

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022485.D
 Acq On : 06 Jun 2021 18:09
 Operator : JC/MD
 Sample : PB136837ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136837ZHE#13

Quant Time: Jun 07 04:26:24 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)

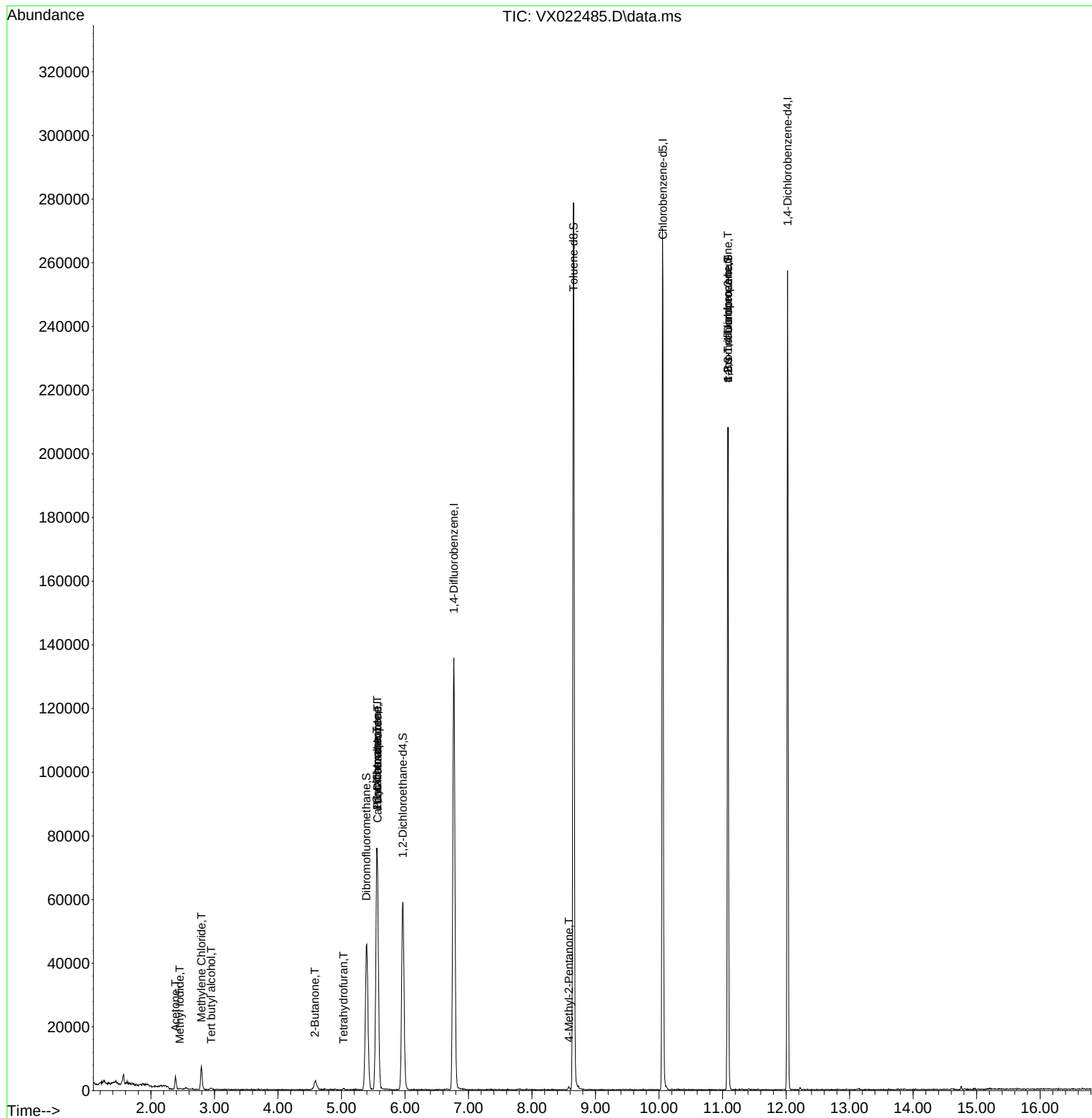
Internal Standards						
1) Pentafluorobenzene	5.562	168	65416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	117904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53529	53.047	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.100%			
35) Dibromofluoromethane	5.391	113	38905	46.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.500%			
50) Toluene-d8	8.653	98	160436	49.507	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.085	95	56574	47.231	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.460%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	172	0.207	ug/l #	42
11) Tert butyl alcohol	2.947	59	238	1.031	ug/l #	73
16) Acetone	2.386	43	3956	9.003	ug/l #	87
20) Methylene Chloride	2.794	84	3218	3.299	ug/l	94
25) 2-Butanone	4.580	43	1065	1.498	ug/l	97
29) Tetrahydrofuran	5.032	42	289	0.683	ug/l #	27
31) Cyclohexane	5.556	56	1770	1.396	ug/l #	50
36) 1,1-Dichloropropene	5.562	75	6643	5.415	ug/l #	48
38) Carbon Tetrachloride	5.568	117	7178	5.982	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	806	0.547	ug/l #	83
76) 1,2,3-Trichloropropane	11.085	75	30196	26.518	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	30196	62.830	ug/l #	12

