

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027190.D
 Acq On : 25 Feb 2022 15:43
 Operator : JC/MD
 Sample : PB142919ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#11

Quant Time: Feb 25 23:18:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

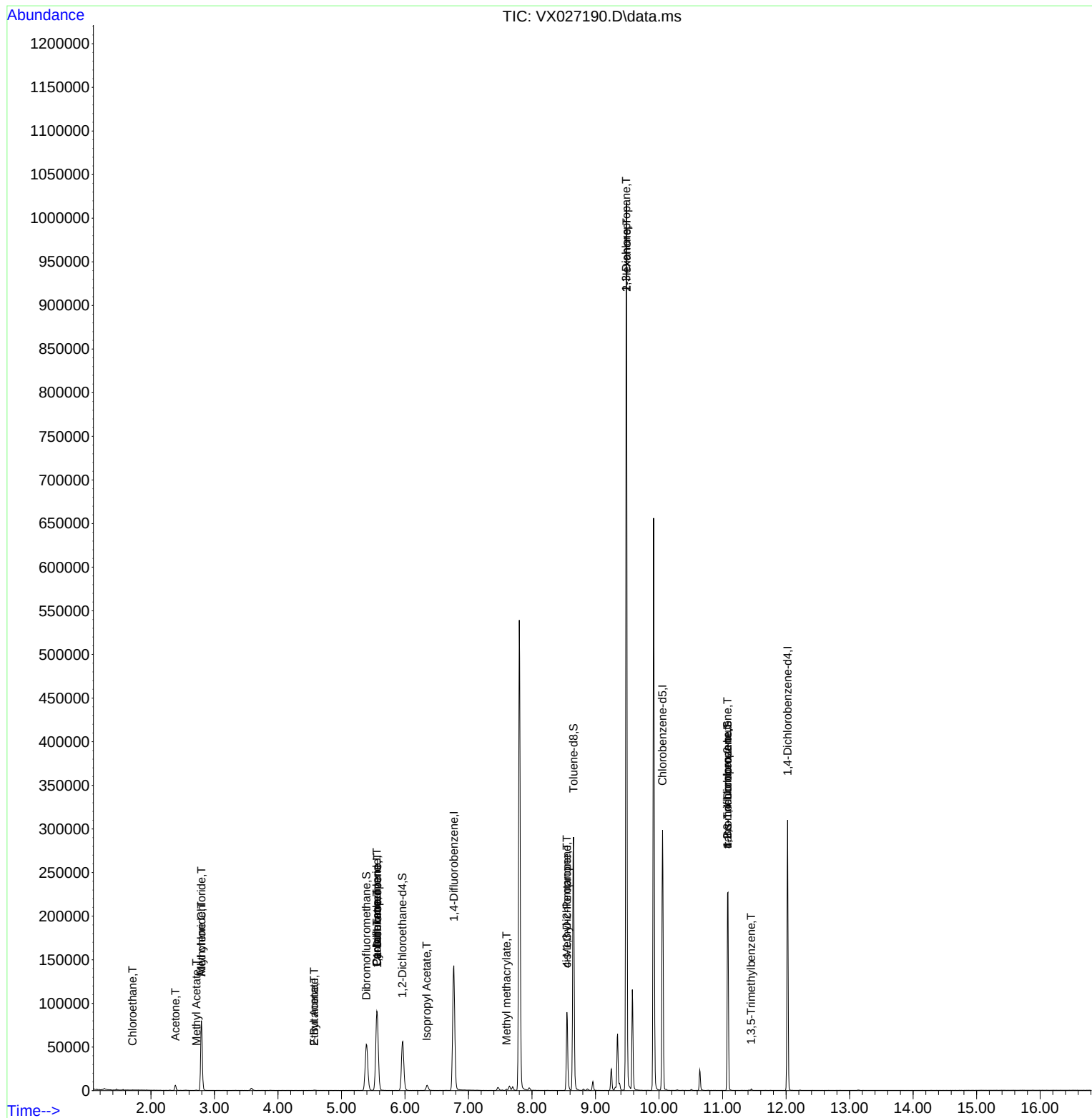
Internal Standards						
1) Pentafluorobenzene	5.556	168	89762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	150447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54885	50.911	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.820%			
35) Dibromofluoromethane	5.391	113	47141	50.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.653	98	174497	49.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.079	95	65303	48.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.440%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	93	Below Cal	#	77
6) Chloroethane	1.709	64	138	0.271	ug/l #	43
14) Allyl chloride	2.794	41	1365	0.887	ug/l #	25
16) Acetone	2.386	43	6305	13.321	ug/l #	88
18) Methyl Acetate	2.715	43	596	0.488	ug/l #	78
20) Methylene Chloride	2.794	84	36014	36.710	ug/l	96
25) 2-Butanone	4.568	43	856	1.136	ug/l	95
31) Cyclohexane	5.556	56	1554	0.963	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6447	4.730	ug/l #	50
37) Ethyl Acetate	4.568	43	856	0.572	ug/l #	69
38) Carbon Tetrachloride	5.556	117	8723	6.137	ug/l #	16
43) Isopropyl Acetate	6.342	43	8185	3.556	ug/l	97
48) Methyl methacrylate	7.598	41	2470	2.217	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	30284	20.241	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14919	9.790	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	8876	5.279	ug/l #	43
59) 2-Hexanone	9.488	43	121596	106.334	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	31626	25.229	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	866	0.231	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	31626	71.406	ug/l #	3

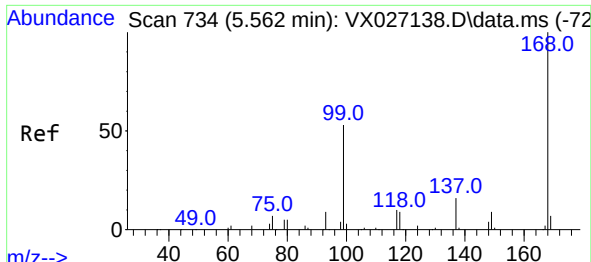
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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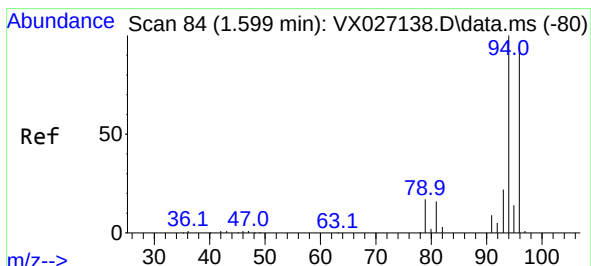
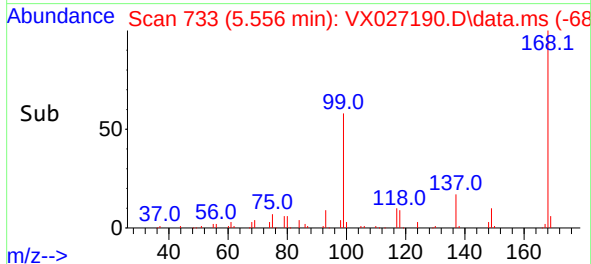
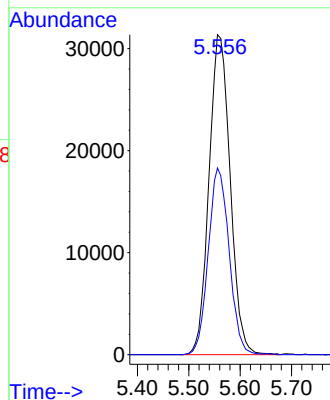
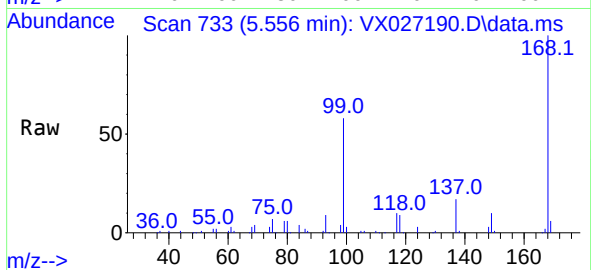




