

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026688.D
 Acq On : 31 Jan 2022 18:13
 Operator : JC/MD
 Sample : PB142369ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#11

Quant Time: Feb 01 06:30:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

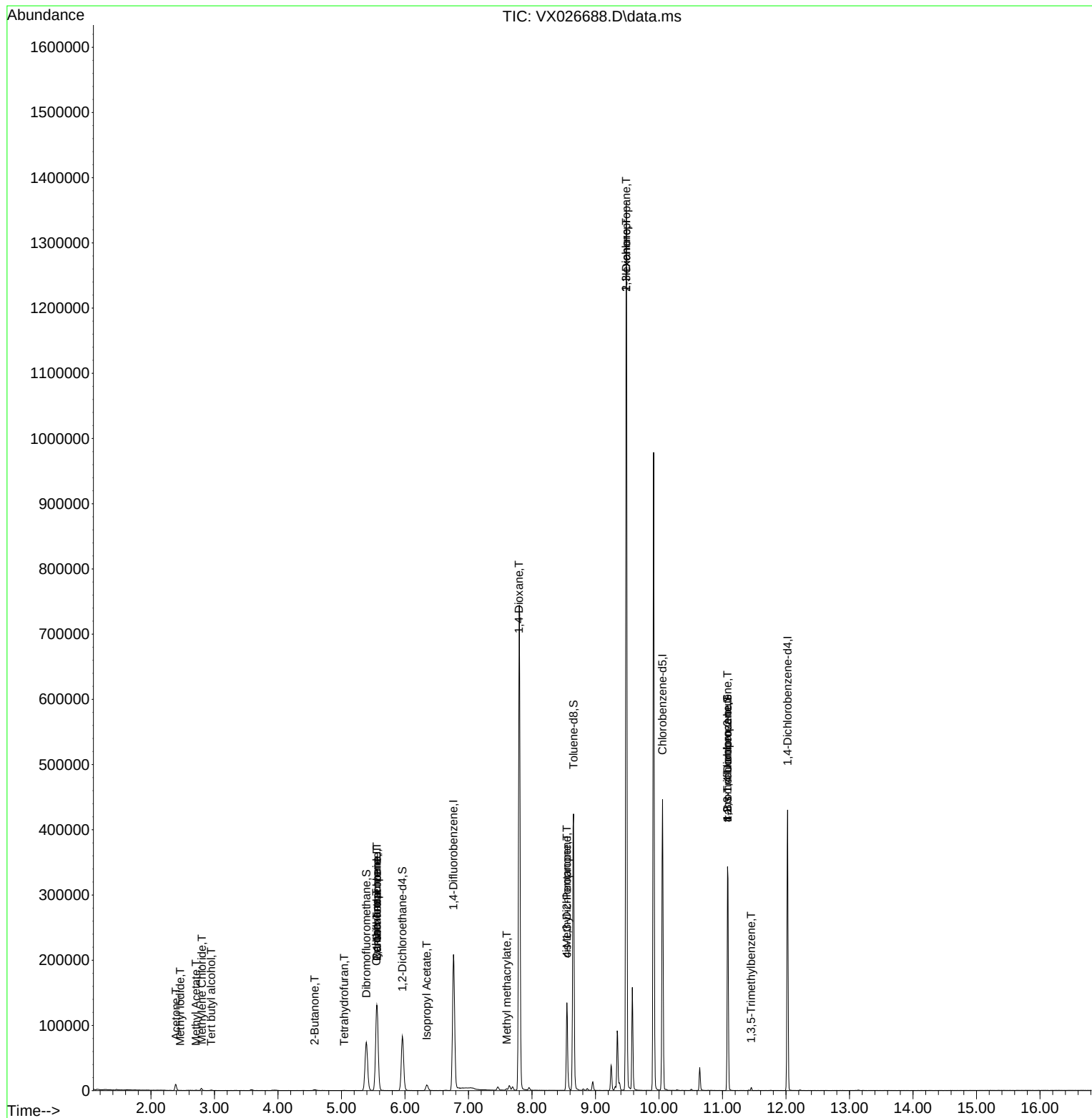
Internal Standards						
1) Pentafluorobenzene	5.556	168	125658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80533	45.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.760%
35) Dibromofluoromethane	5.391	113	66383	48.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.653	98	251730	51.117	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.240%
62) 4-Bromofluorobenzene	11.079	95	94674	54.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.240%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	19	4.457	ug/l #	37
11) Tert butyl alcohol	2.947	59	480	1.966	ug/l #	75
16) Acetone	2.392	43	11526	12.876	ug/l	95
18) Methyl Acetate	2.709	43	969	0.544	ug/l #	78
20) Methylene Chloride	2.800	84	1293	0.874	ug/l #	86
25) 2-Butanone	4.574	43	2540	2.182	ug/l #	87
29) Tetrahydrofuran	5.044	42	181	0.262	ug/l #	43
31) Cyclohexane	5.550	56	2501	0.966	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9602	4.451	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13027	5.870	ug/l #	17
43) Isopropyl Acetate	6.342	43	12285	3.485	ug/l	99
48) Methyl methacrylate	7.604	41	3763	2.154	ug/l #	16
49) 1,4-Dioxane	7.793	88	45	1.570	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44485	21.275	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	21161	9.293	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	11901	4.811	ug/l #	43
59) 2-Hexanone	9.482	43	169149	105.697	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	46190	24.231	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2268	0.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	46190	73.806	ug/l #	3

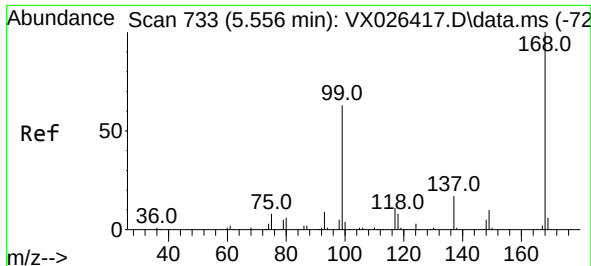
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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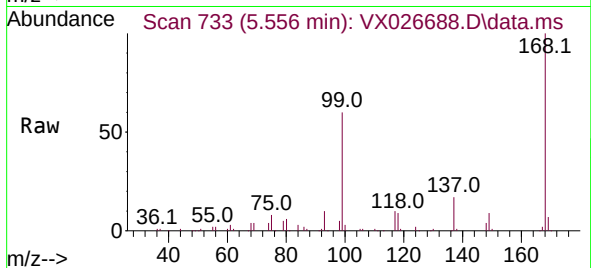
Quant Time: Feb 01 06:30:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



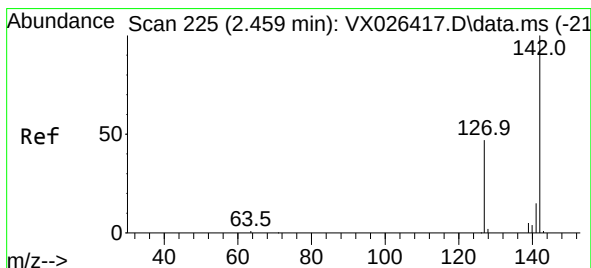
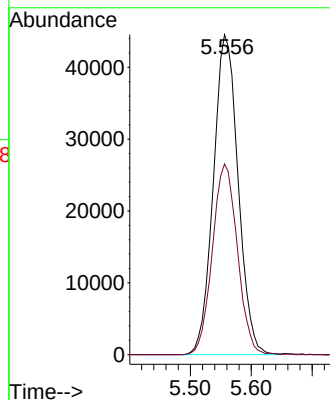
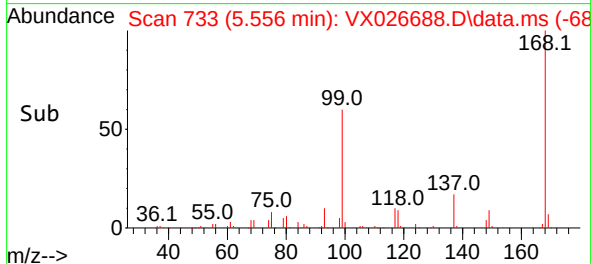