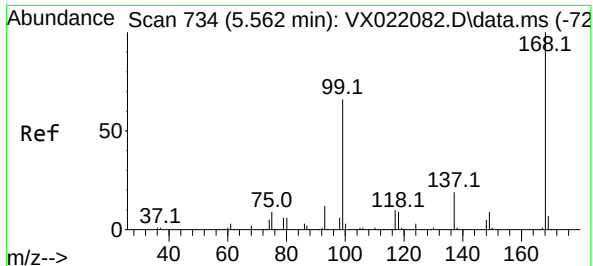
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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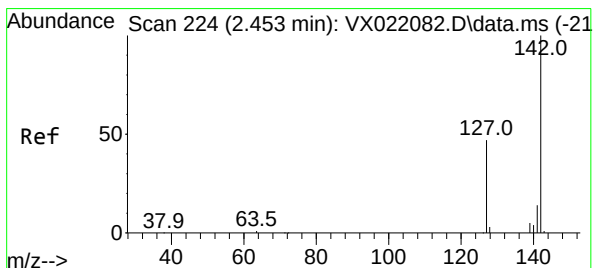
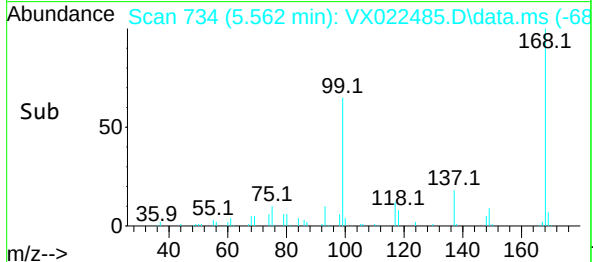
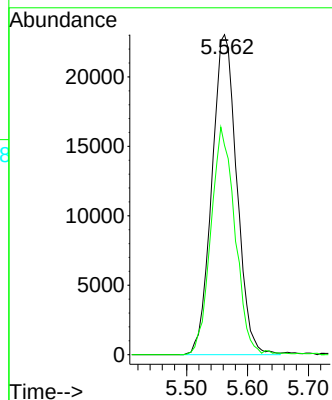
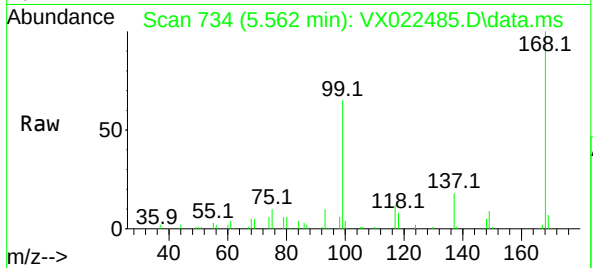




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

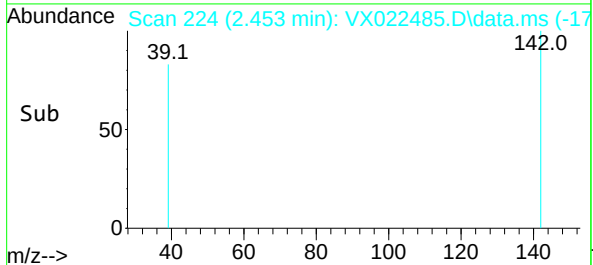
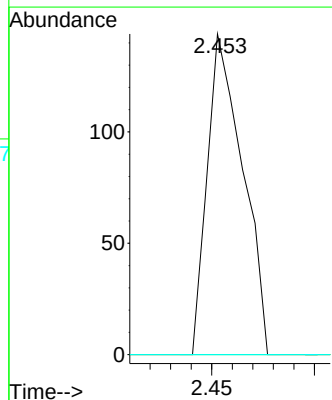
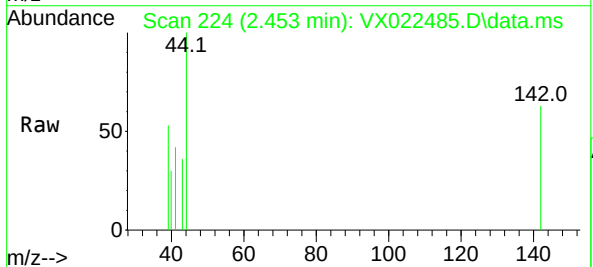
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#13

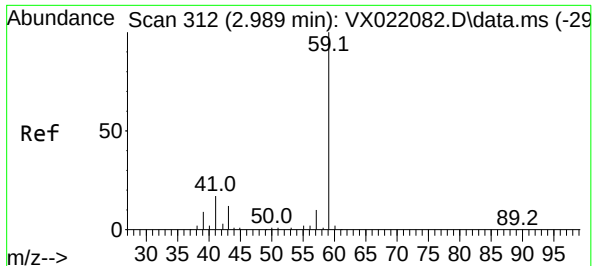
Tgt Ion:168 Resp: 65416
Ion Ratio Lower Upper
168 100
99 65.4 45.8 68.6



#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Tgt Ion:142 Resp: 172
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



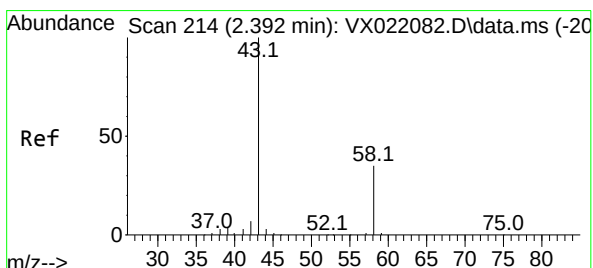
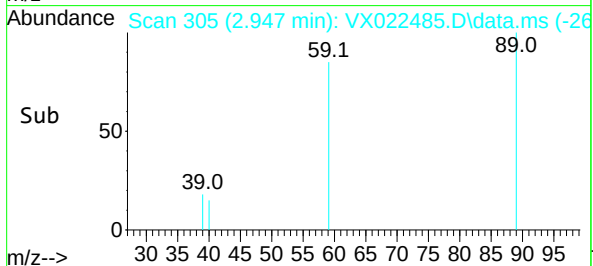
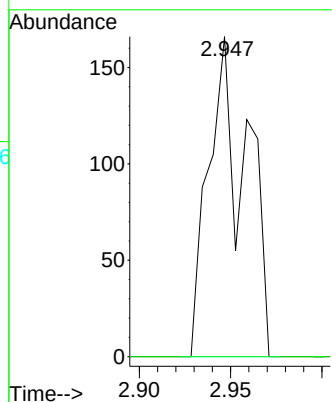
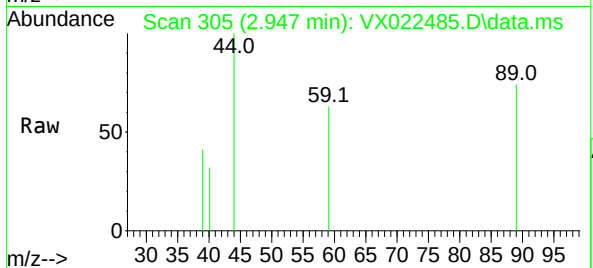