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

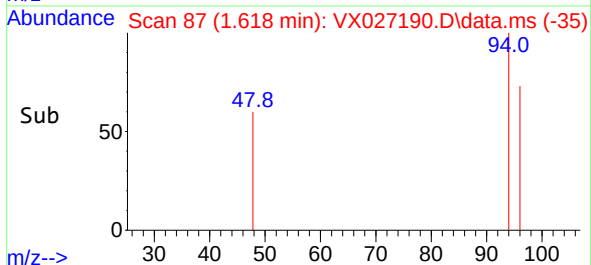
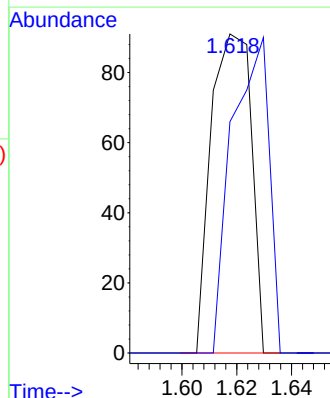
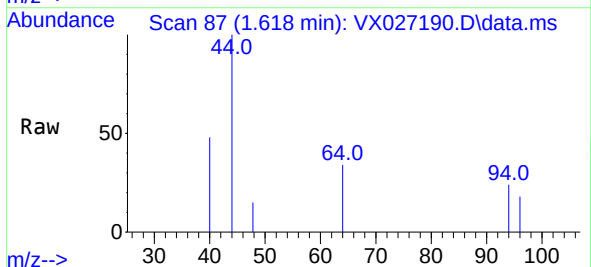
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11

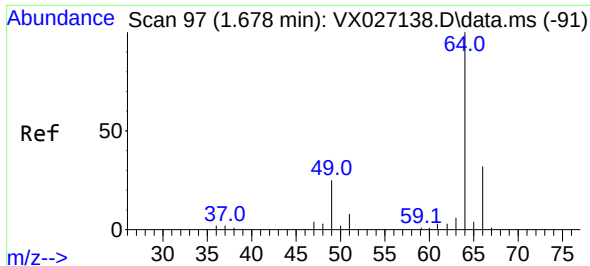
Tgt Ion:168 Resp: 89762
Ion Ratio Lower Upper
168 100
99 58.3 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 72.5 75.9 113.9#

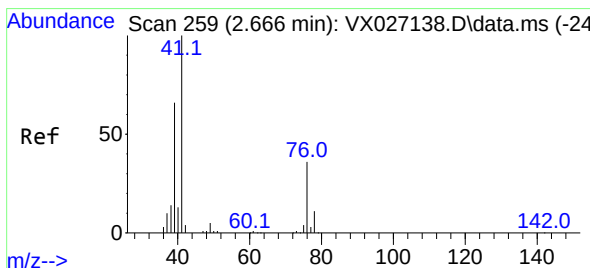
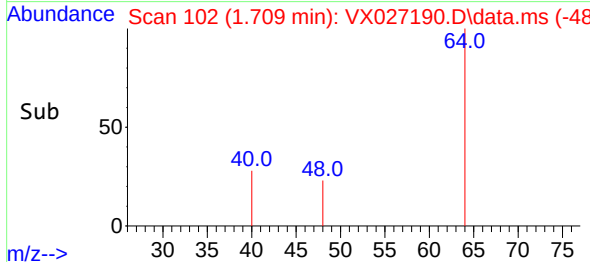
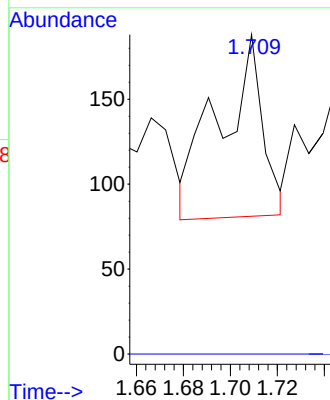
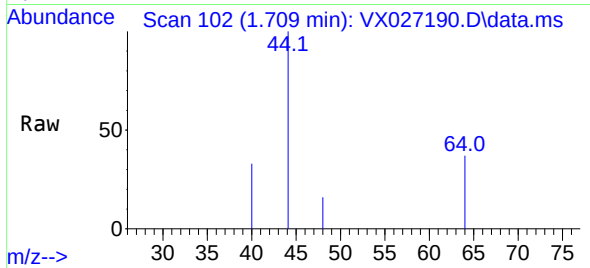




#6
Chloroethane
Concen: 0.271 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

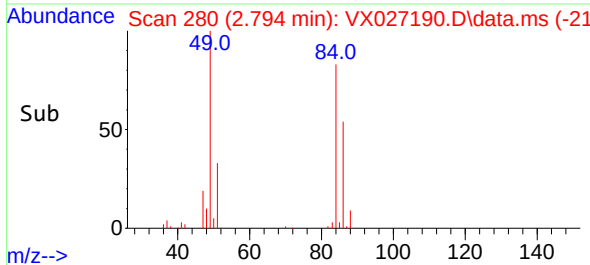
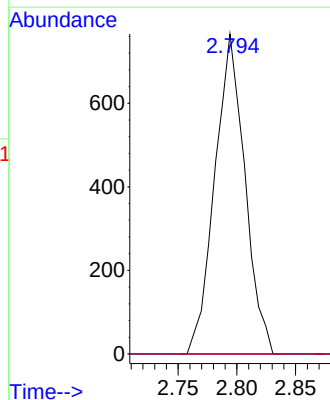
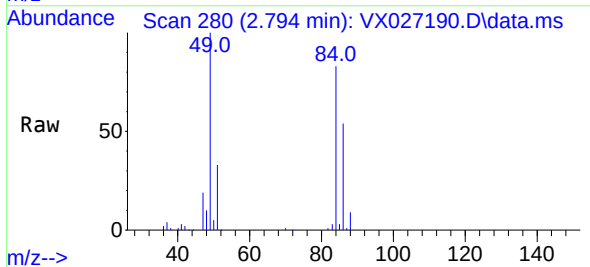
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11

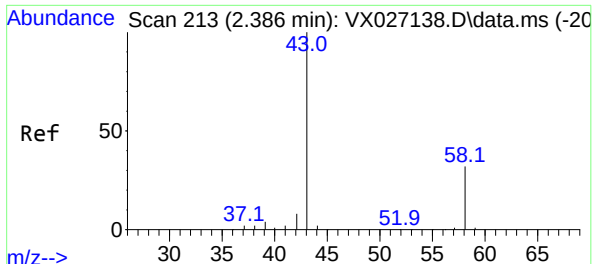
Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#14
Allyl chloride
Concen: 0.887 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.128 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 41 Resp: 1365
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 25.2 37.8#

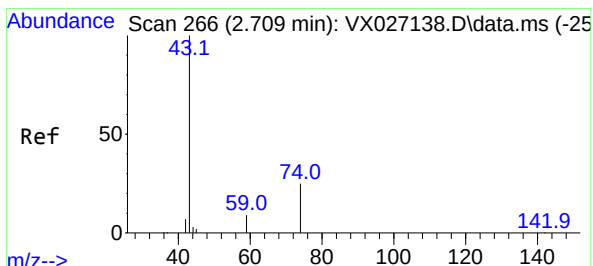
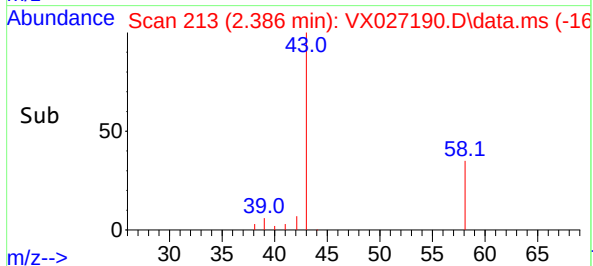
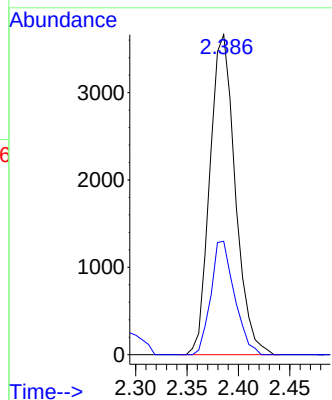
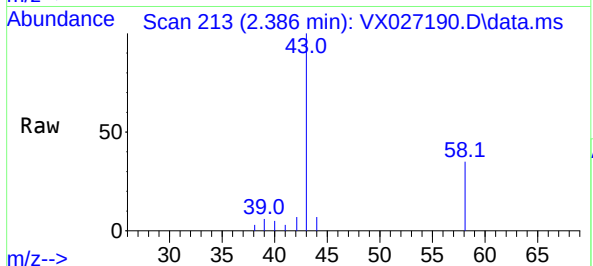