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

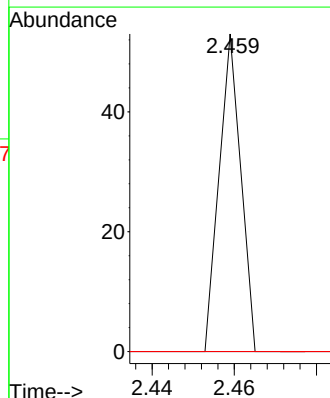
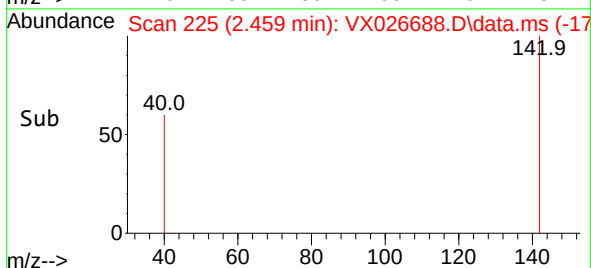
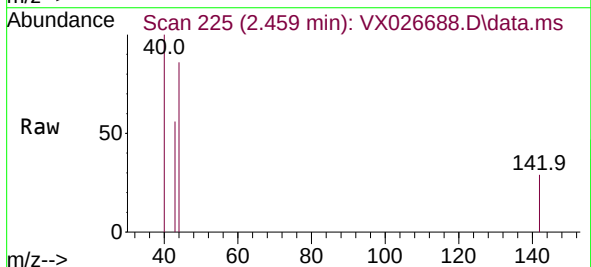


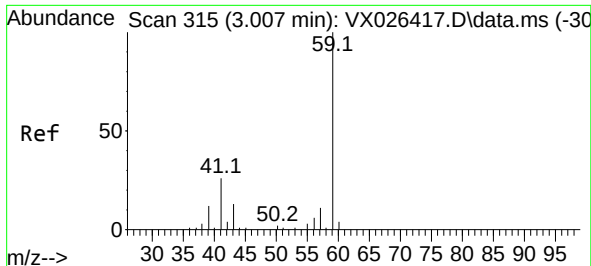
Tgt Ion:168 Resp: 125658
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.457 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

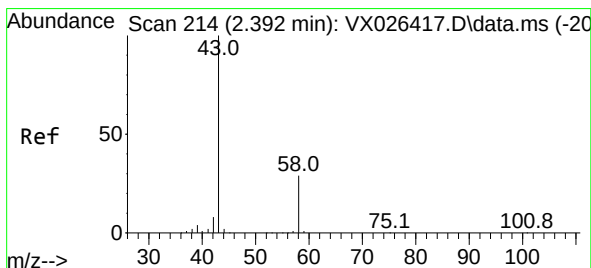
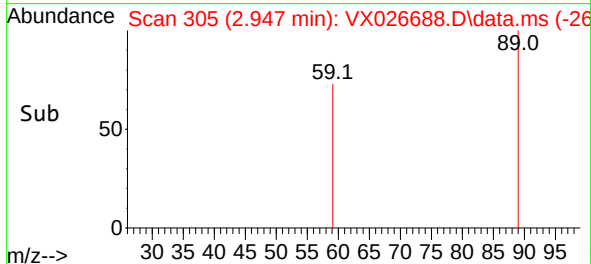
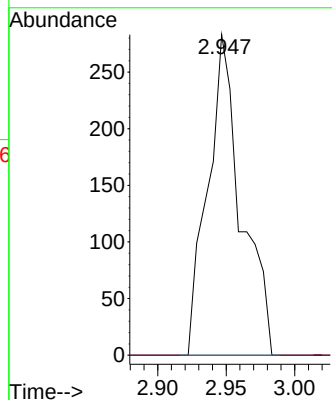
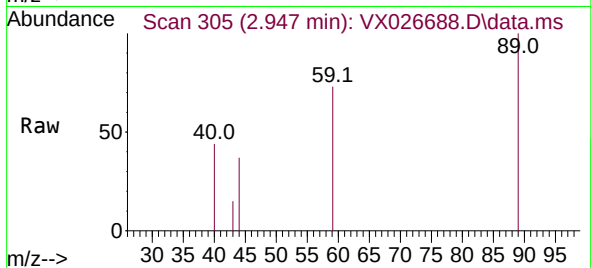




#11
Tert butyl alcohol
Concen: 1.966 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

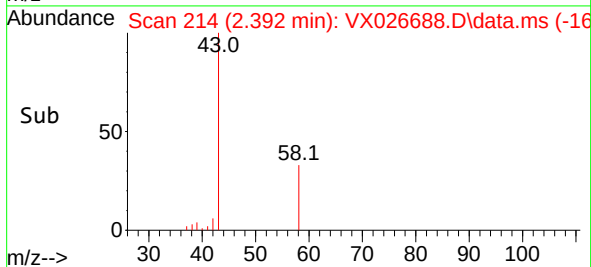
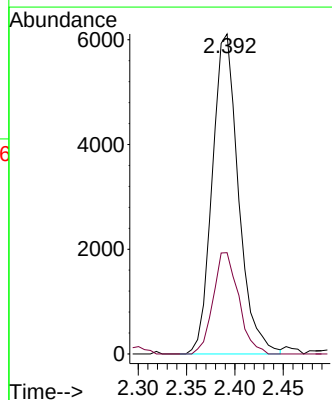
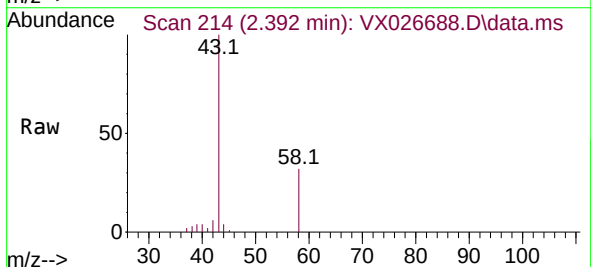
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

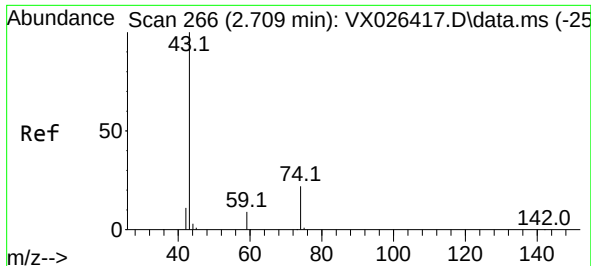
Tgt Ion: 59 Resp: 480
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 12.876 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 43 Resp: 11526
Ion Ratio Lower Upper
43 100
58 31.7 23.0 34.6

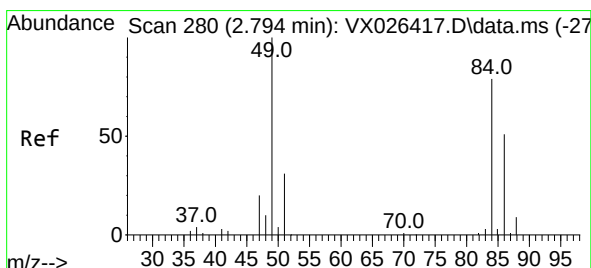
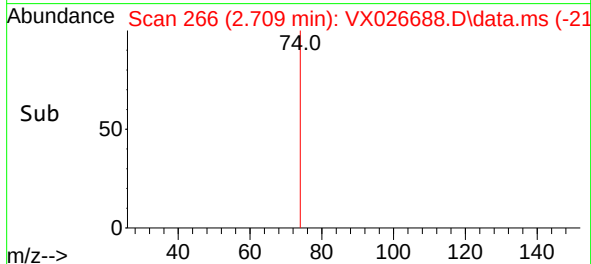
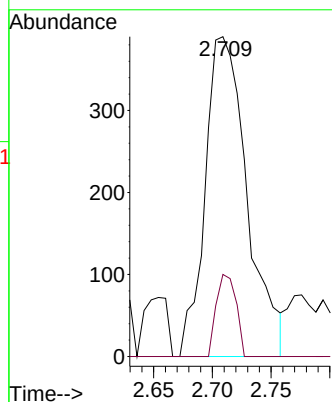
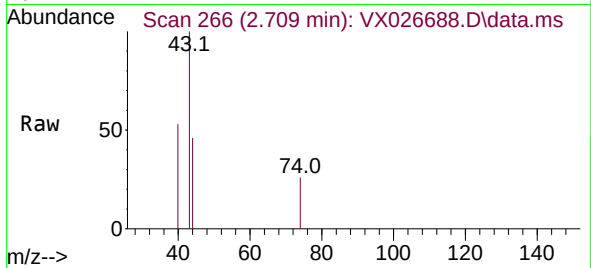