#11

Tert butyl alcohol
Concen: 1.031 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#13

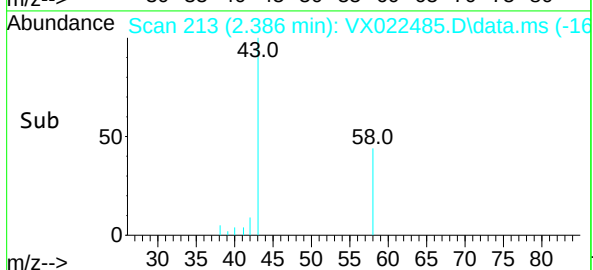
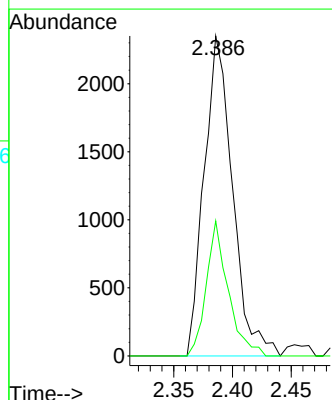
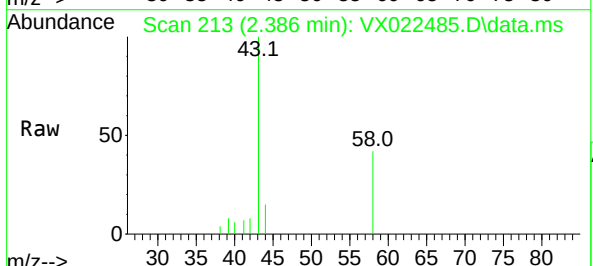
Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

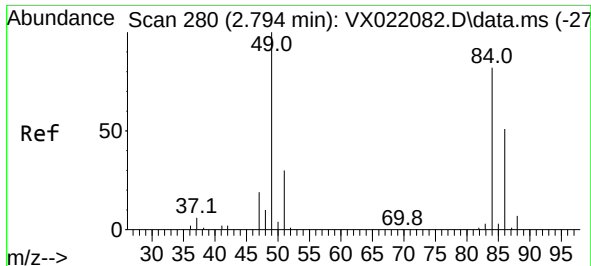


#16

Acetone
Concen: 9.003 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Tgt Ion: 43 Resp: 3956
Ion Ratio Lower Upper
43 100
58 42.2 27.8 41.8#





#20

Methylene Chloride

Concen: 3.299 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022485.D

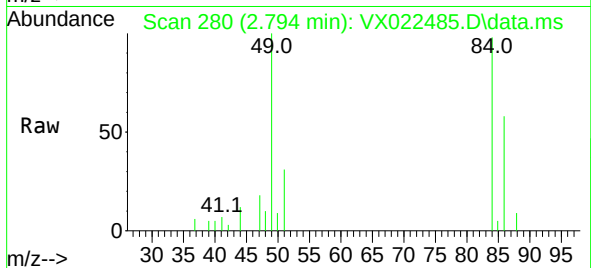
Acq: 06 Jun 2021 18:09

Instrument :

MSVOA_X

ClientSampleId :

PB136837ZHE#13



Tgt Ion: 84 Resp: 3218

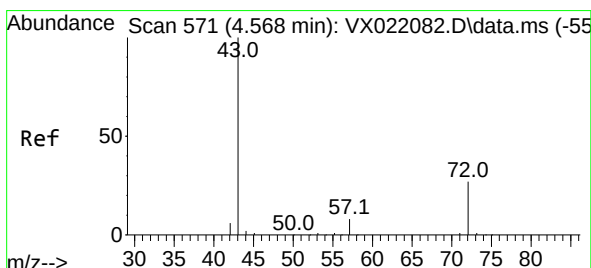
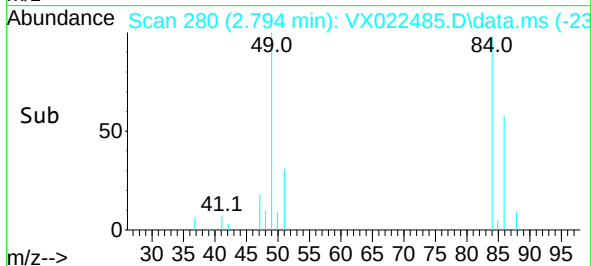
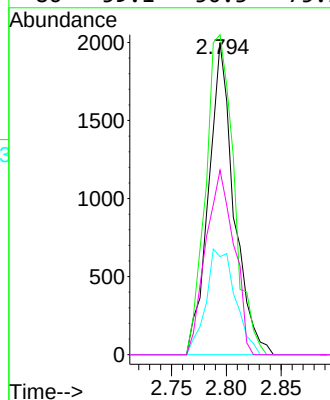
Ion Ratio Lower Upper

84 100

49 102.5 88.6 132.8

51 31.4 27.0 40.6

86 59.1 50.3 75.5



#25

2-Butanone

Concen: 1.498 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022485.D

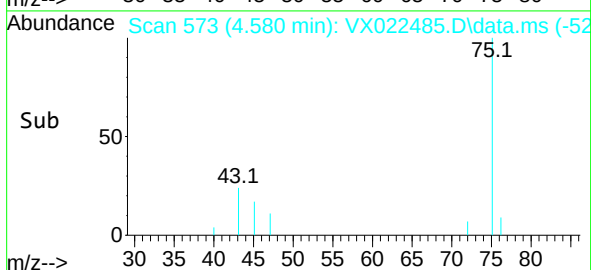
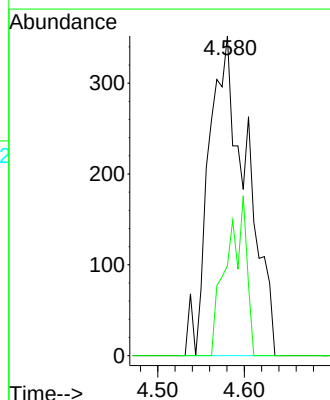
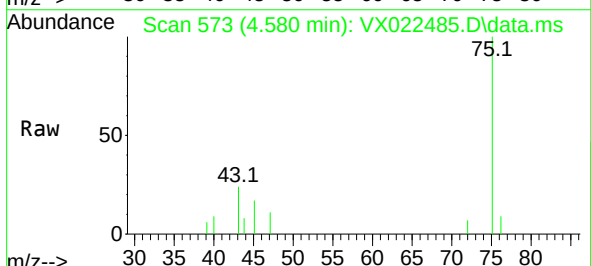
Acq: 06 Jun 2021 18:09

