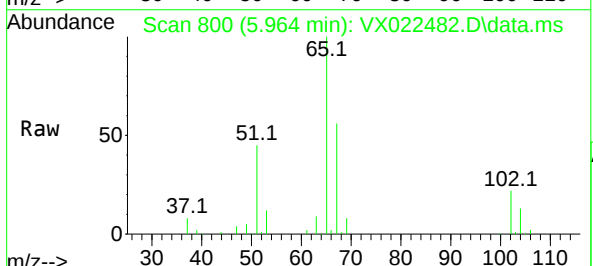
RT: 5.964 min Scan# 800

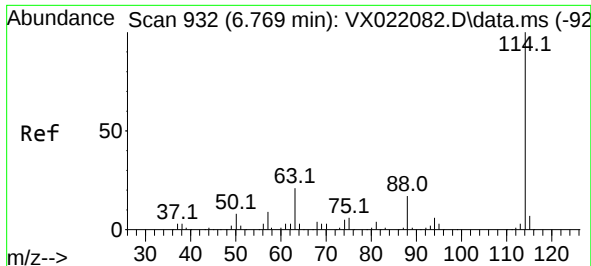
Delta R.T. 0.000 min

Lab File: VX022482.D

Acq: 06 Jun 2021 16:59

Tgt Ion:	65	Resp:	53374
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

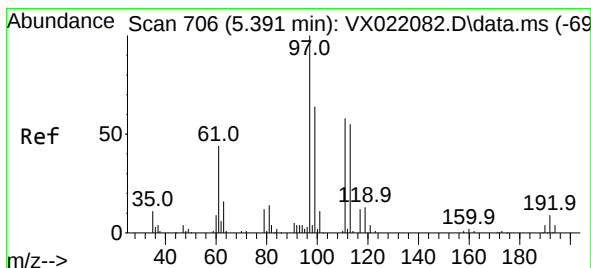
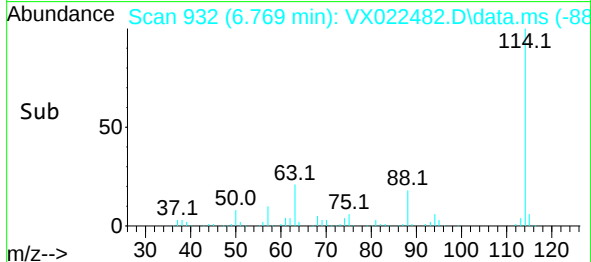
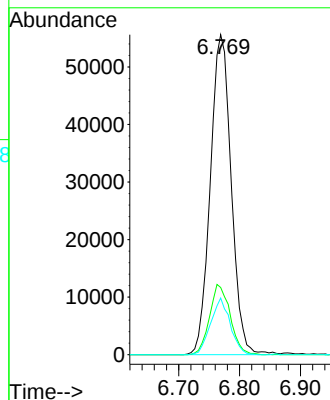
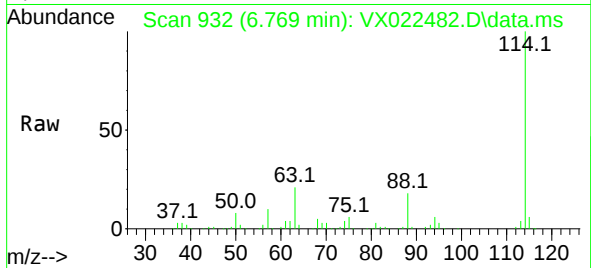




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

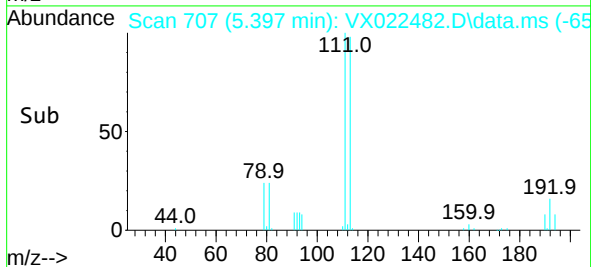
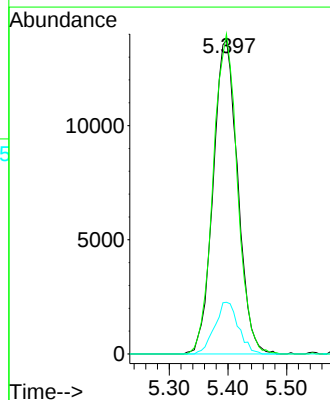
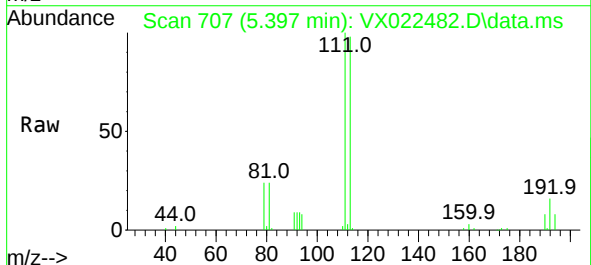
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