#18
Methyl Acetate
Concen: 0.544 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

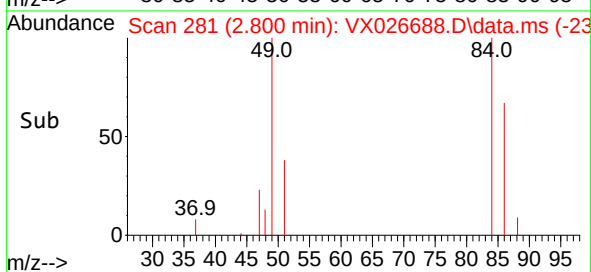
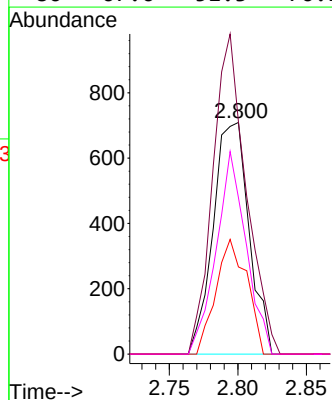
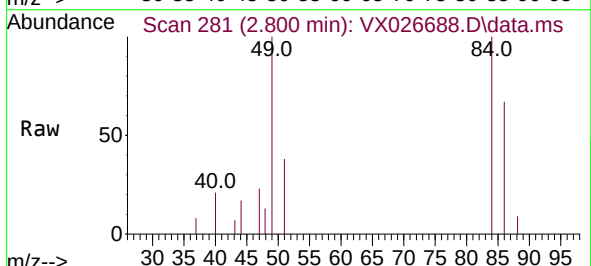
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

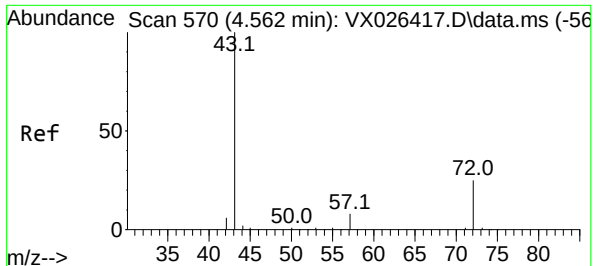
Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
74 12.1 18.3 27.5#



#20
Methylene Chloride
Concen: 0.874 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 84 Resp: 1293
Ion Ratio Lower Upper
84 100
49 100.3 101.5 152.3#
51 37.7 31.2 46.8
86 67.6 51.3 76.9





#25

2-Butanone

Concen: 2.182 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX026688.D

Acq: 31 Jan 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

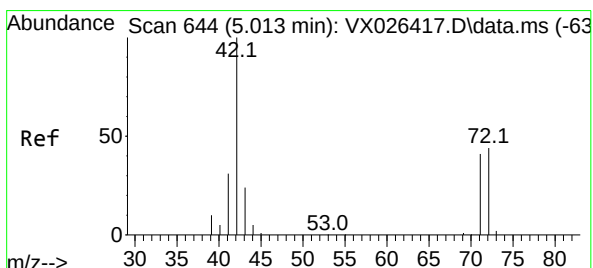
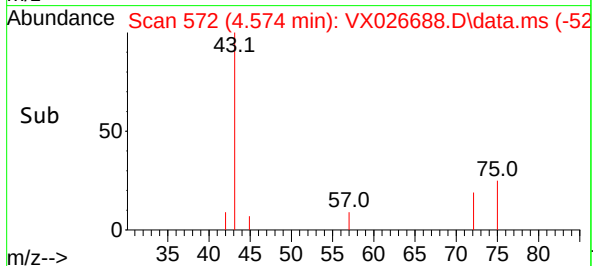
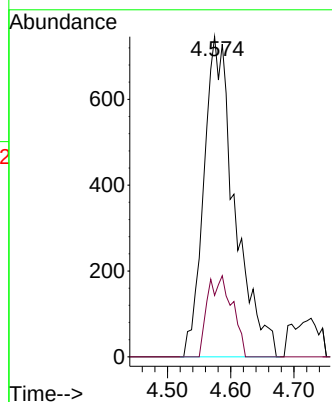
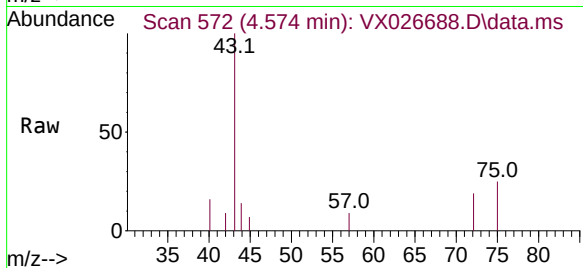
PB142369ZHE#11

Tgt Ion: 43 Resp: 2540

Ion Ratio Lower Upper

43 100

72 19.2 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.262 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX026688.D

Acq: 31 Jan 2022 18:13

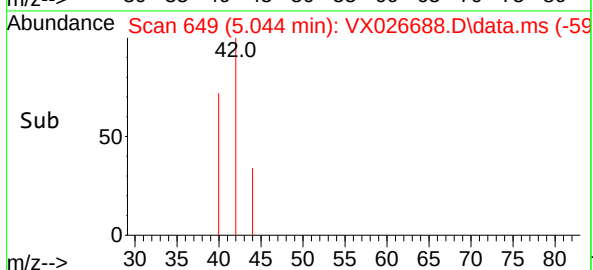
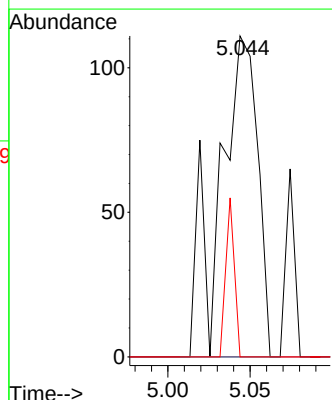
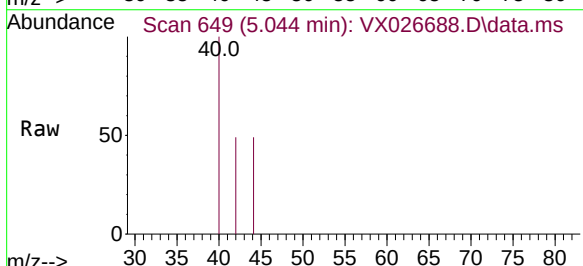
Tgt Ion: 42 Resp: 181

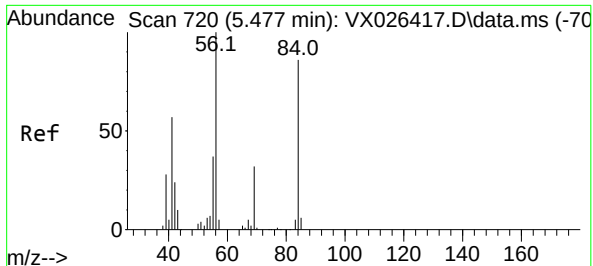
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 11.0 31.8 47.8#