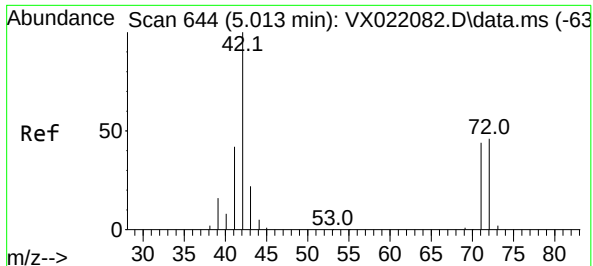
Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

72 28.1 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.683 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX022485.D

Acq: 06 Jun 2021 18:09

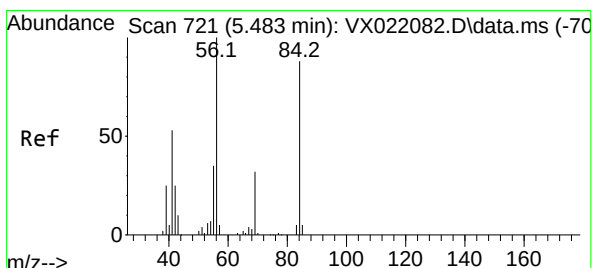
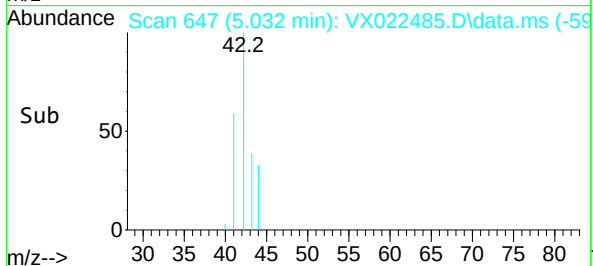
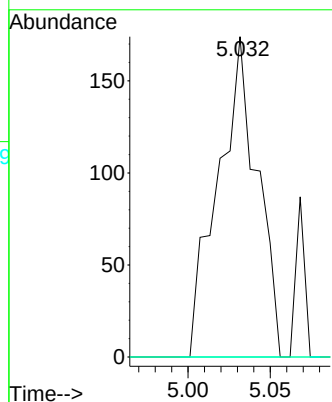
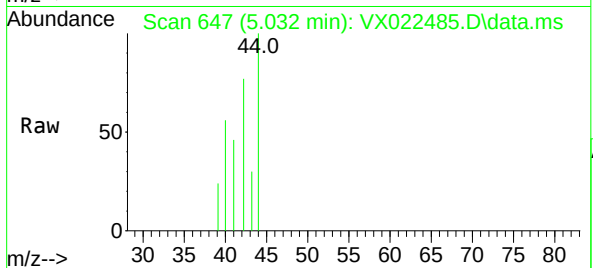
Tgt Ion: 42 Resp: 289

Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 38.4 57.6#



#31

Cyclohexane

Concen: 1.396 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX022485.D

Acq: 06 Jun 2021 18:09

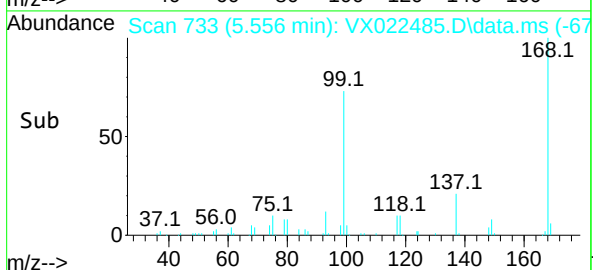
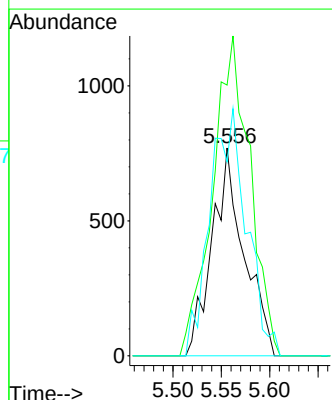
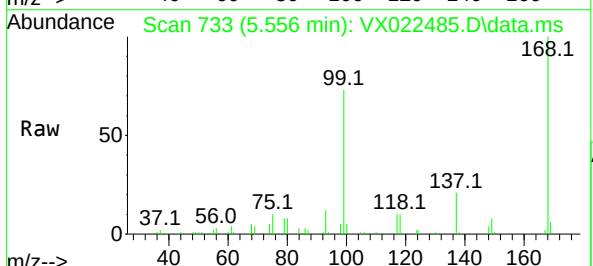
Tgt Ion: 56 Resp: 1770