#16
Acetone
Concen: 13.321 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

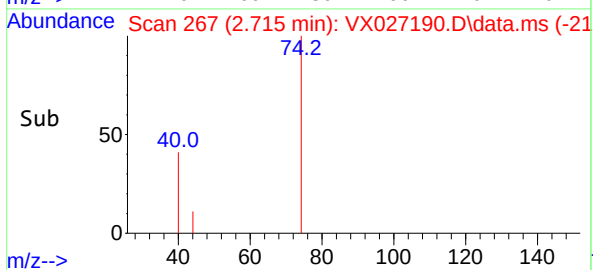
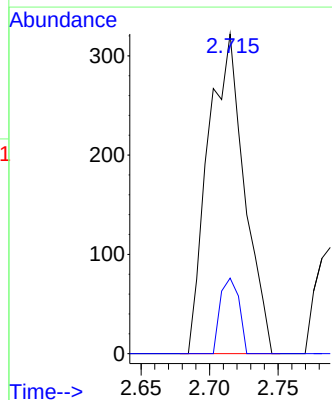
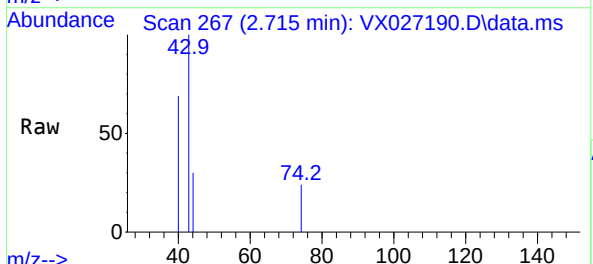
Instrument : MSVOA_X
ClientSampleId : PB142919ZHE#11

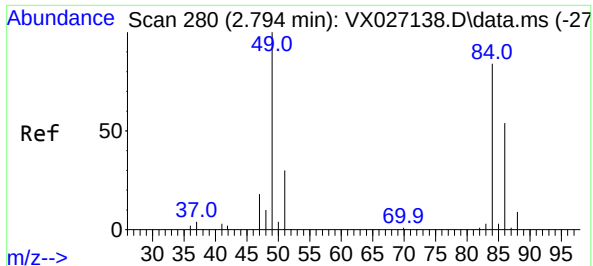
Tgt Ion: 43 Resp: 6305
Ion Ratio Lower Upper
43 100
58 35.4 23.0 34.6#



#18
Methyl Acetate
Concen: 0.488 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
74 12.1 18.3 27.5#

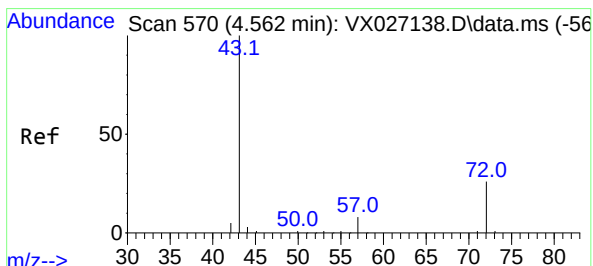
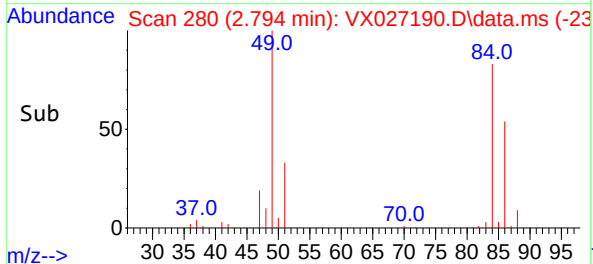
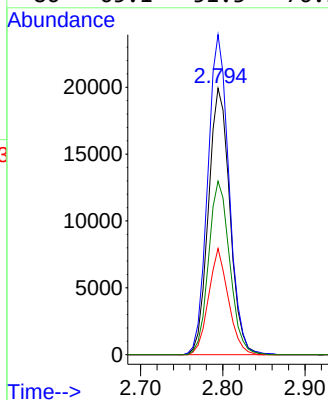
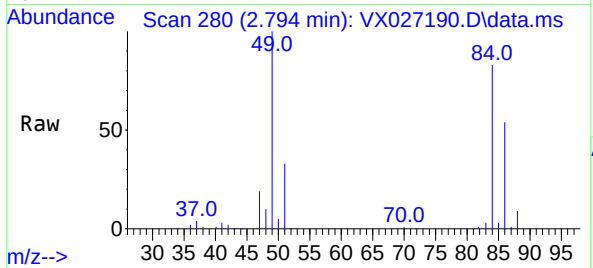




#20
Methylene Chloride
Concen: 36.710 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

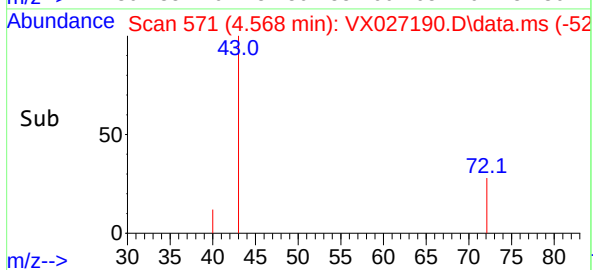
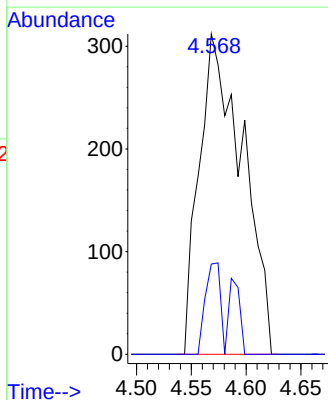
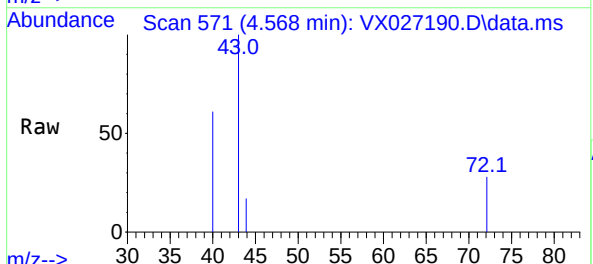
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11

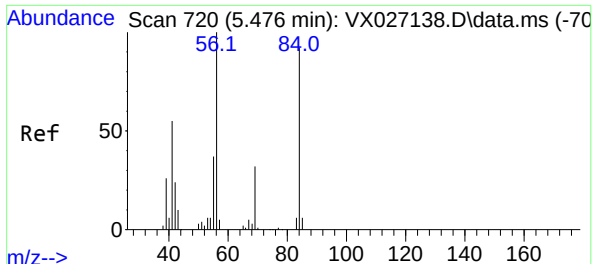
Tgt Ion:	84	Resp:	36014
Ion	Ratio	Lower	Upper
84	100		
49	120.1	101.5	152.3
51	39.9	31.2	46.8
86	65.1	51.3	76.9



#25
2-Butanone
Concen: 1.136 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

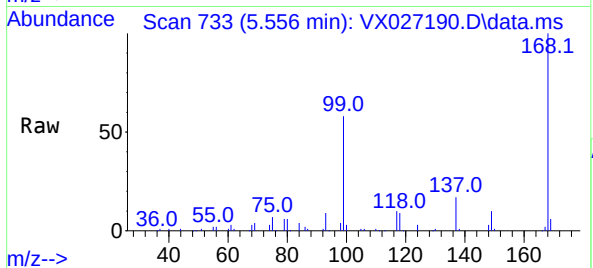
Tgt Ion:	43	Resp:	856
Ion	Ratio	Lower	Upper
43	100		
72	28.2	20.4	30.6