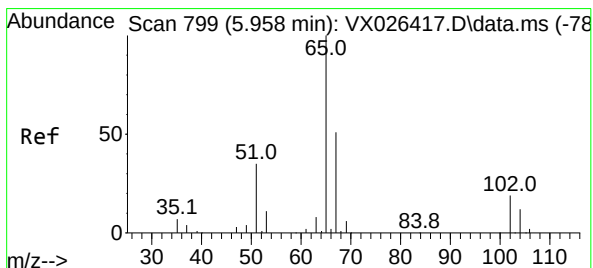
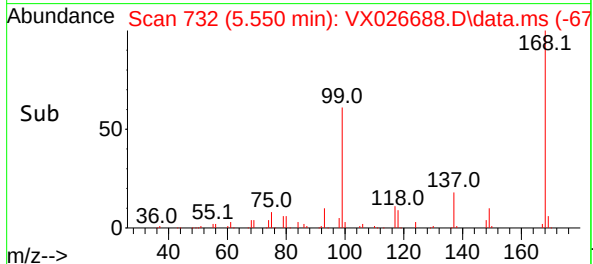
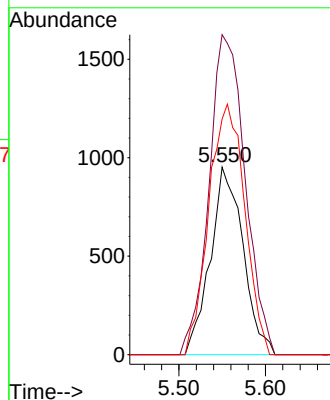
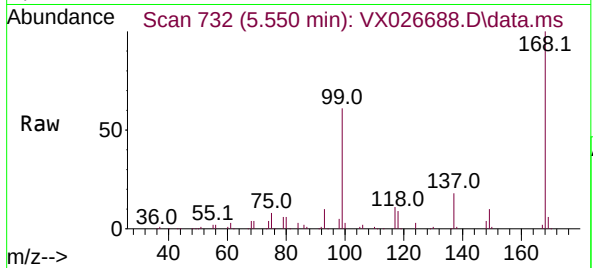




#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

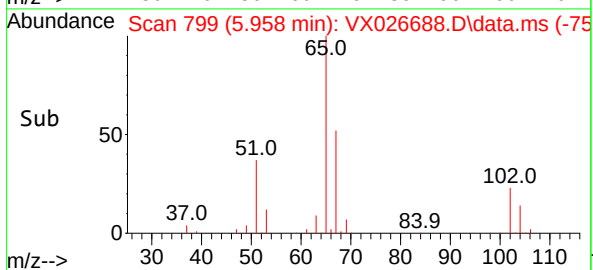
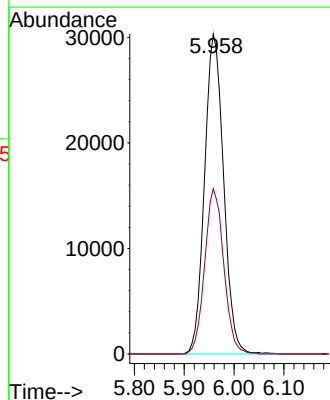
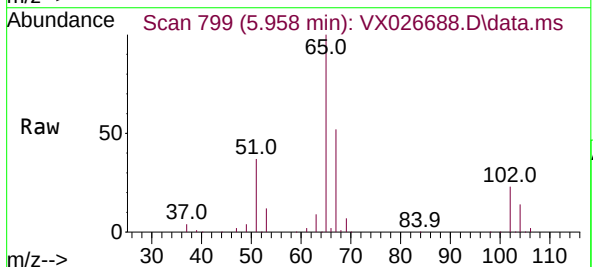
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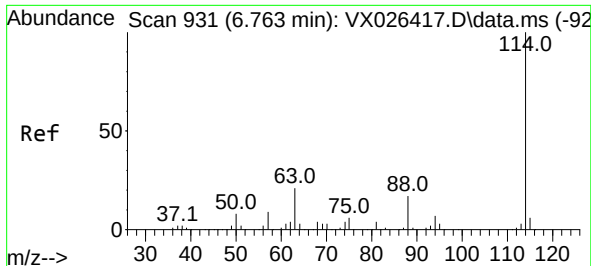
Tgt Ion: 56 Resp: 2501
Ion Ratio Lower Upper
56 100
69 170.7 25.8 38.6#
84 125.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.879 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 65 Resp: 80533
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8

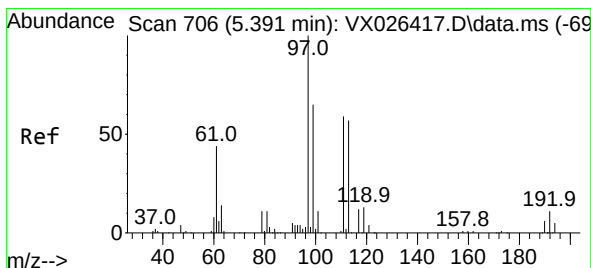
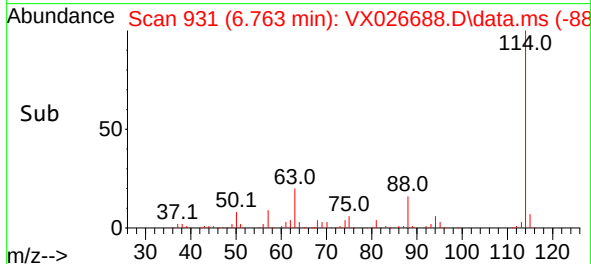
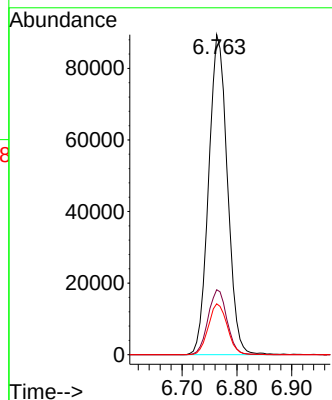
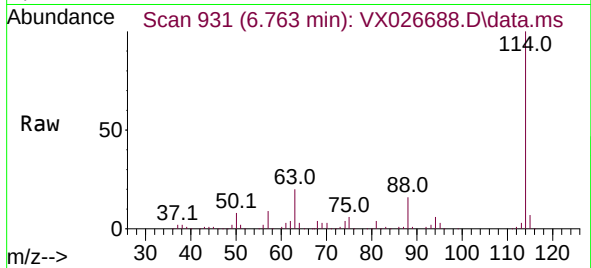




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

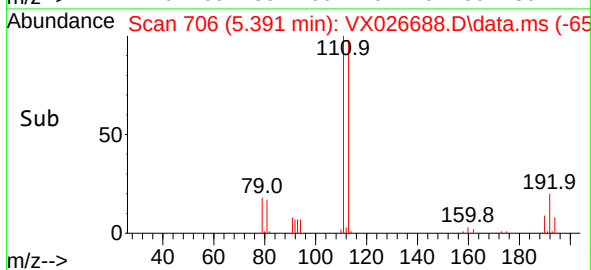
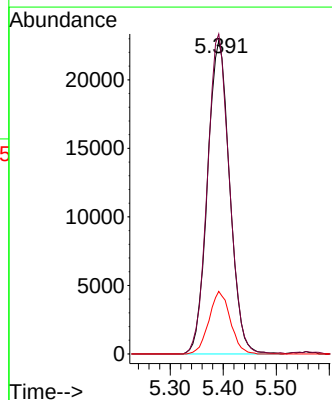
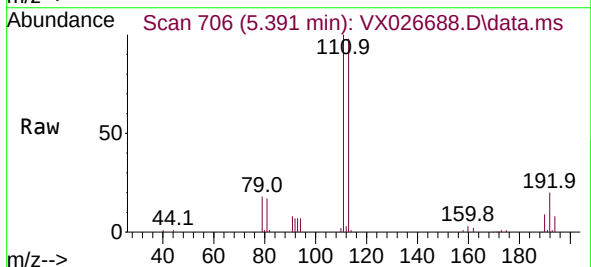
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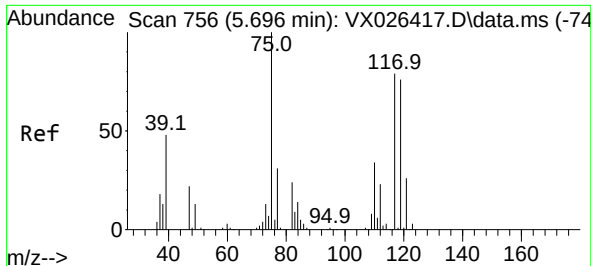
Tgt Ion:114 Resp: 211620
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.576 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion:113 Resp: 66383
Ion Ratio Lower Upper
113 100
111 101.2 81.2 121.8
192 19.2 15.0 22.4