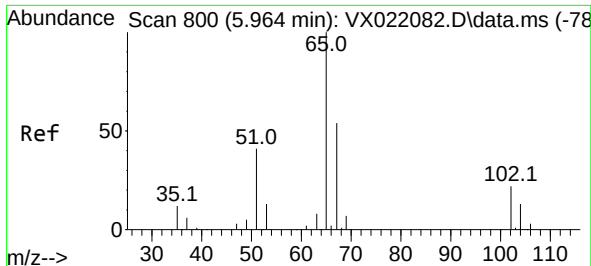
Ion Ratio Lower Upper

56 100

69 130.3 25.3 37.9#

84 93.4 71.4 107.0

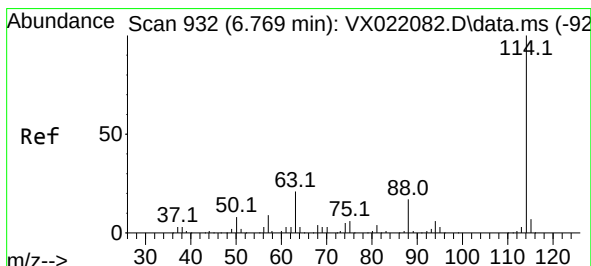
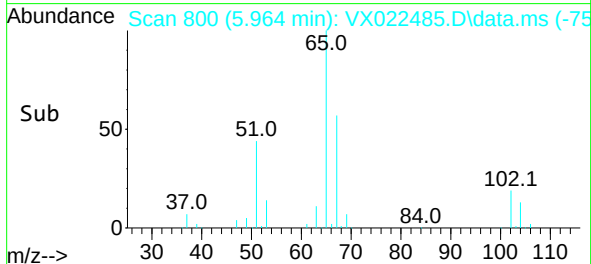
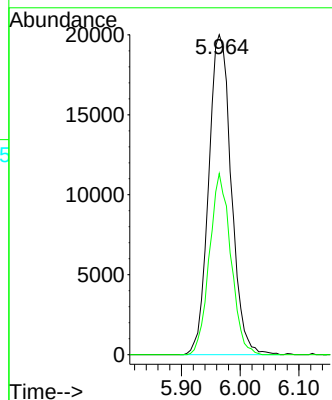
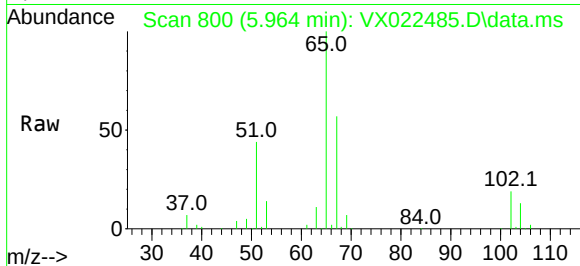




#33
 1,2-Dichloroethane-d4
 Concen: 53.047 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022485.D
 Acq: 06 Jun 2021 18:09

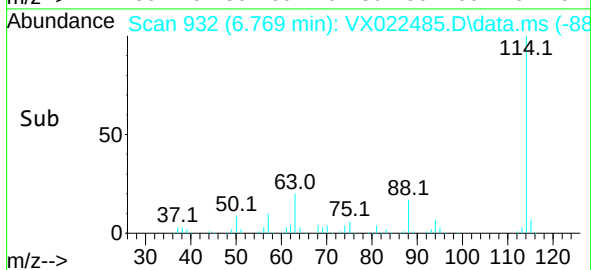
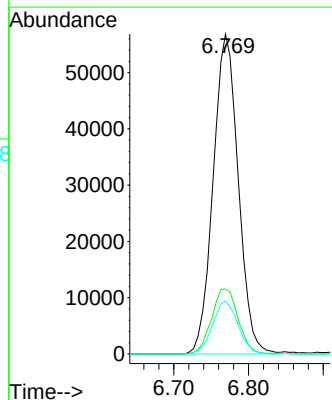
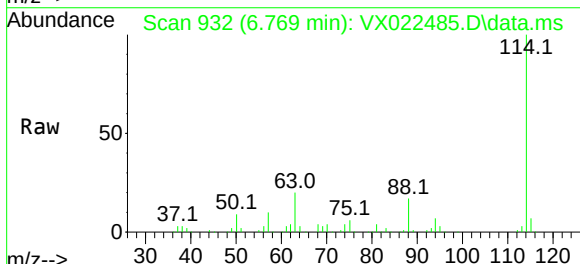
Instrument :
 MSVOA_X
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 PB136837ZHE#13

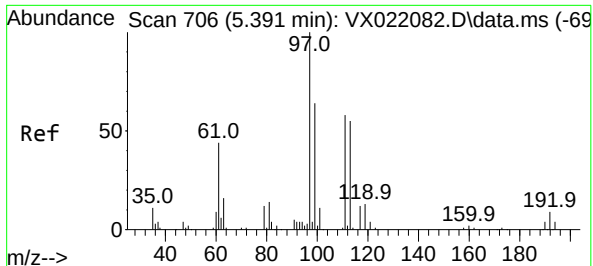
Tgt Ion: 65 Resp: 53529
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX022485.D
 Acq: 06 Jun 2021 18:09

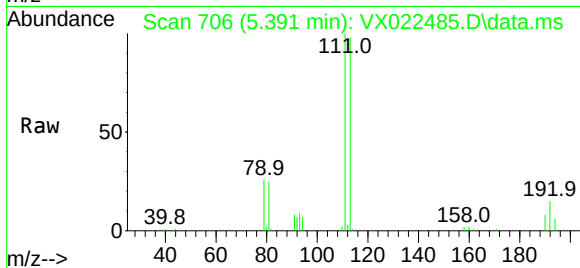
Tgt Ion: 114 Resp: 132661
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.6 0.0 32.8



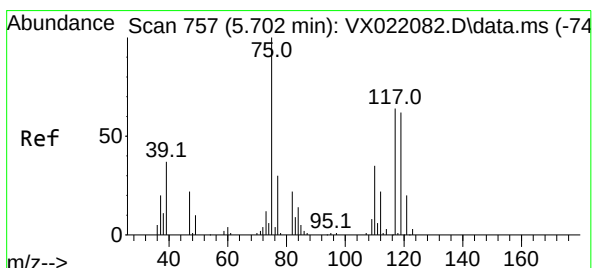
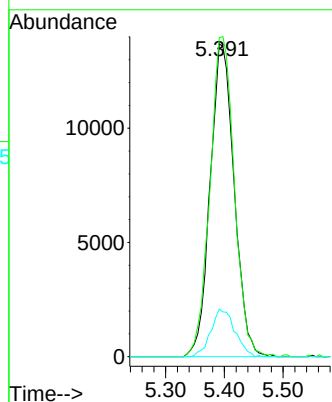
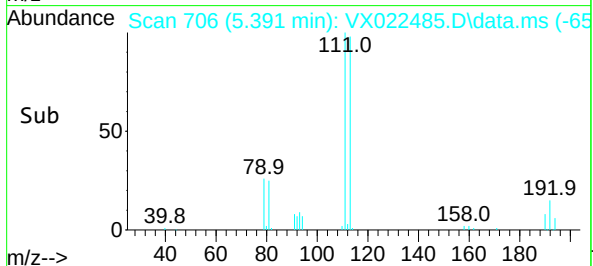