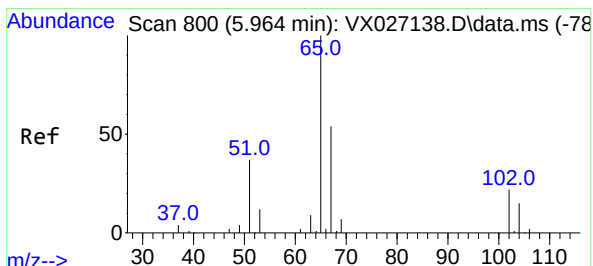
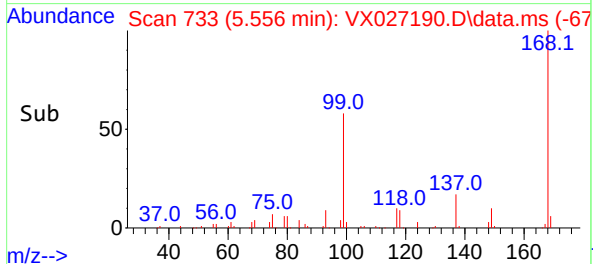
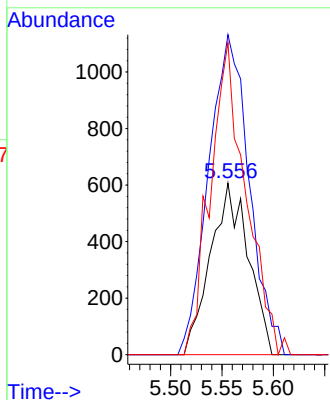
#31
Cyclohexane
Concen: 0.963 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11



Tgt Ion: 56 Resp: 1554

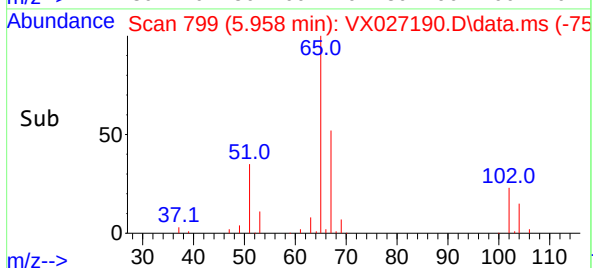
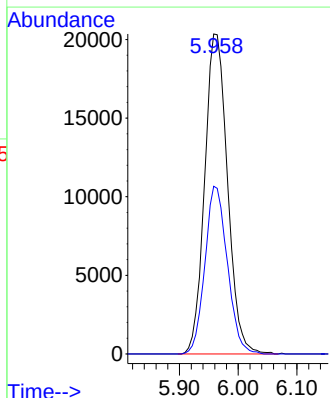
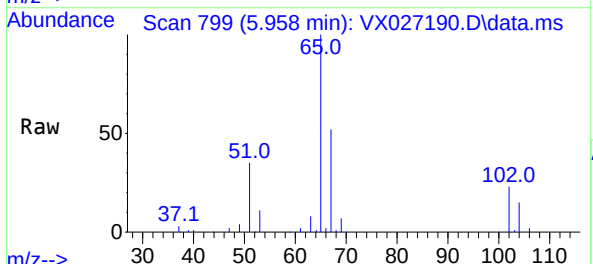
Ion	Ratio	Lower	Upper
56	100		
69	186.5	25.8	38.6#
84	181.9	68.9	103.3#

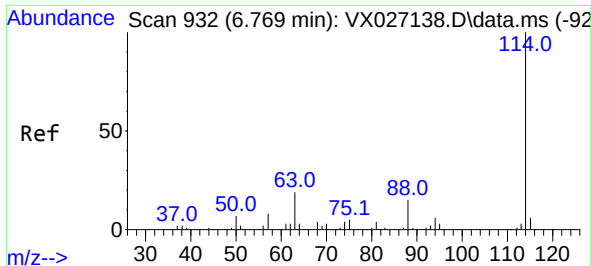


#33
1,2-Dichloroethane-d4
Concen: 50.911 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 65 Resp: 54885

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.8

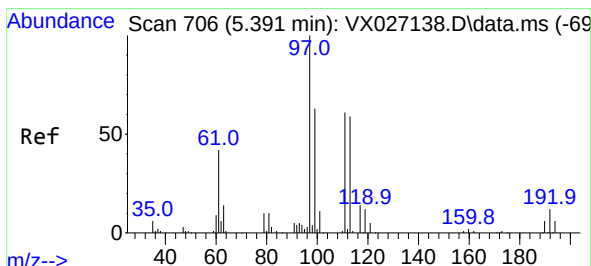
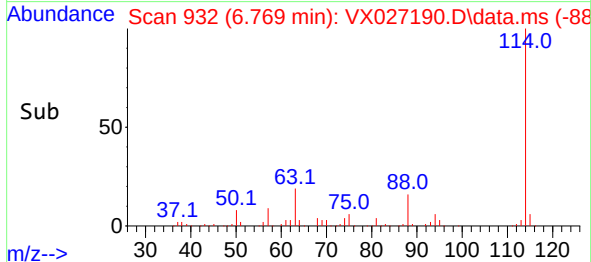
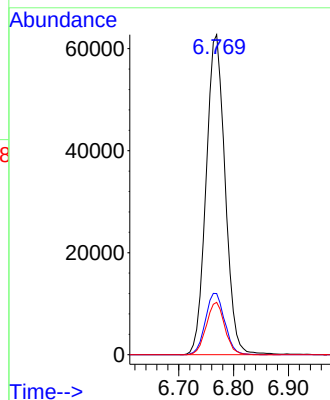
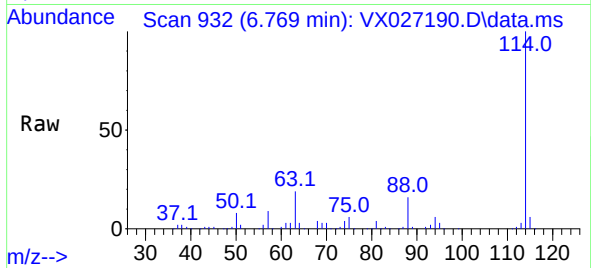




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

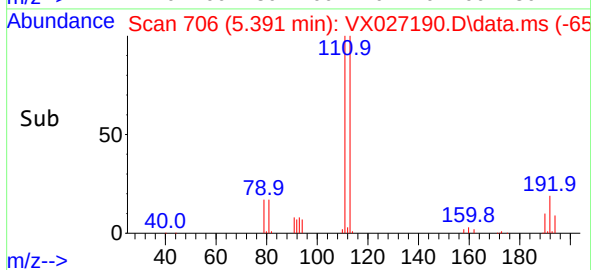
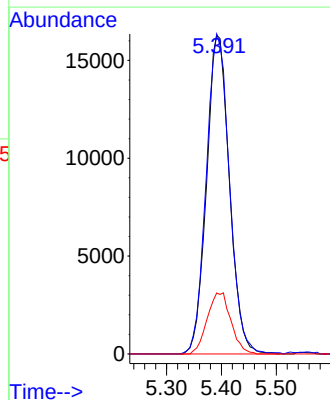
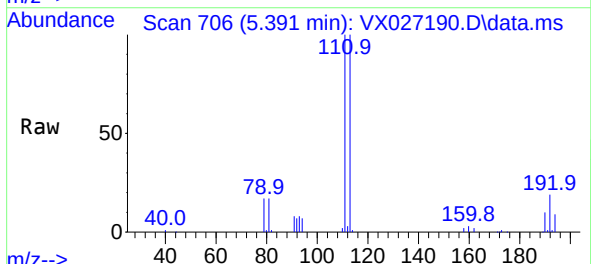
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MSVOA_X
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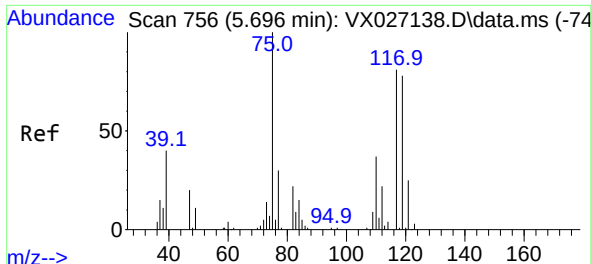
Tgt Ion:114 Resp: 150447
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.480 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion:113 Resp: 47141
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.9 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027190.D