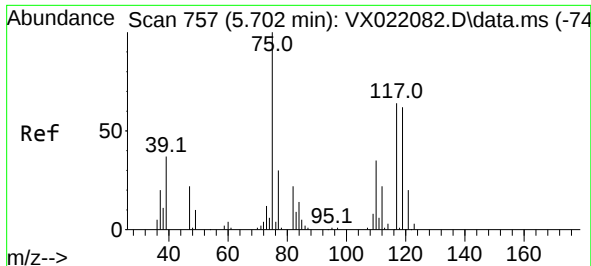
Tgt Ion:114 Resp: 132573
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 17.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.452 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion:113 Resp: 39894
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 15.9 16.7 25.1#

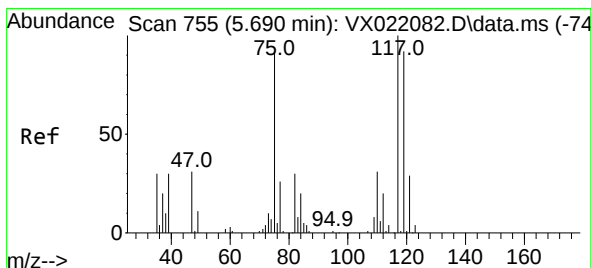
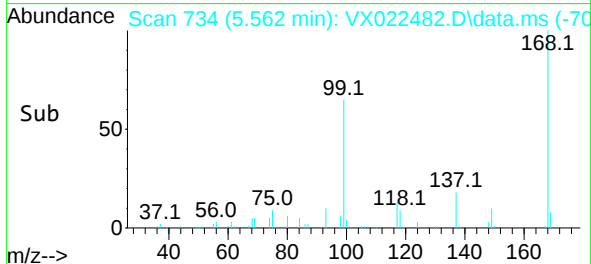
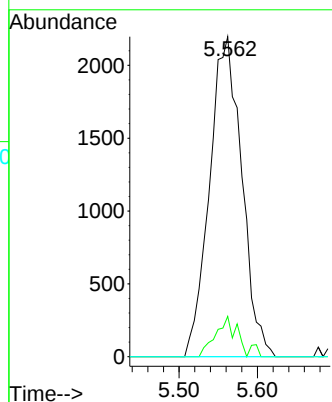
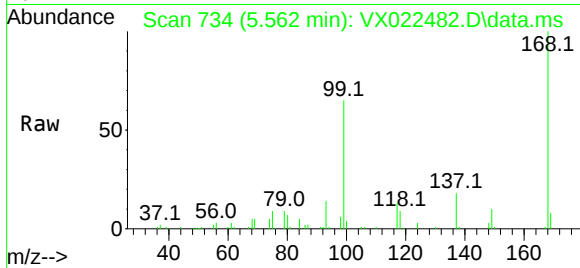




#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

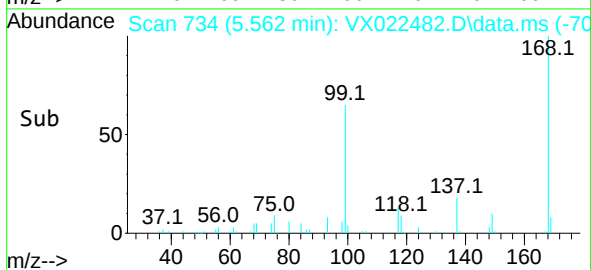
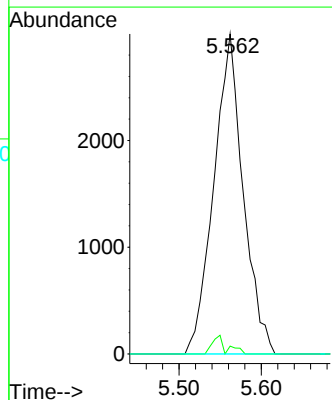
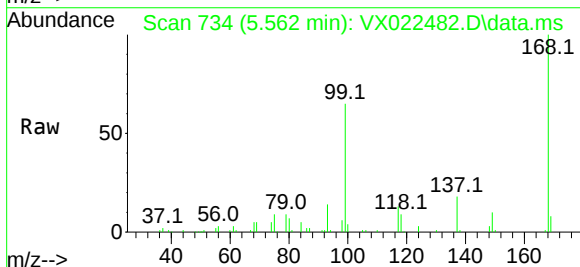
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

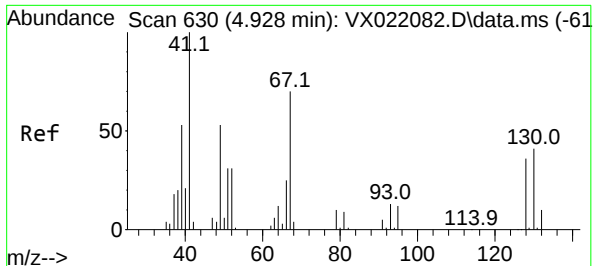
Tgt Ion: 75 Resp: 6272
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 117 Resp: 7438
Ion Ratio Lower Upper
117 100
119 2.4 76.2 114.2#
121 0.0 24.8 37.2#