#35
Dibromofluoromethane
Concen: 46.245 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

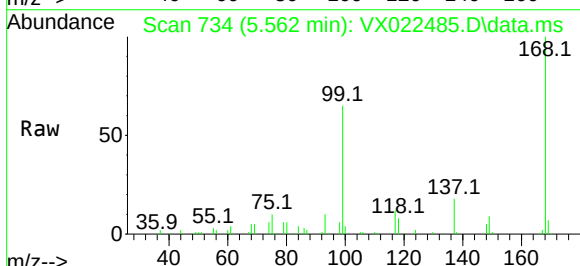
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#13



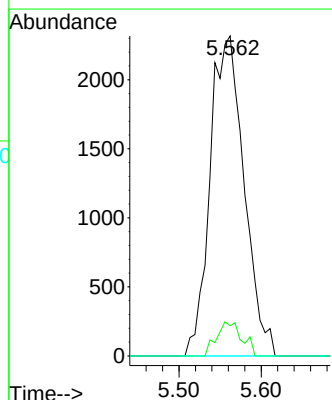
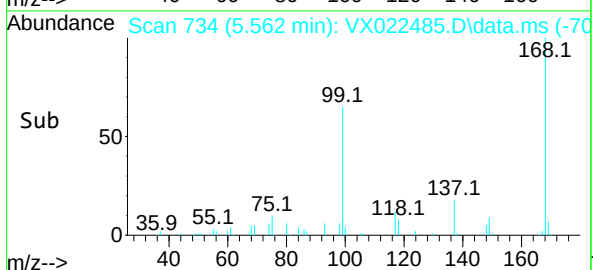
Tgt Ion:113 Resp: 38905
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 15.2 16.7 25.1#

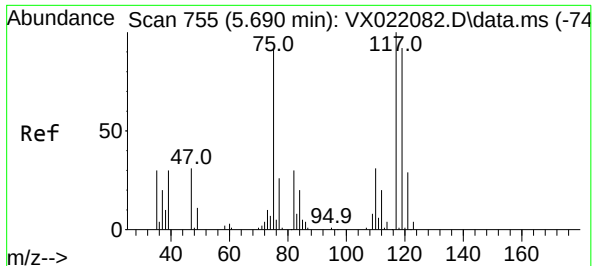


#36
1,1-Dichloropropene
Concen: 5.415 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09



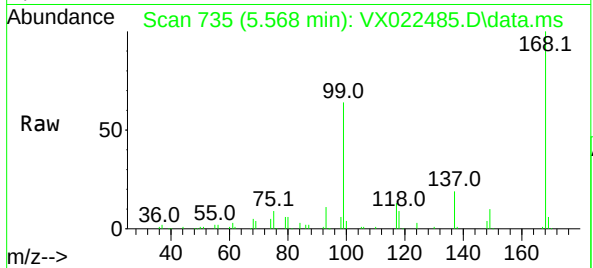
Tgt Ion: 75 Resp: 6643
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



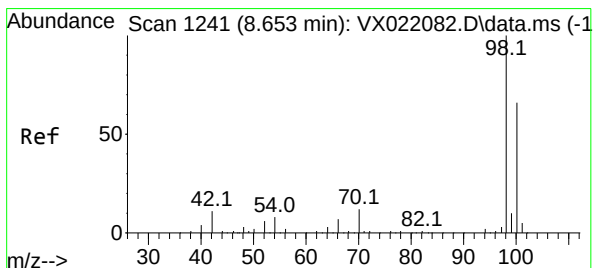
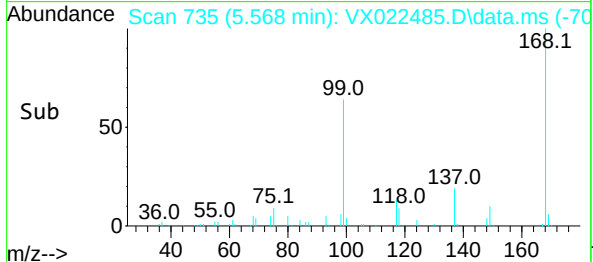
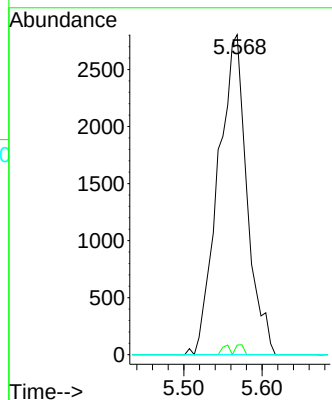


#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#13

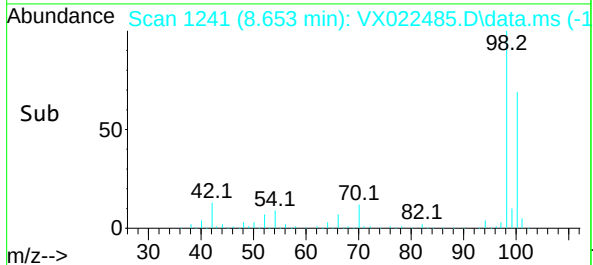
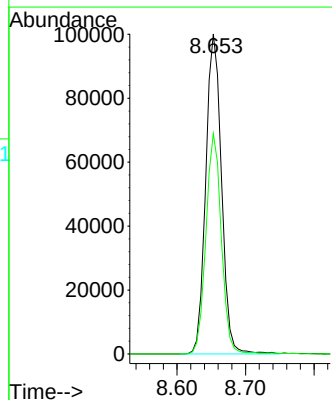
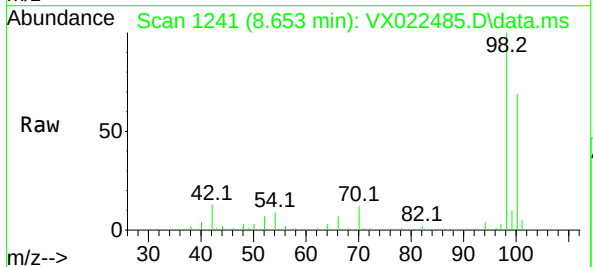