Acq: 25 Feb 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#11

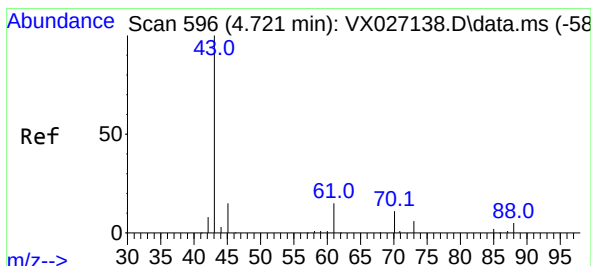
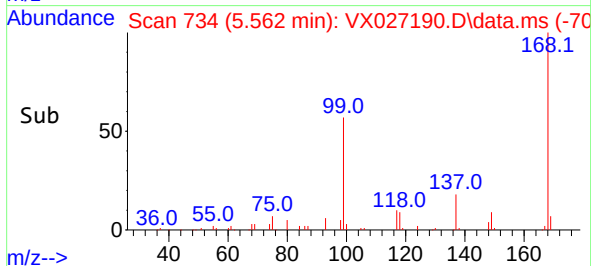
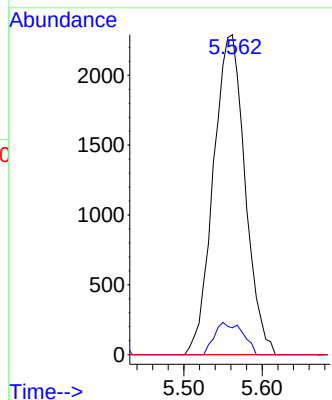
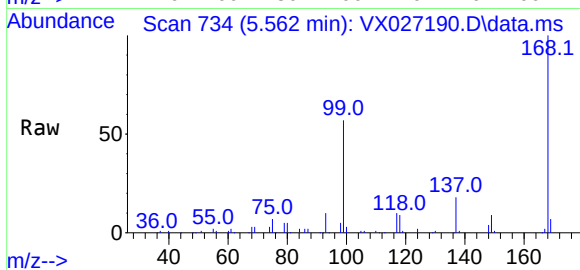
Tgt Ion: 75 Resp: 6447

Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 0.572 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.153 min

Lab File: VX027190.D

Acq: 25 Feb 2022 15:43

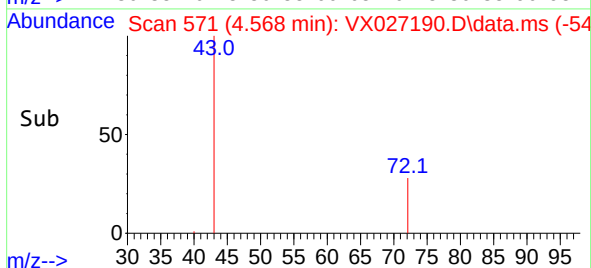
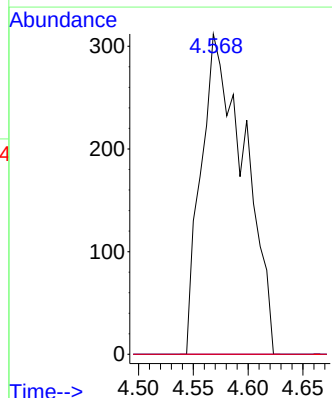
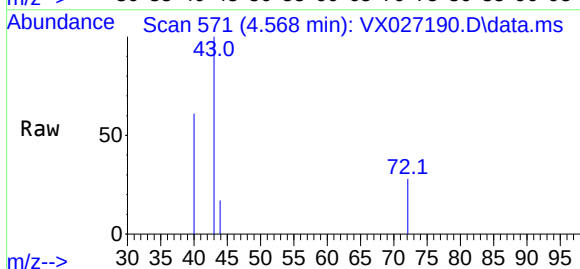
Tgt Ion: 43 Resp: 856

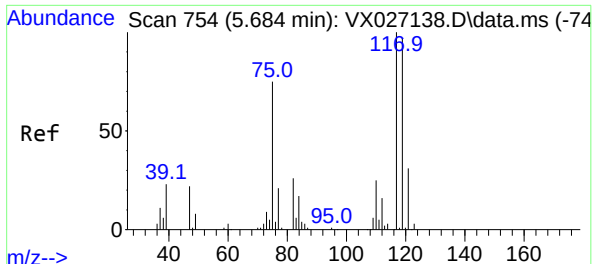
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

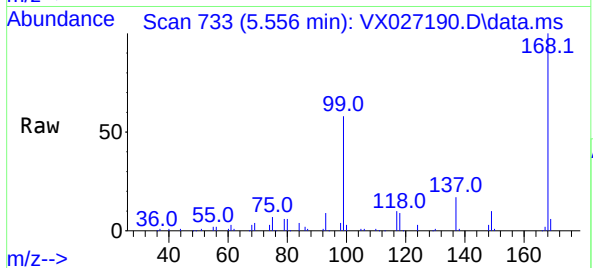
70 0.0 8.5 12.7#



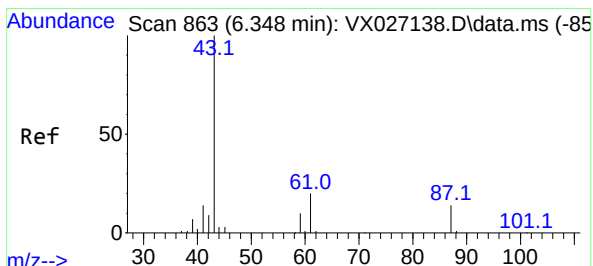
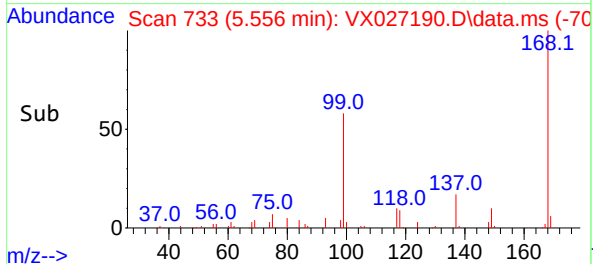
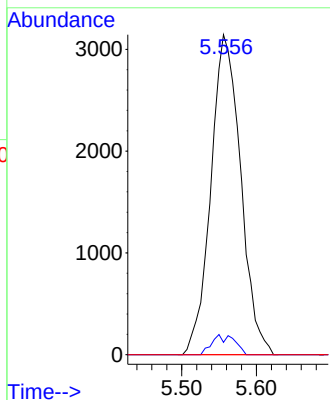


#38
Carbon Tetrachloride
Concen: 6.137 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11

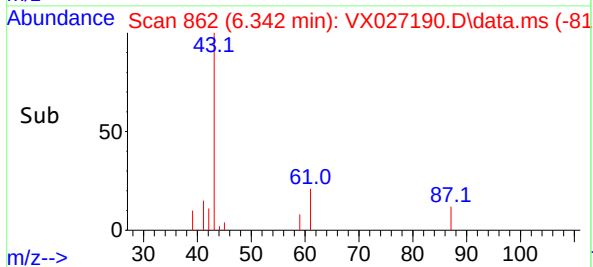
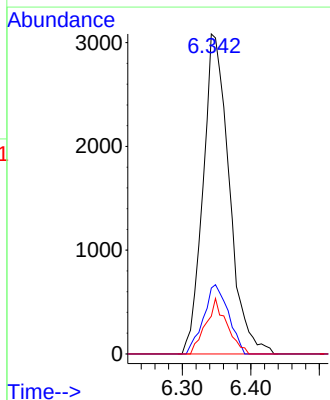
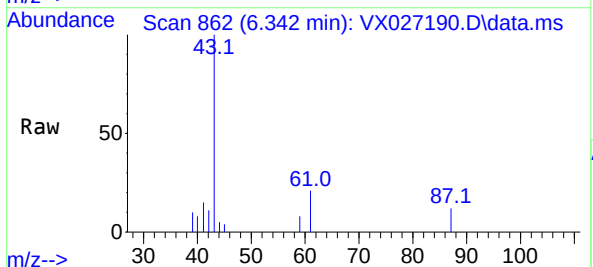


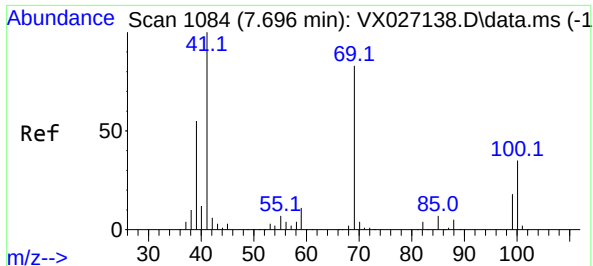
Tgt Ion:117 Resp: 8723
Ion Ratio Lower Upper
117 100
119 3.8 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.556 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 43 Resp: 8185
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.0
87 13.9 10.2 15.2