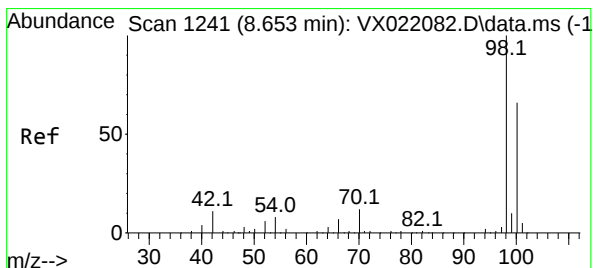
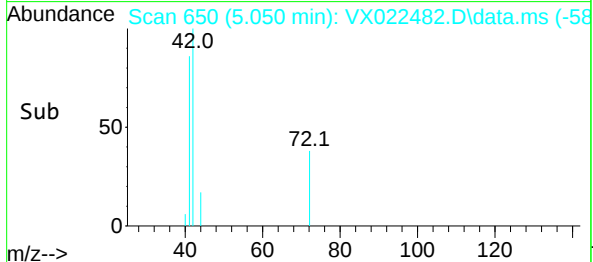
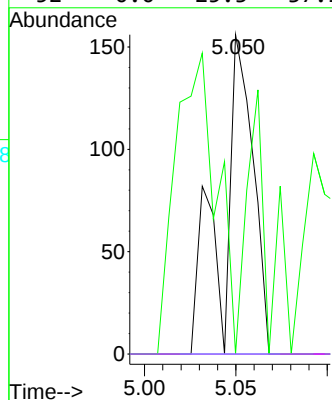
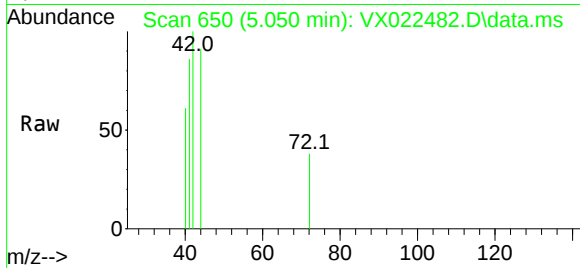




#41
Methacrylonitrile
Concen: 0.229 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

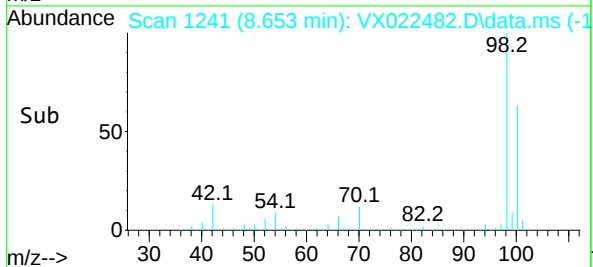
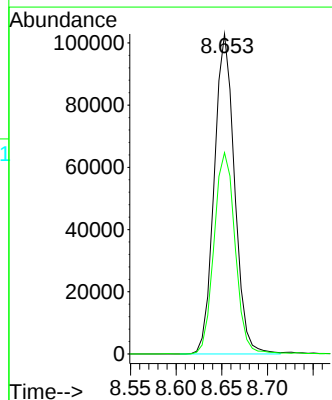
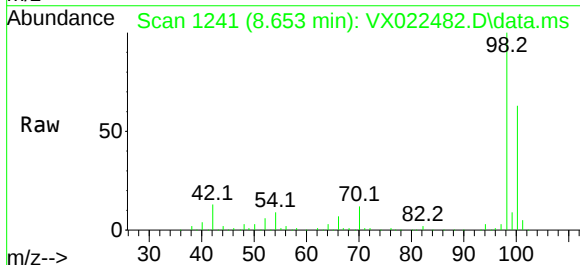
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

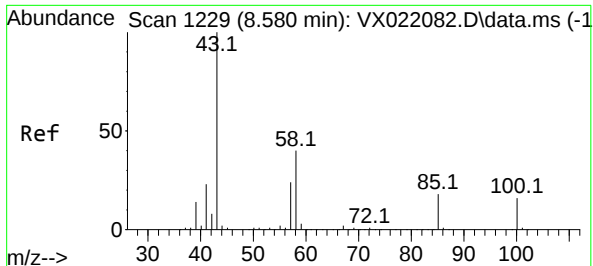
Tgt Ion:	41	Resp:	184
Ion	Ratio	Lower	Upper
41	100		
39	57.6	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 49.190 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion:	98	Resp:	159303
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9