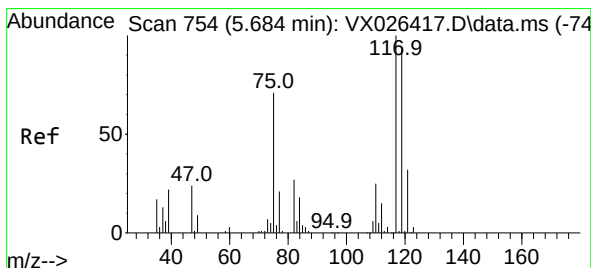
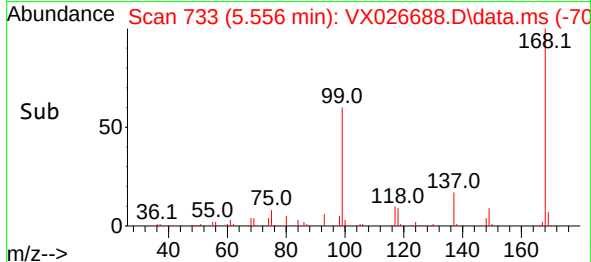
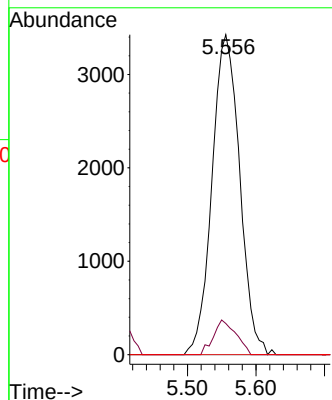
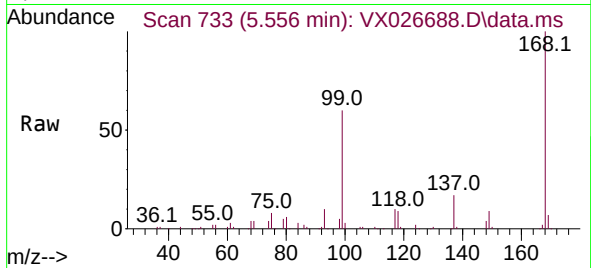




#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

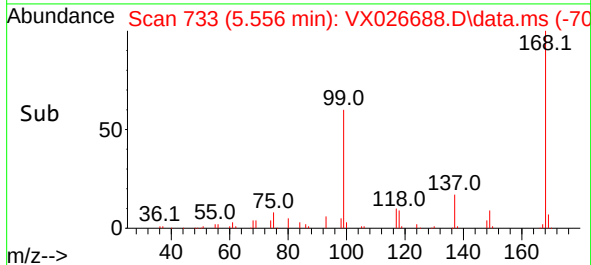
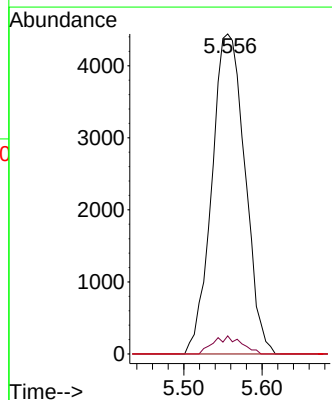
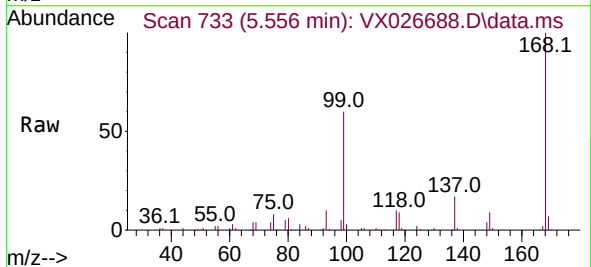
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

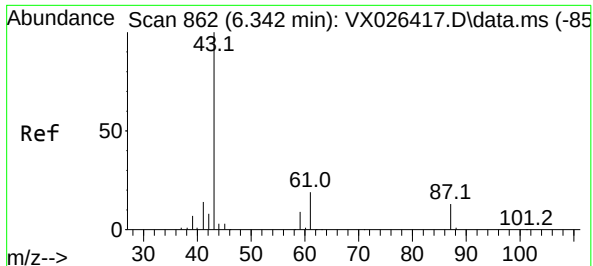
Tgt Ion: 75 Resp: 9602
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 117 Resp: 13027
Ion Ratio Lower Upper
117 100
119 5.7 74.7 112.1#
121 0.0 25.4 38.0#

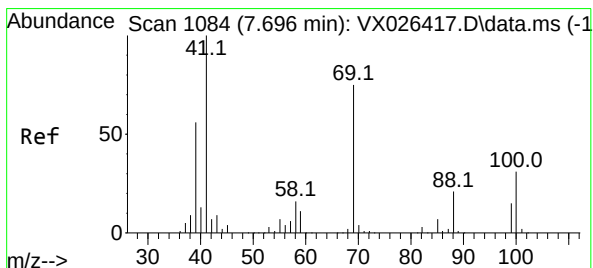
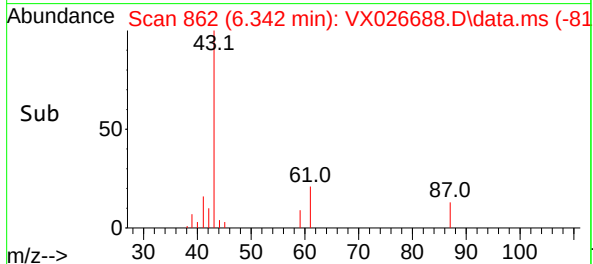
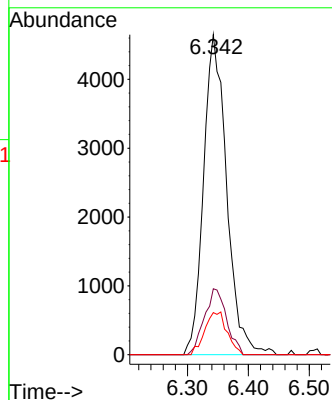
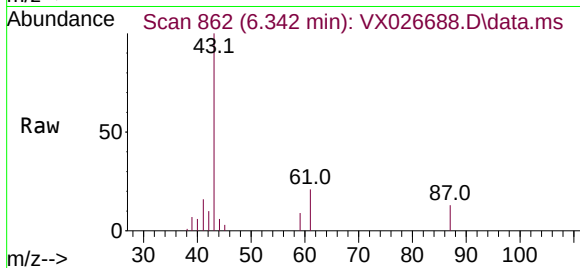




#43
Isopropyl Acetate
Concen: 3.485 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

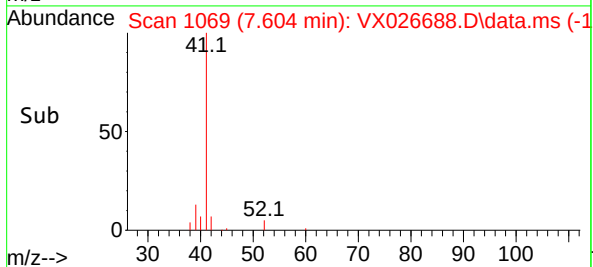
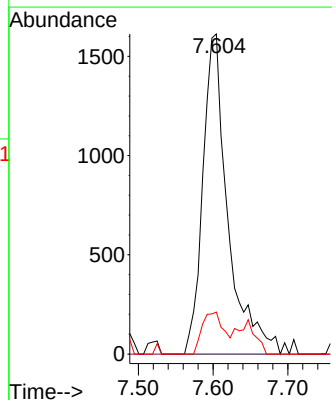
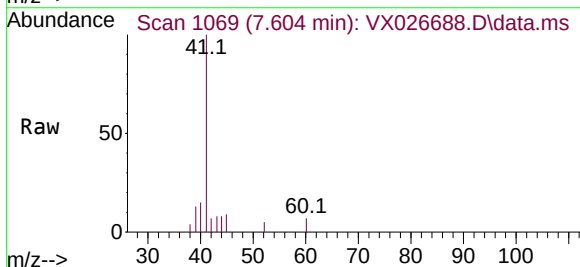
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