#48

Methyl methacrylate

Concen: 2.217 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX027190.D

Acq: 25 Feb 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#11

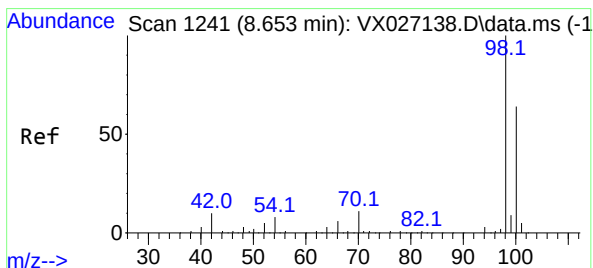
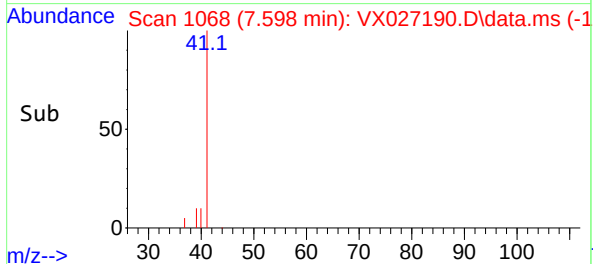
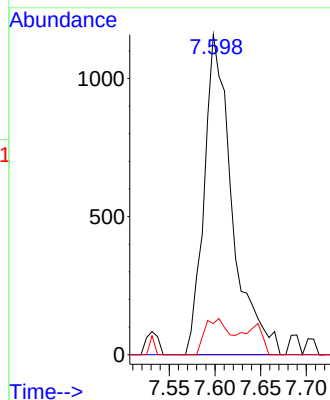
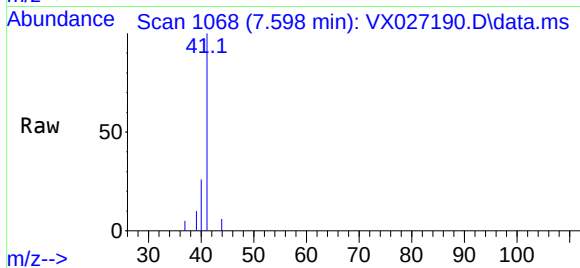
Tgt Ion: 41 Resp: 2470

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 49.974 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027190.D

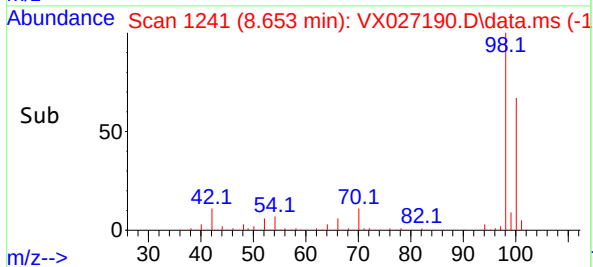
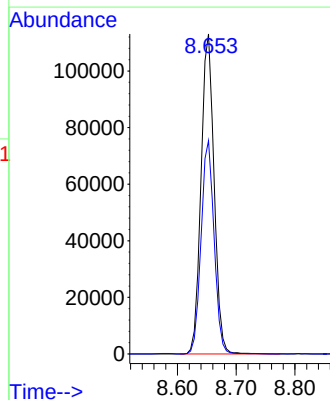
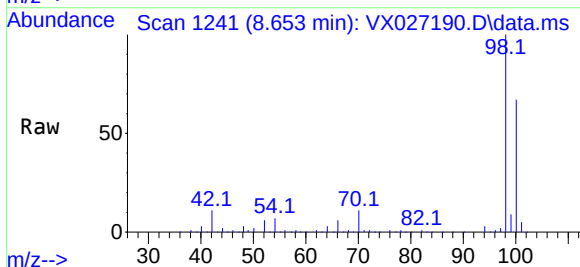
Acq: 25 Feb 2022 15:43

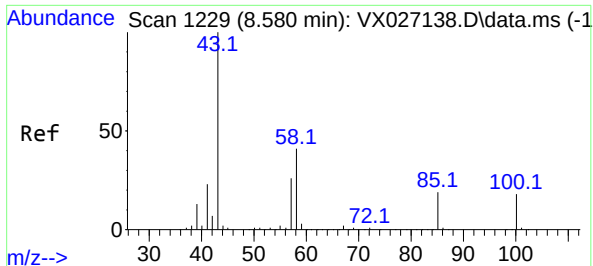
Tgt Ion: 98 Resp: 174497

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 20.241 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX027190.D

Acq: 25 Feb 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

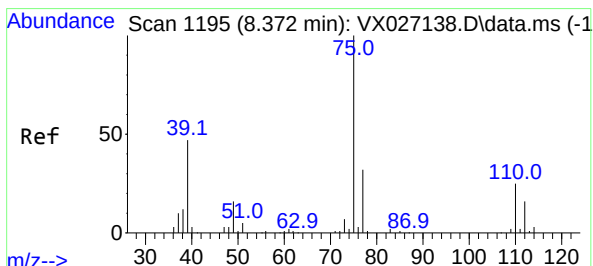
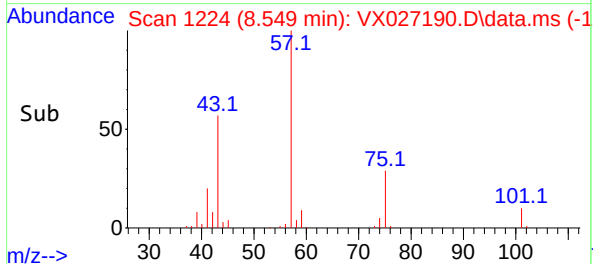
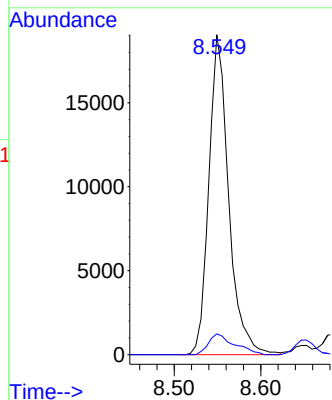
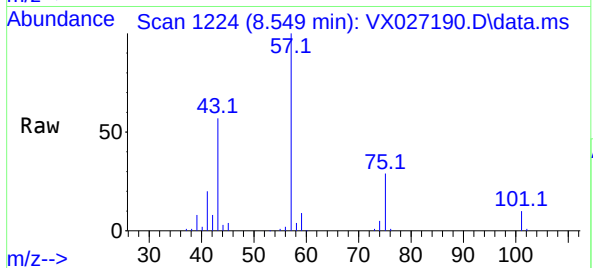
PB142919ZHE#11

Tgt Ion: 43 Resp: 30284

Ion Ratio Lower Upper

43 100

58 8.5 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 9.790 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX027190.D

Acq: 25 Feb 2022 15:43

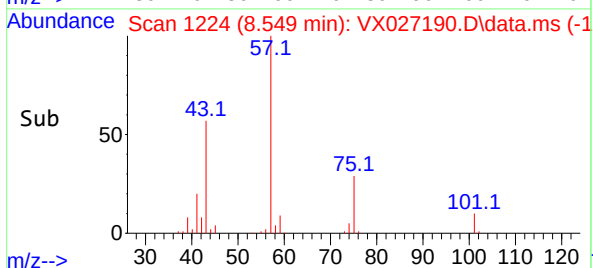
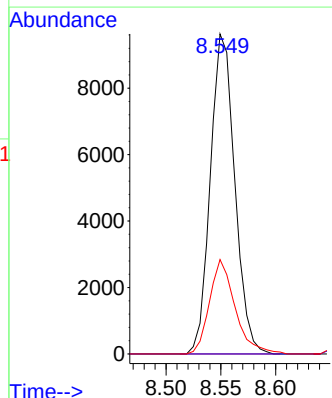
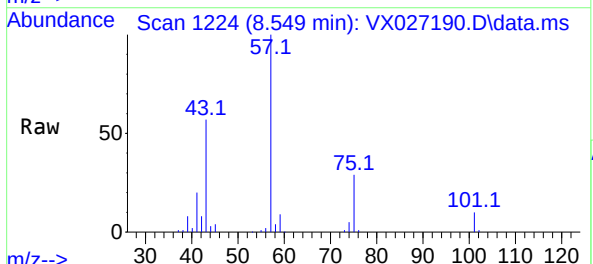
Tgt Ion: 75 Resp: 14919