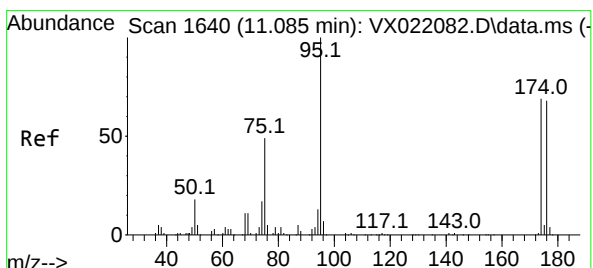
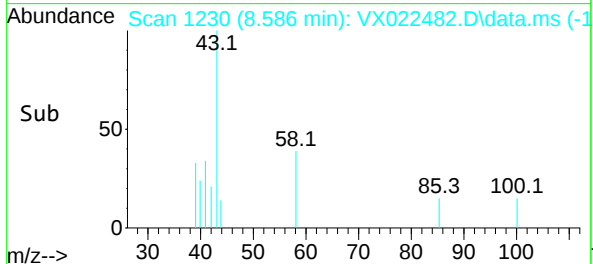
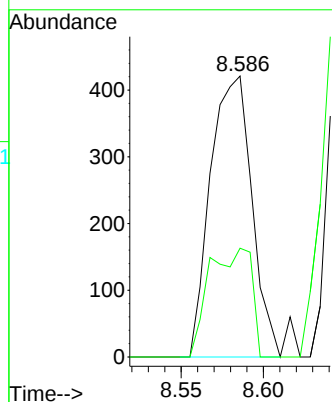
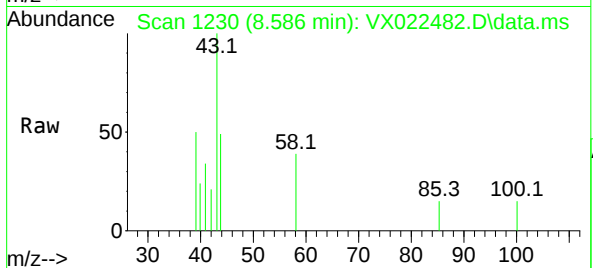




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

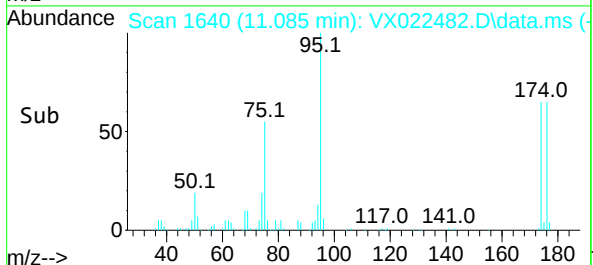
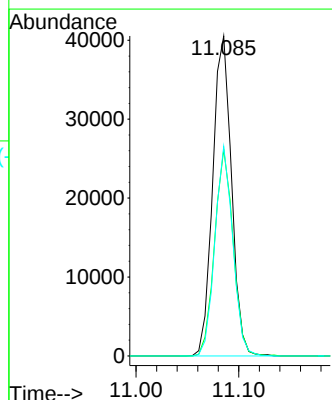
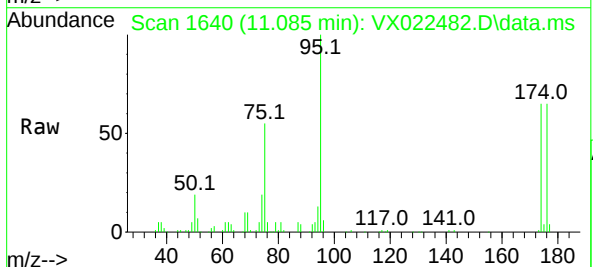
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

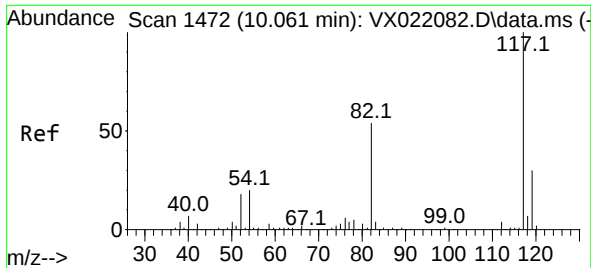
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 39.7 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 42.860 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 95 Resp: 51305
Ion Ratio Lower Upper
95 100
174 63.8 0.0 154.6
176 62.5 0.0 155.8