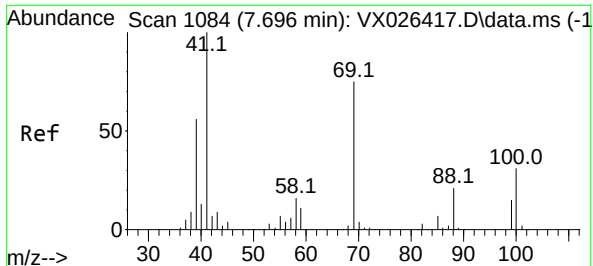
Tgt Ion: 43 Resp: 12285
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 12.8 10.2 15.2



#48
Methyl methacrylate
Concen: 2.154 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 41 Resp: 3763
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#





#49

1,4-Dioxane

Concen: 1.570 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX026688.D

Acq: 31 Jan 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#11

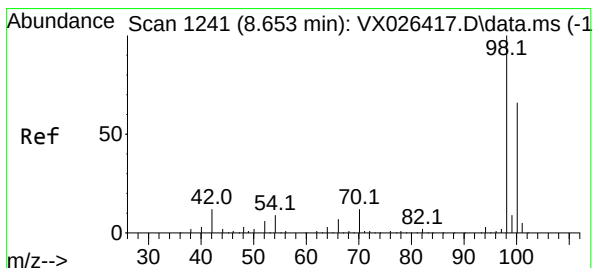
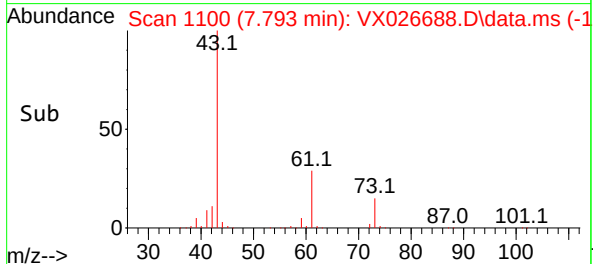
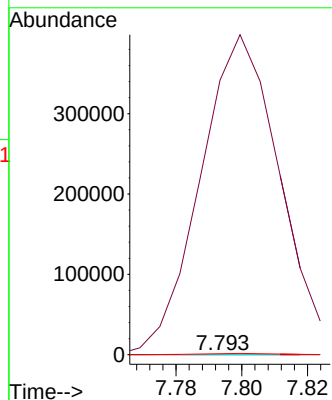
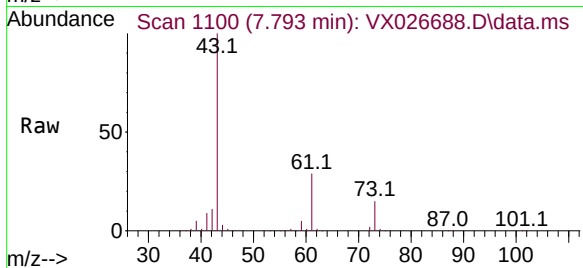
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 1500077.8 29.9 44.9#

58 5942.2 57.8 86.6#



#50

Toluene-d8

Concen: 51.117 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026688.D

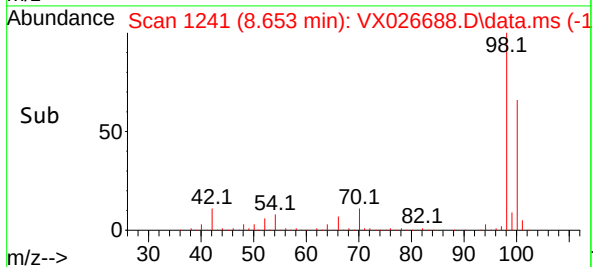
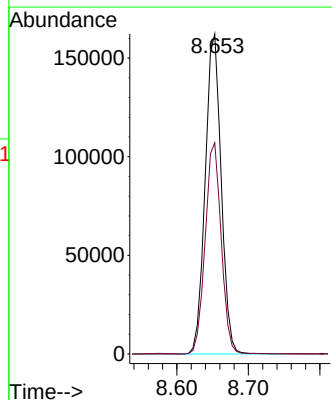
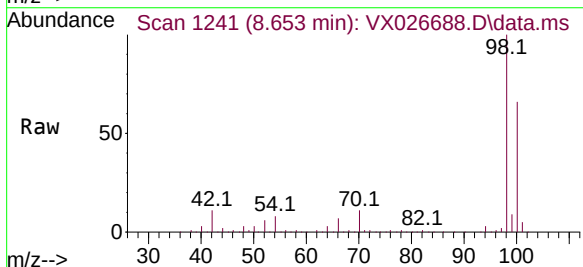
Acq: 31 Jan 2022 18:13

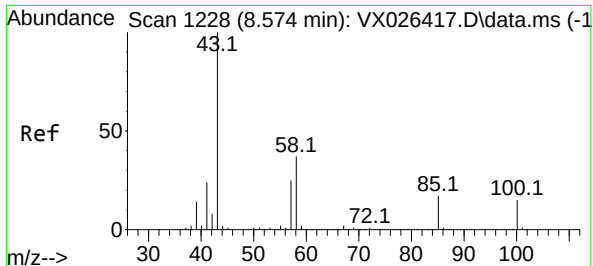
Tgt Ion: 98 Resp: 251730

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8

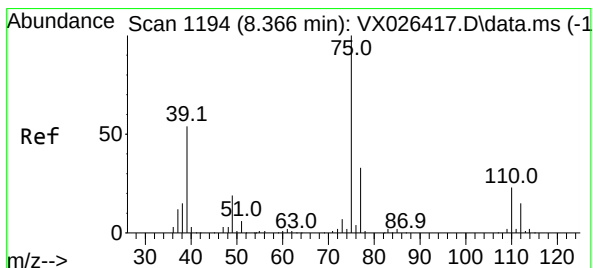
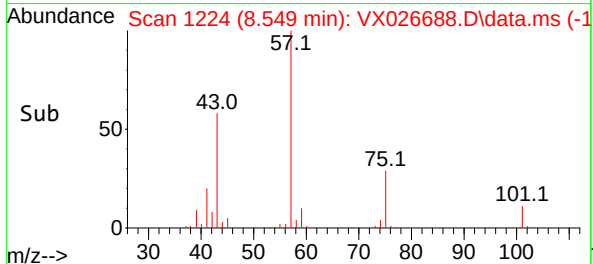
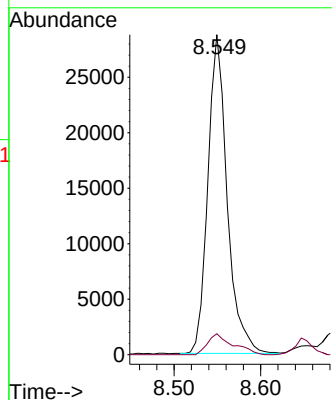
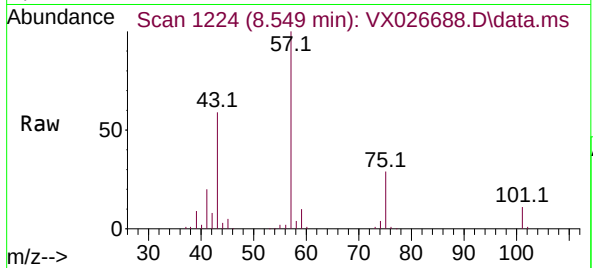




#51
4-Methyl-2-Pentanone
Concen: 21.275 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