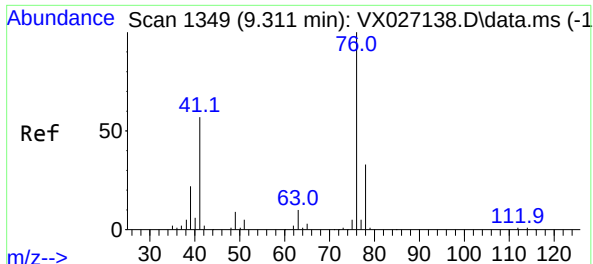
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 29.5 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 5.279 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.171 min

Lab File: VX027190.D

Acq: 25 Feb 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

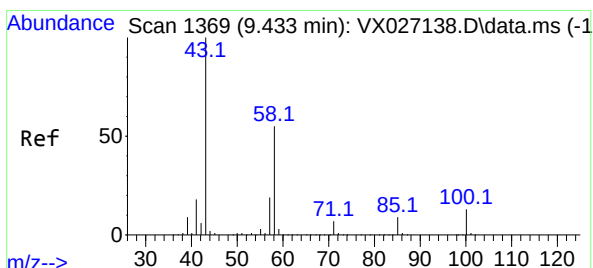
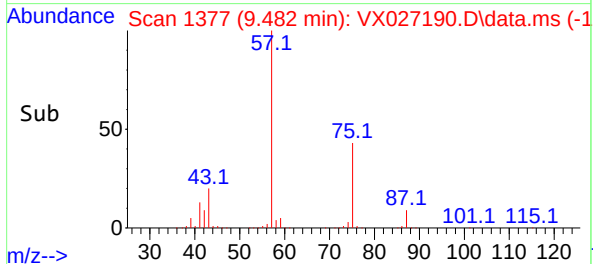
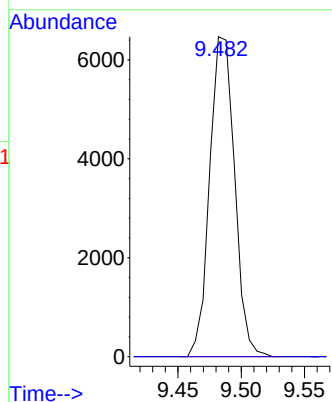
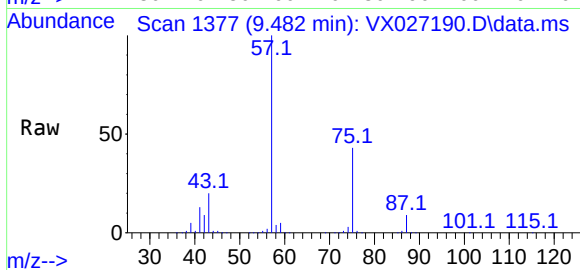
PB142919ZHE#11

Tgt Ion: 76 Resp: 8876

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 106.334 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX027190.D

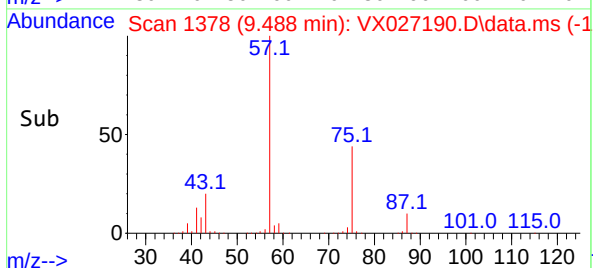
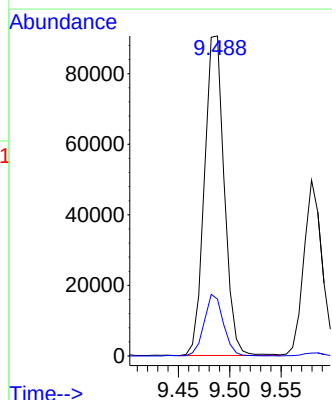
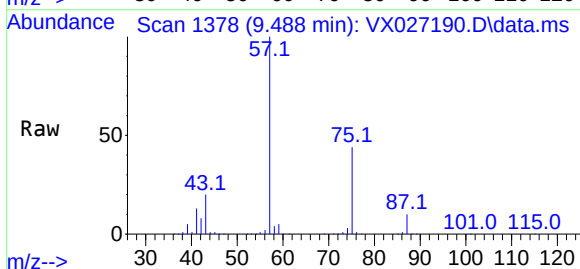
Acq: 25 Feb 2022 15:43

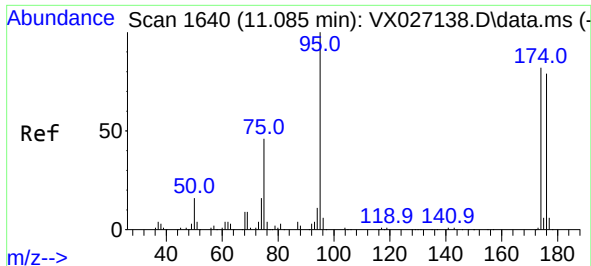
Tgt Ion: 43 Resp: 121596

Ion Ratio Lower Upper

43 100

58 18.9 26.4 79.2#

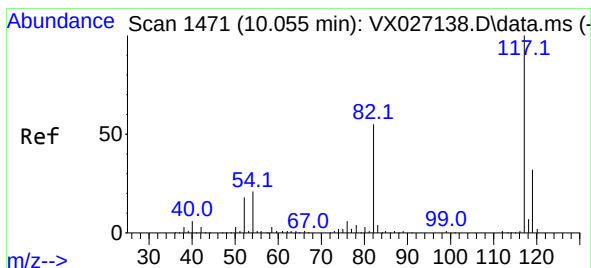
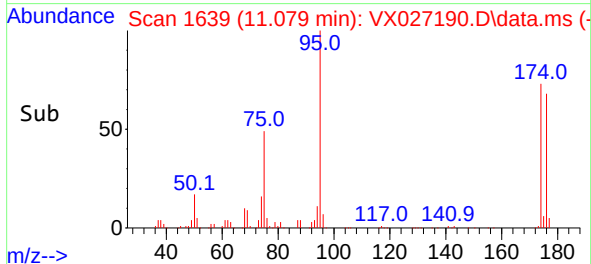
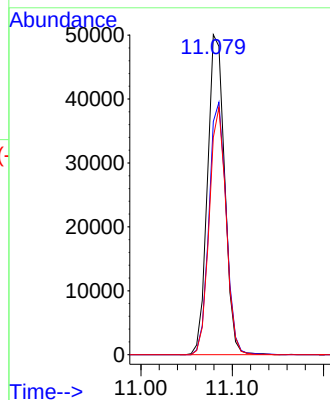
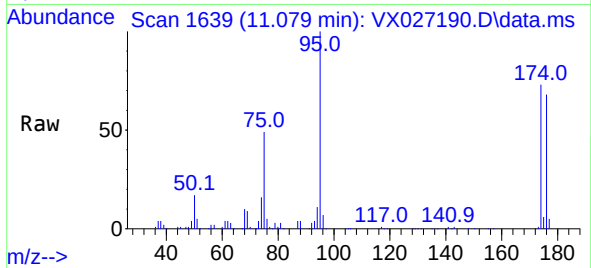




#62
4-Bromofluorobenzene
Concen: 48.722 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