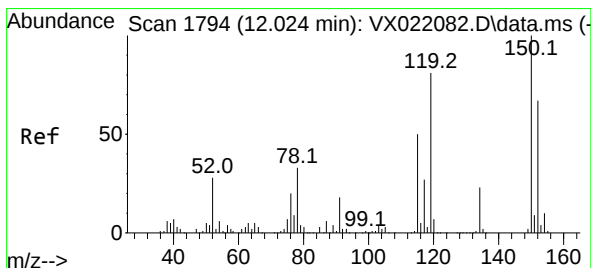
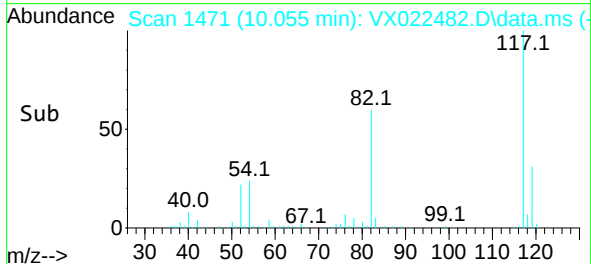
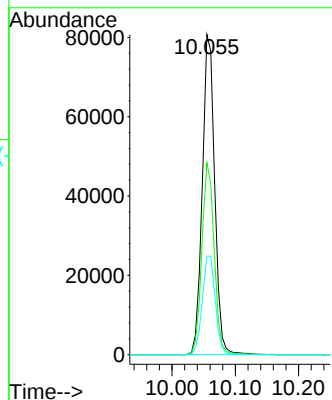
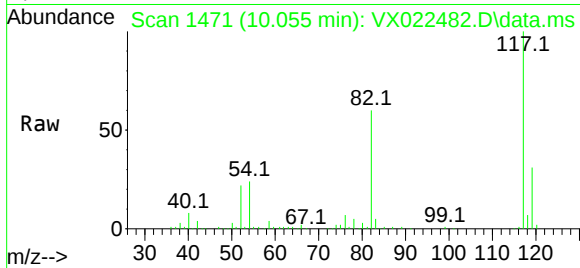




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

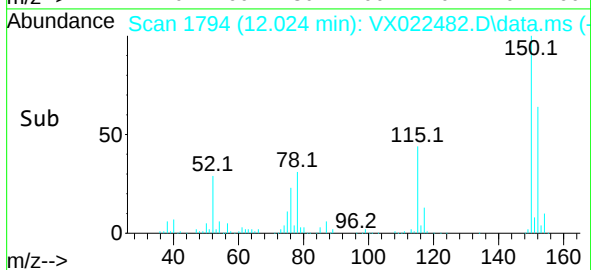
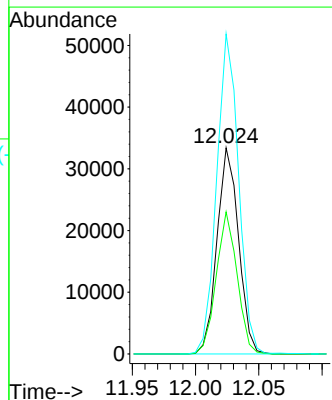
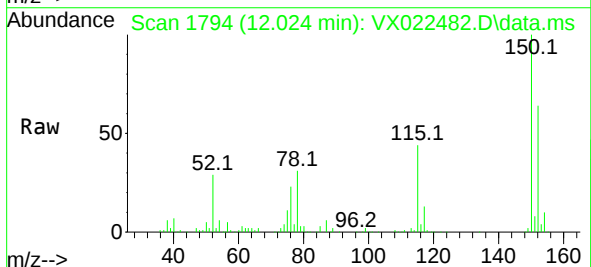
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

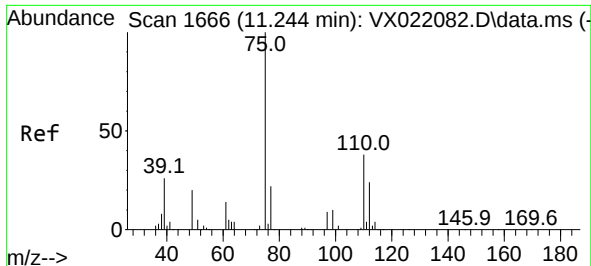
Tgt Ion:117 Resp: 110160
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion:152 Resp: 39506
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 157.8 0.0 349.0

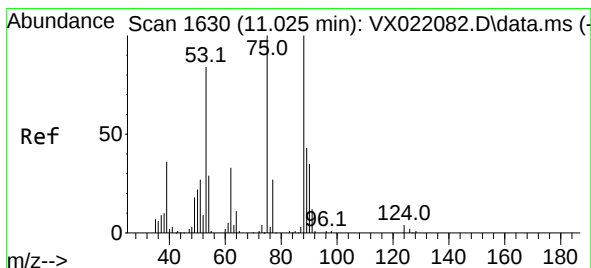
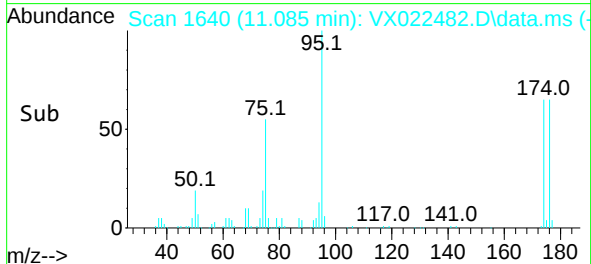
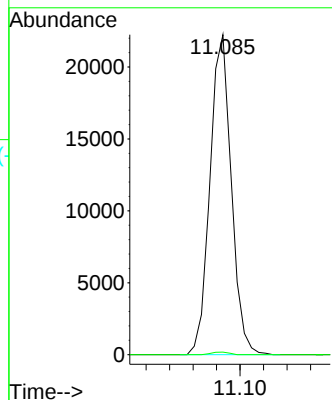
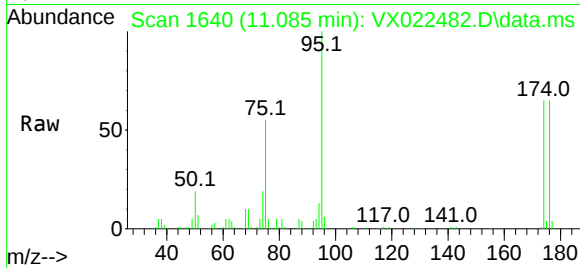