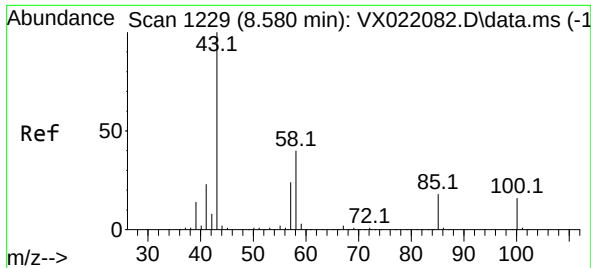
Tgt Ion:117 Resp: 7178
Ion Ratio Lower Upper
117 100
119 3.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.507 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Tgt Ion: 98 Resp: 160436
Ion Ratio Lower Upper
98 100
100 67.2 51.9 77.9

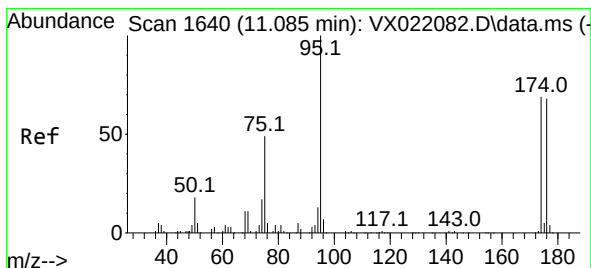
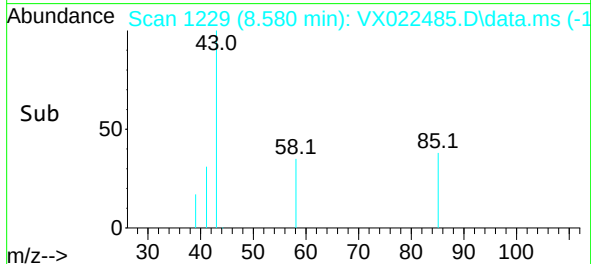
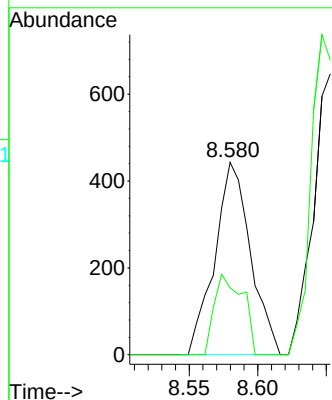
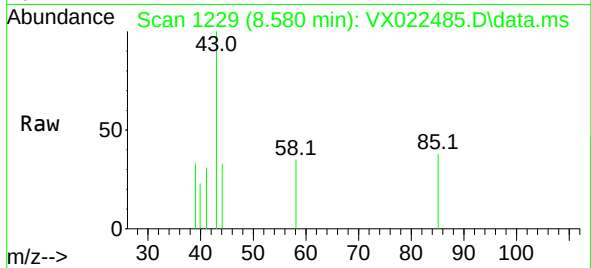




#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

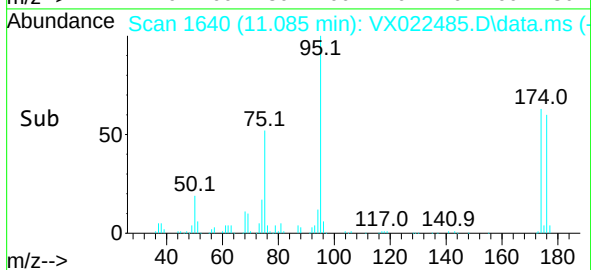
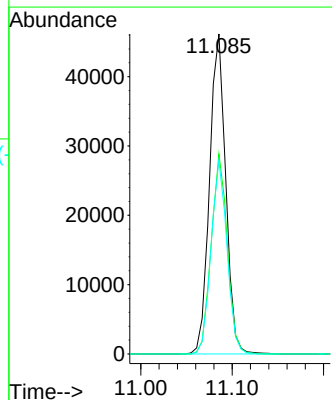
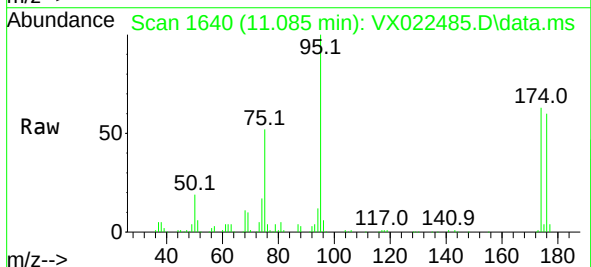
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#13

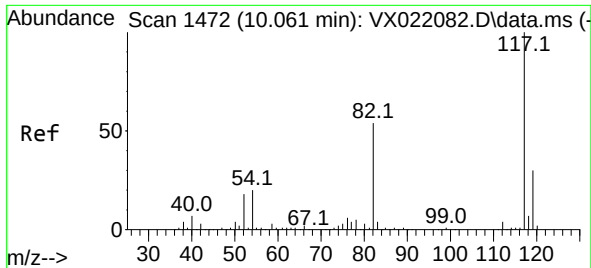
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 33.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.231 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Tgt Ion: 95 Resp: 56574
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 59.5 0.0 155.8