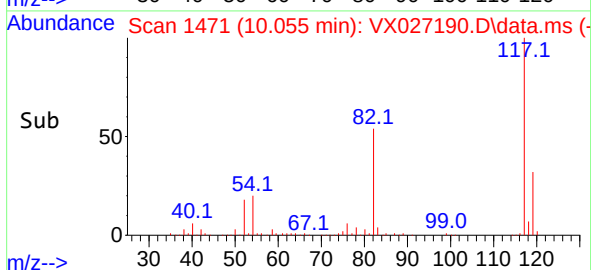
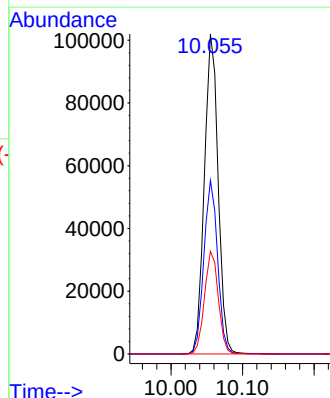
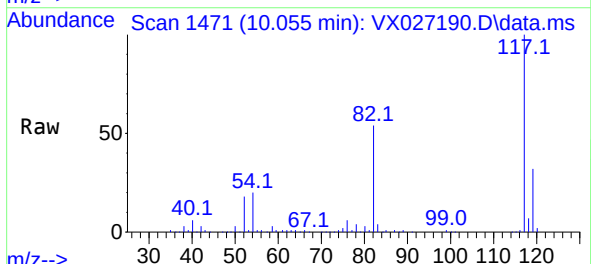
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11

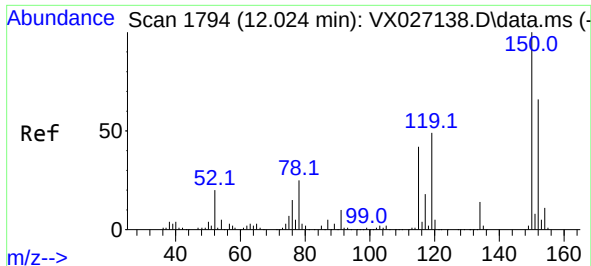
Tgt Ion: 95 Resp: 65303
Ion Ratio Lower Upper
95 100
174 79.1 0.0 148.6
176 75.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 117 Resp: 136583
Ion Ratio Lower Upper
117 100
82 54.3 45.2 67.8
119 32.0 26.2 39.2

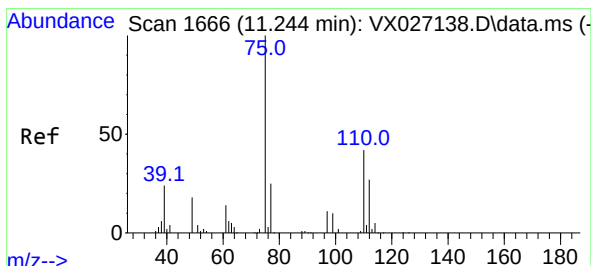
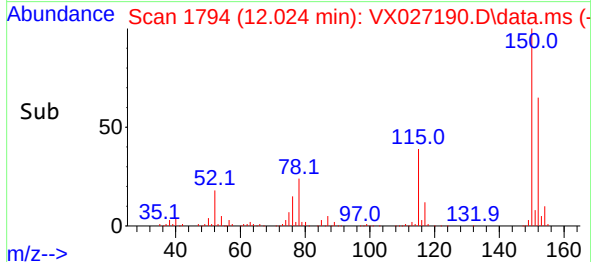
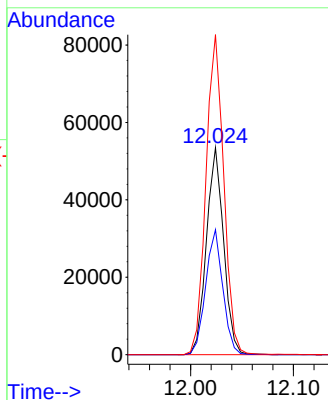
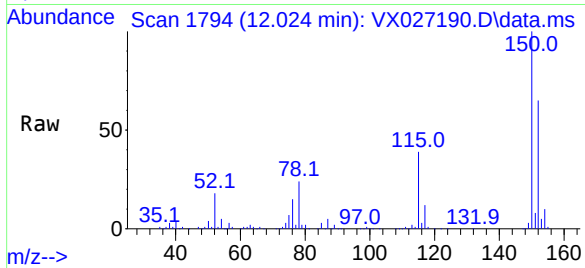




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

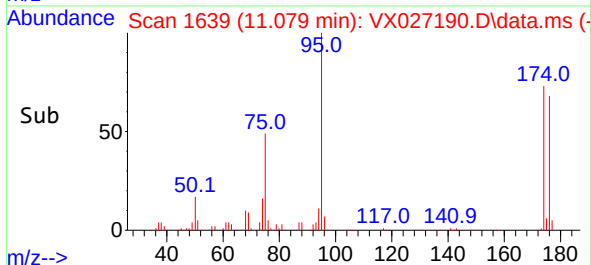
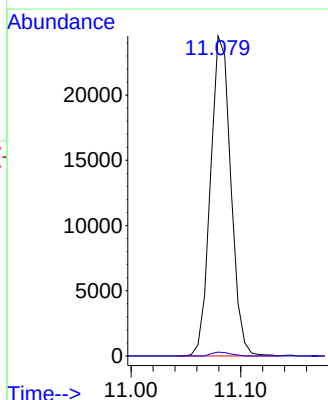
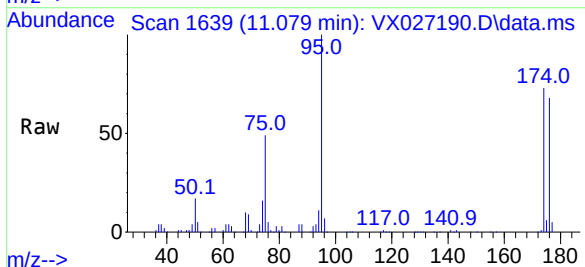
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11

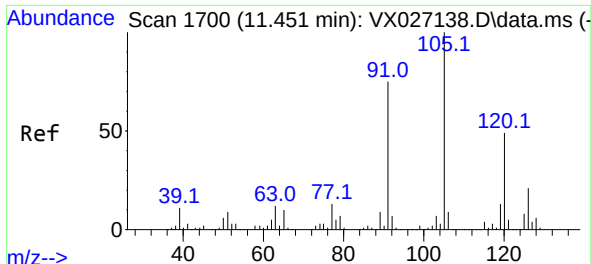
Tgt Ion:152 Resp: 62235
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 159.8 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 75 Resp: 31626
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

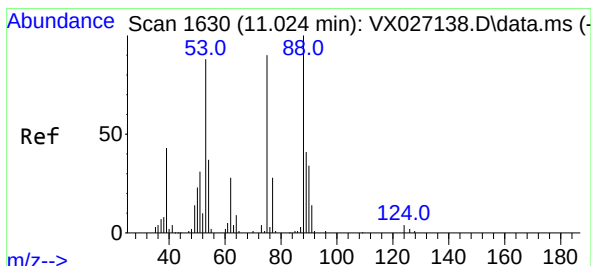
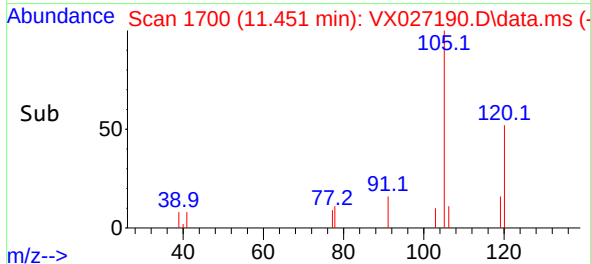
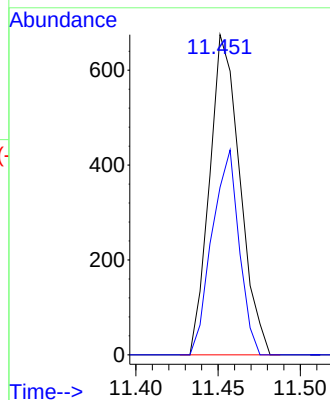
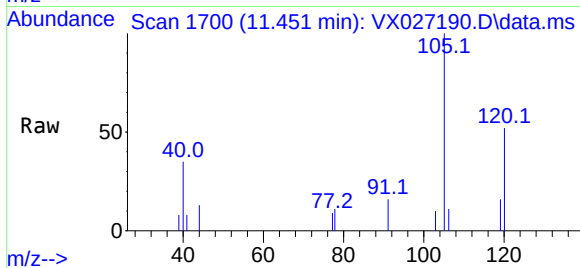




#80
1,3,5-Trimethylbenzene
Concen: 0.231 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#11

Tgt Ion:105 Resp: 866
Ion Ratio Lower Upper
105 100
120 57.0 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 71.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027190.D
Acq: 25 Feb 2022 15:43

Tgt Ion: 75 Resp: 31626
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