#76
1,2,3-Trichloropropane
Concen: 28.743 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

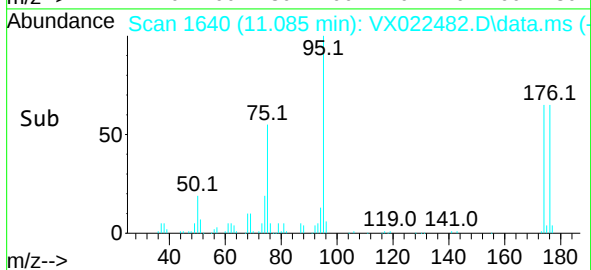
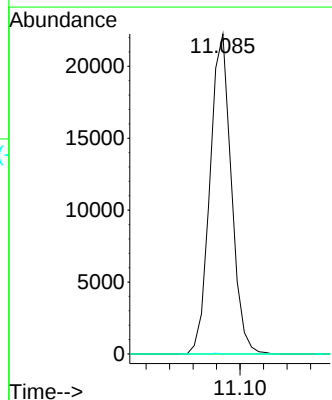
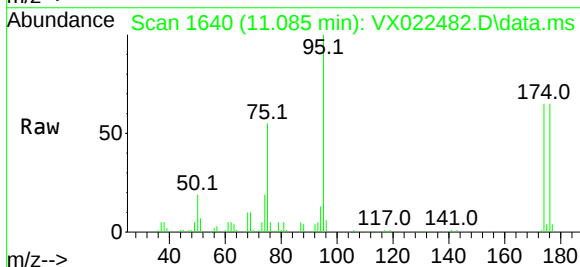
Instrument :
MSVOA_X
ClientSampled :
PB136837TB

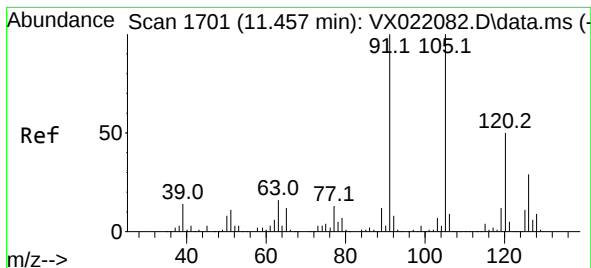
Tgt Ion: 75 Resp: 28014
Ion Ratio Lower Upper
75 100
77 0.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.104 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 75 Resp: 28014
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

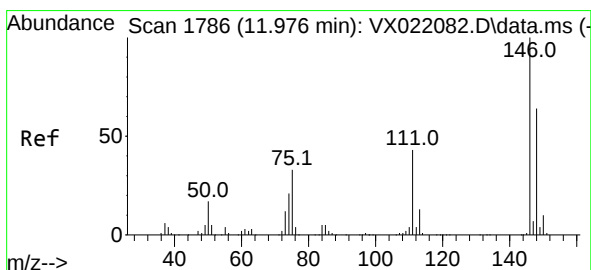
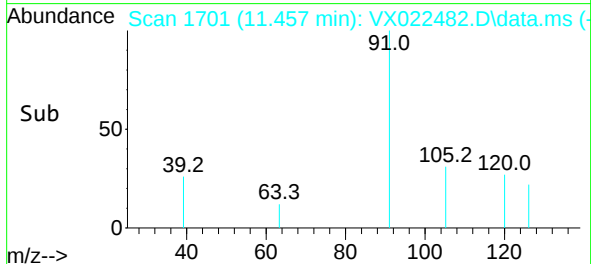
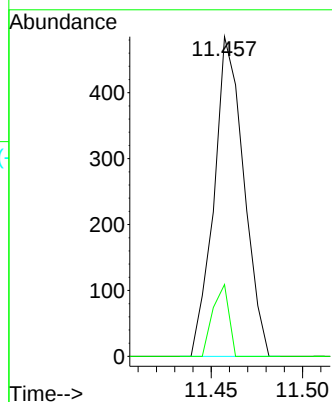
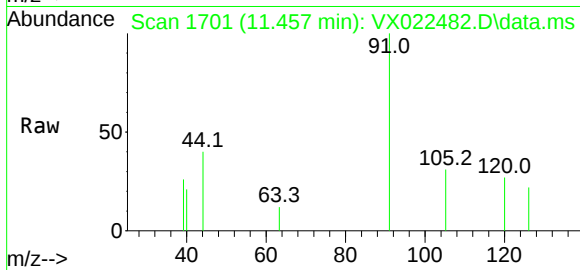