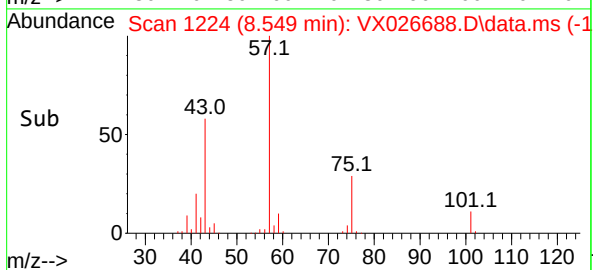
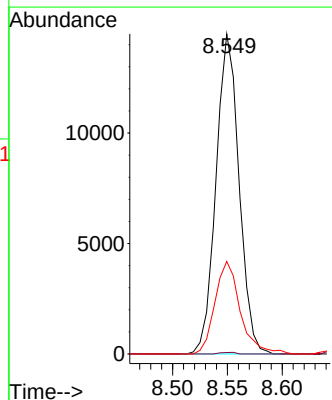
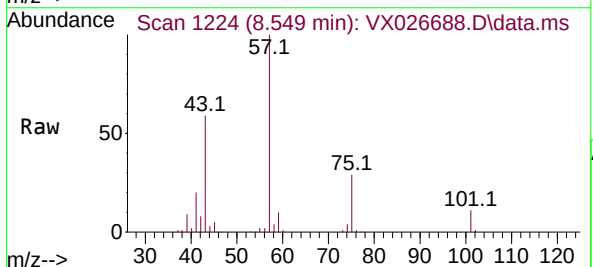
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

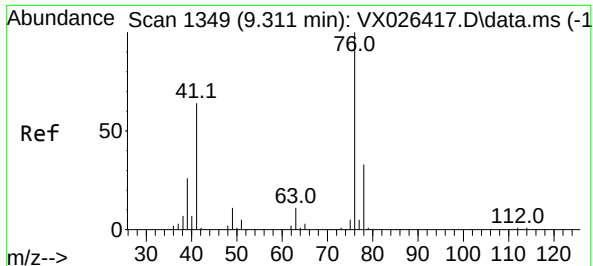
Tgt Ion: 43 Resp: 44485
Ion Ratio Lower Upper
43 100
58 8.5 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 9.293 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 75 Resp: 21161
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 28.9 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.811 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026688.D

Acq: 31 Jan 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

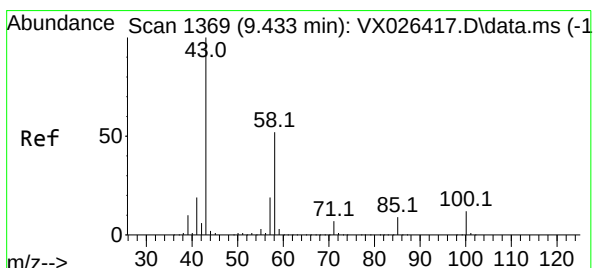
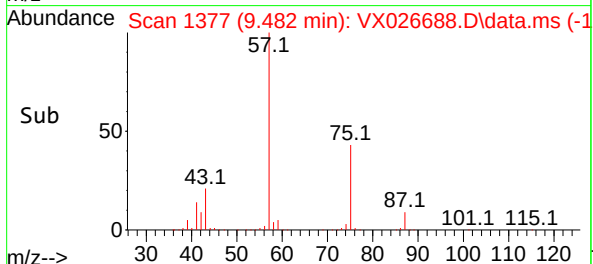
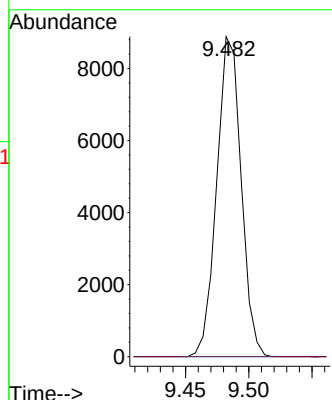
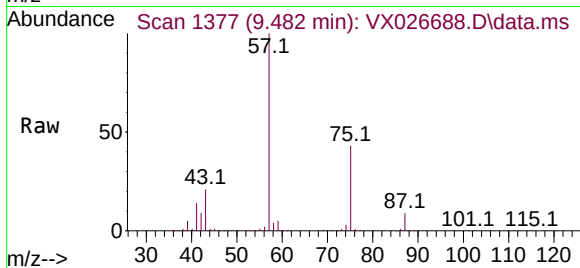
PB142369ZHE#11

Tgt Ion: 76 Resp: 11901

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 105.697 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026688.D

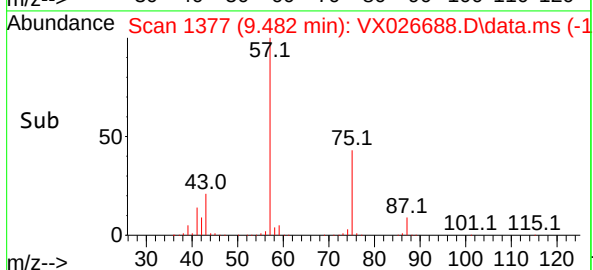
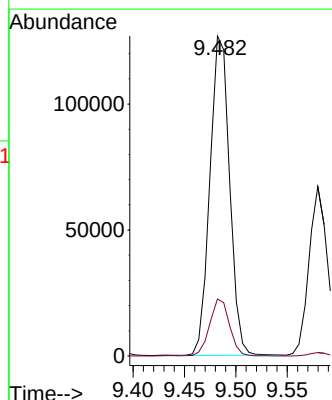
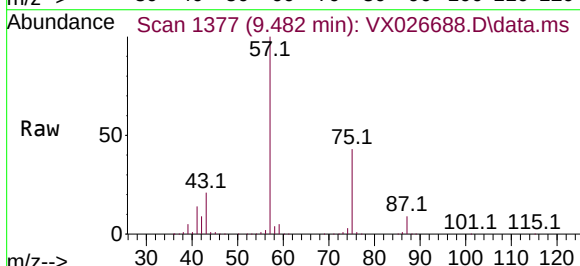
Acq: 31 Jan 2022 18:13

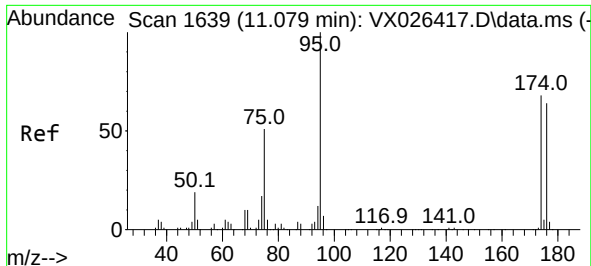
Tgt Ion: 43 Resp: 169149

Ion Ratio Lower Upper

43 100

58 17.9 26.4 79.2#

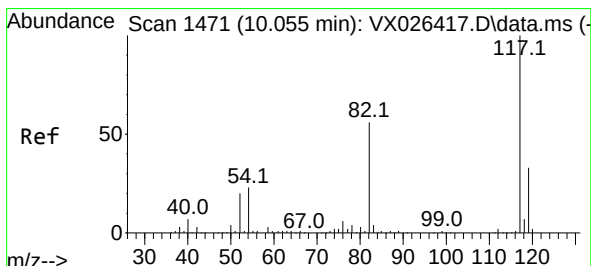
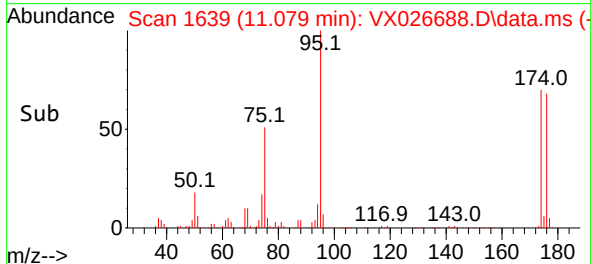
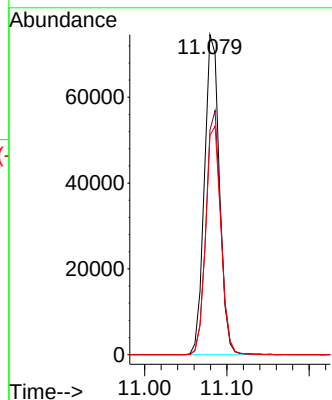
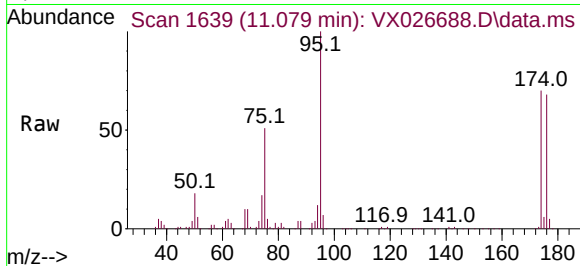