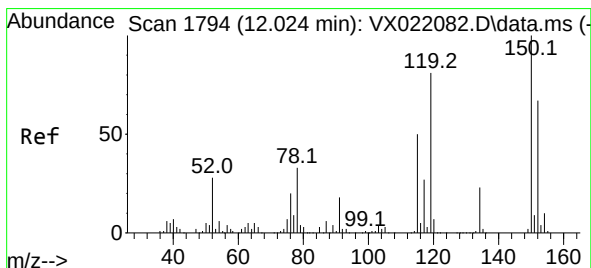
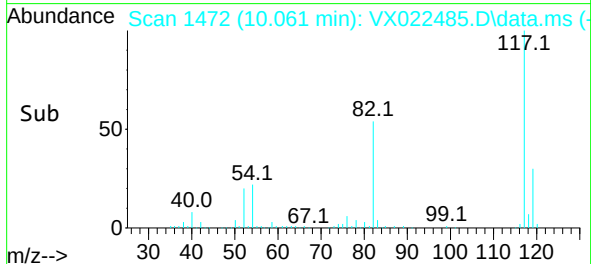
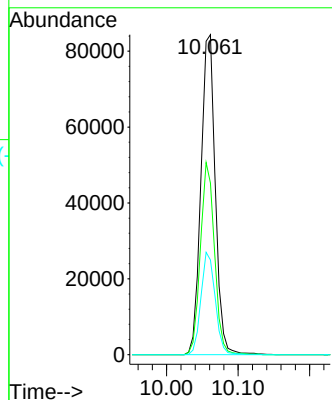
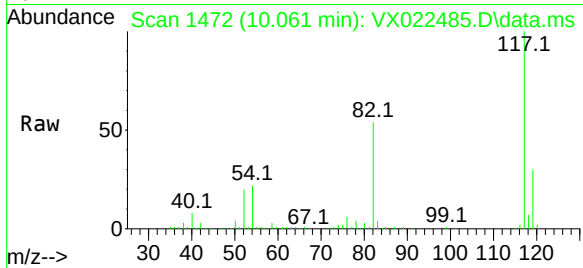




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

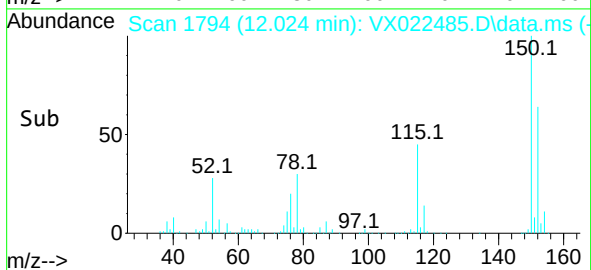
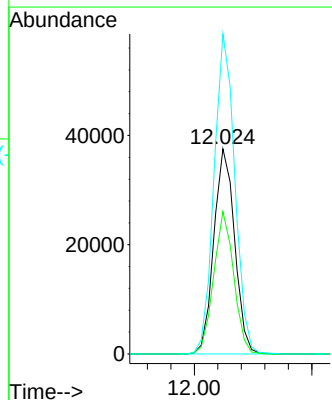
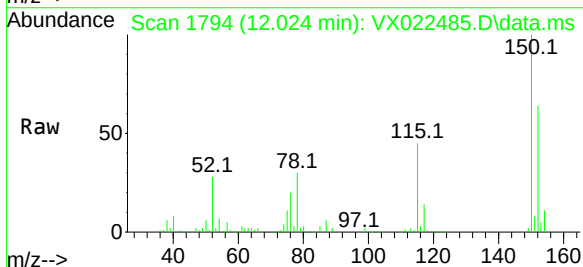
Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#13

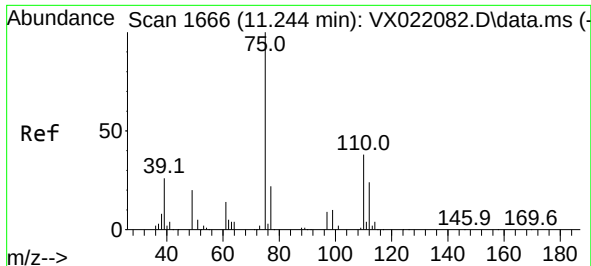
Tgt Ion:117 Resp: 117904
Ion Ratio Lower Upper
117 100
82 53.7 47.4 71.2
119 29.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Tgt Ion:152 Resp: 46157
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 155.7 0.0 349.0

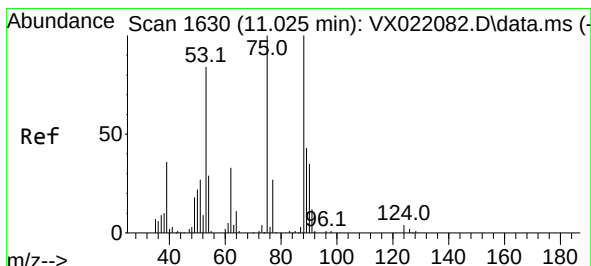
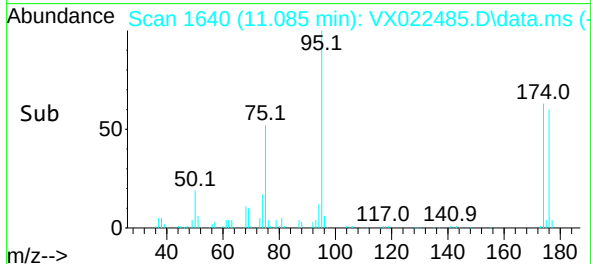
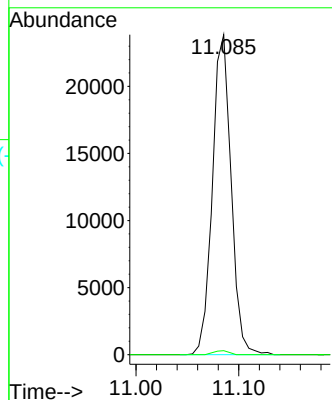
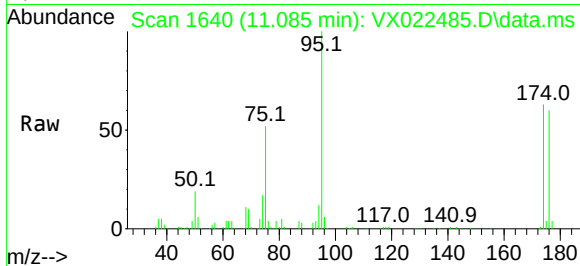




#76
1,2,3-Trichloropropane
Concen: 26.518 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Instrument :
MSVOA_X
ClientSampleId :
PB136837ZHE#13

Tgt Ion: 75 Resp: 30196
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.830 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022485.D
Acq: 06 Jun 2021 18:09

Tgt Ion: 75 Resp: 30196
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