#82
4-Chlorotoluene
Concen: 0.201 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

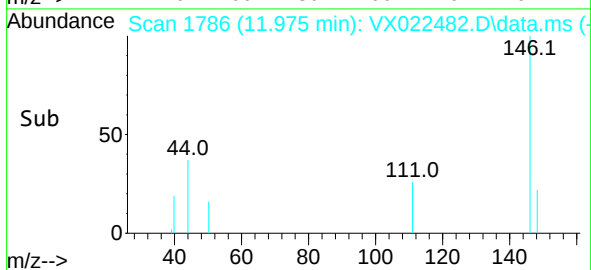
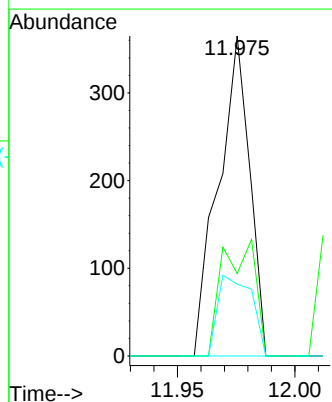
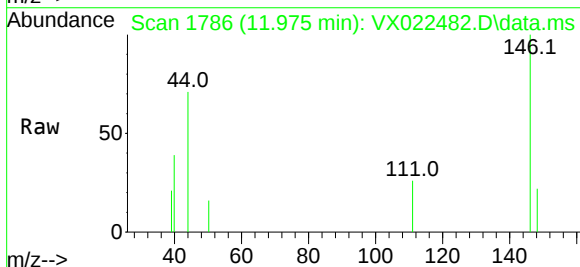
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

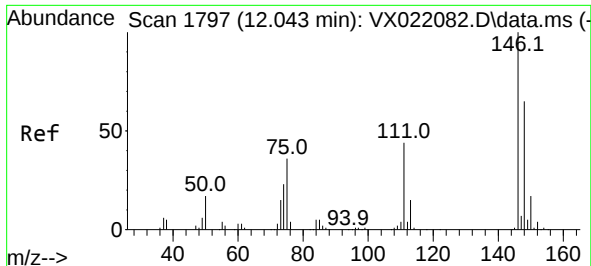
Tgt Ion: 91 Resp: 551
Ion Ratio Lower Upper
91 100
126 12.2 14.9 44.5#



#87
1,3-Dichlorobenzene
Concen: 0.247 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.001 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 146 Resp: 338
Ion Ratio Lower Upper
146 100
111 37.9 20.2 60.5
148 26.9 31.9 95.7#

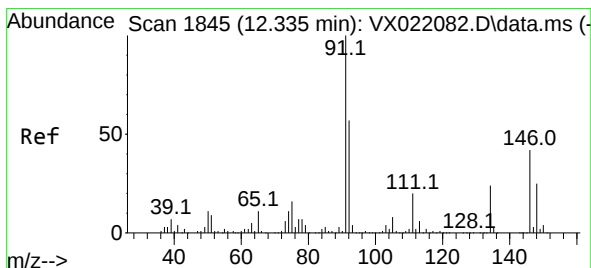
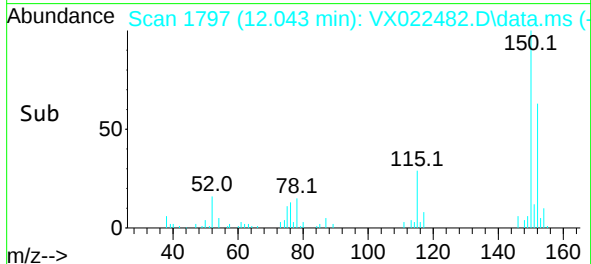
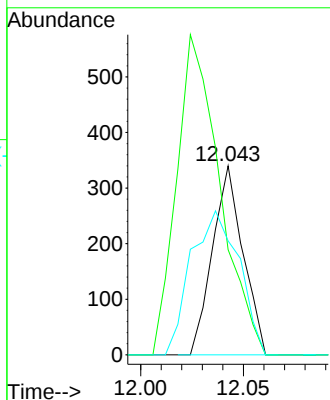
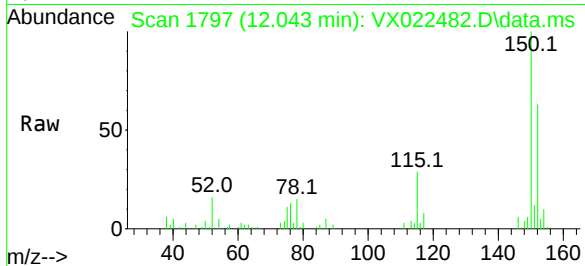




#88
1,4-Dichlorobenzene
Concen: 0.248 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

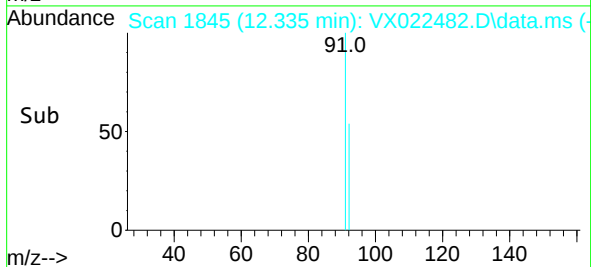
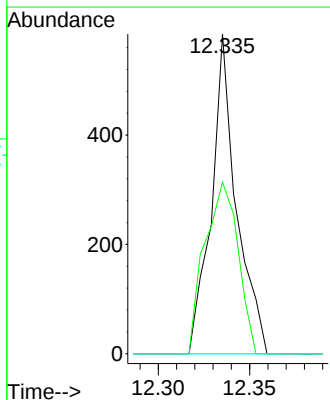
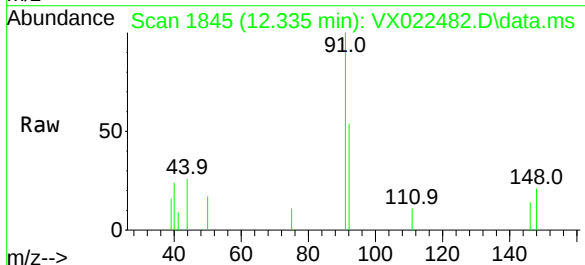
Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

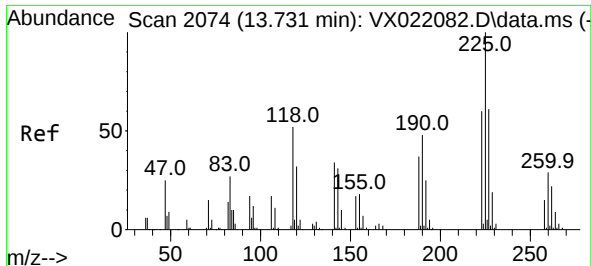
Tgt Ion:146 Resp: 350
Ion Ratio Lower Upper
146 100
111 239.4 19.6 58.8#
148 119.7 31.6 95.0#



#89
n-Butylbenzene
Concen: 0.211 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion: 91 Resp: 556
Ion Ratio Lower Upper
91 100
92 71.4 27.4 82.0
134 0.0 13.2 39.5#

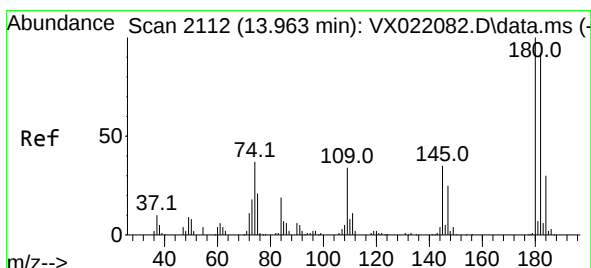
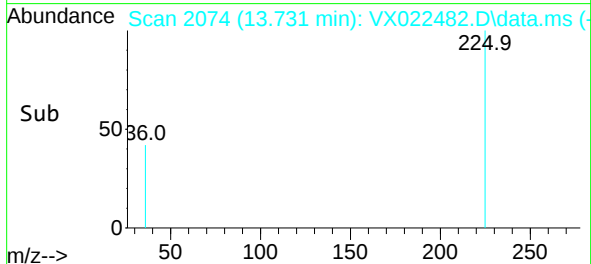
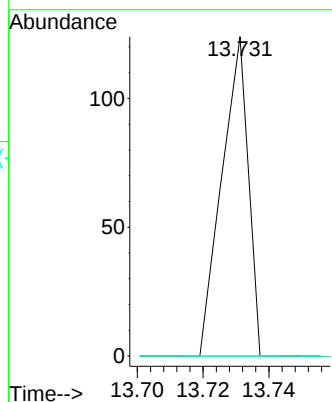
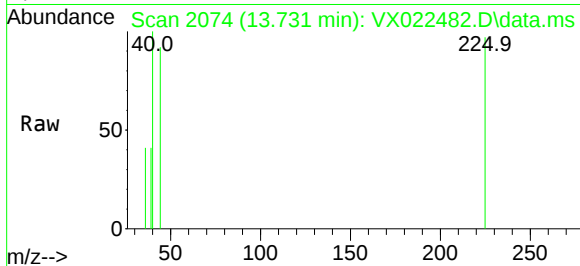




#94
Hexachlorobutadiene
Concen: 0.223 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Instrument :
MSVOA_X
ClientSampleId :
PB136837TB

Tgt Ion:225 Resp: 69
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022482.D
Acq: 06 Jun 2021 16:59

Tgt Ion:180 Resp: 172
Ion Ratio Lower Upper
180 100
182 98.8 47.6 142.9
145 0.0 16.1 48.3#