#62
4-Bromofluorobenzene
Concen: 54.118 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

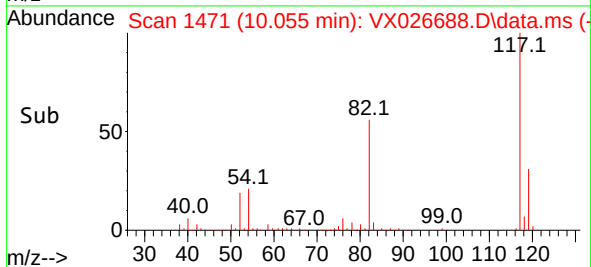
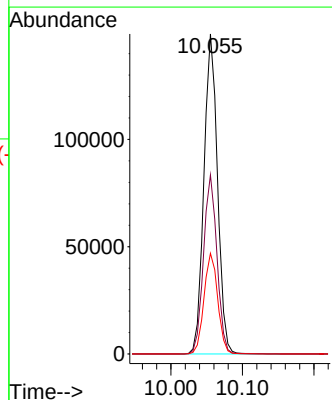
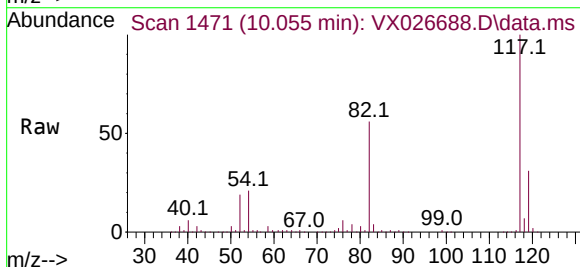
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

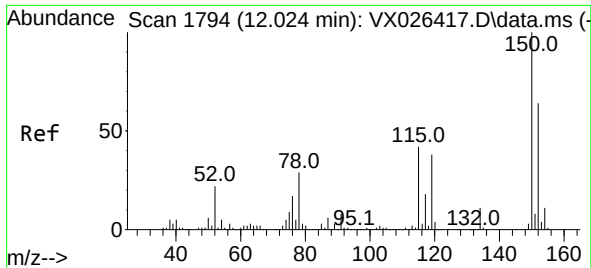
Tgt Ion: 95 Resp: 94674
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 72.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 117 Resp: 196813
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.4 26.2 39.2

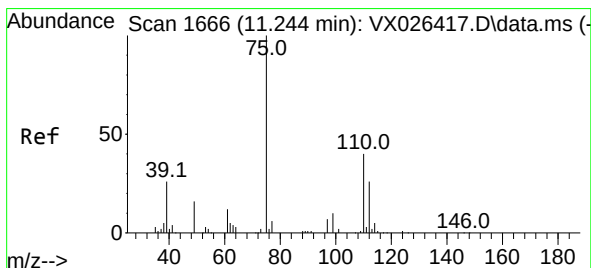
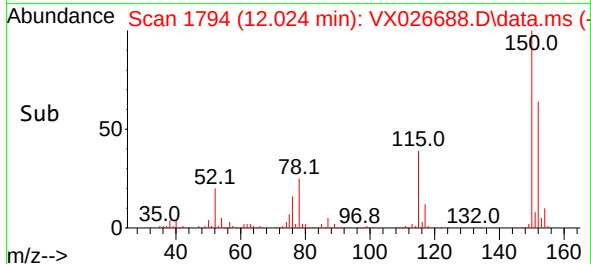
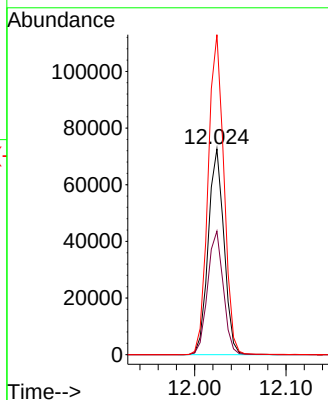
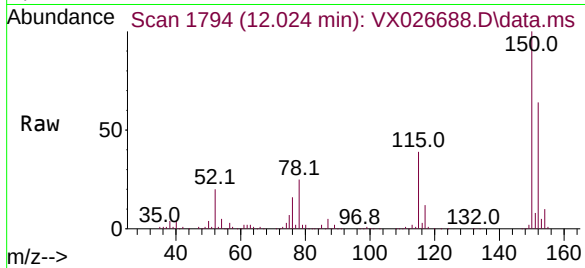




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026688.D
 Acq: 31 Jan 2022 18:13

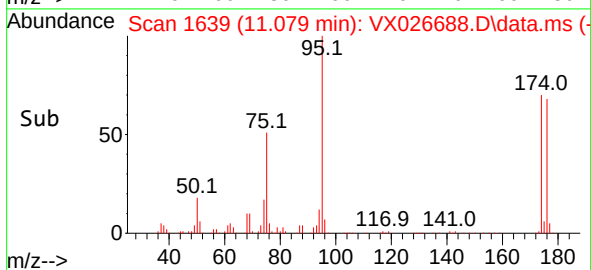
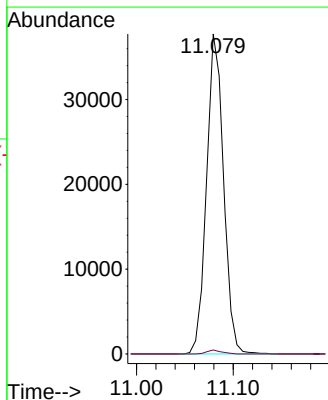
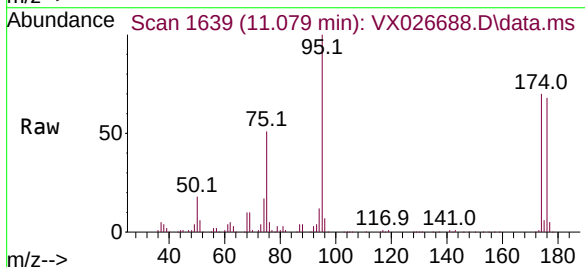
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#11

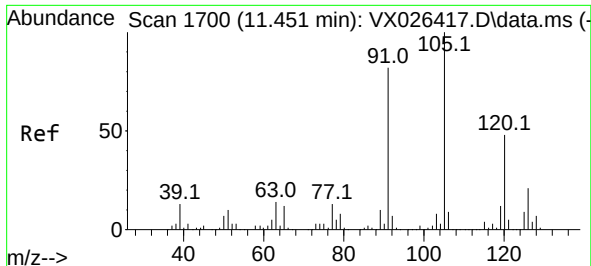
Tgt Ion:152 Resp: 86576
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.2 132.6
 150 156.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.231 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026688.D
 Acq: 31 Jan 2022 18:13

Tgt Ion: 75 Resp: 46190
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#

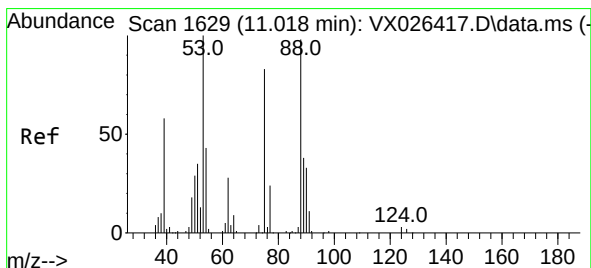
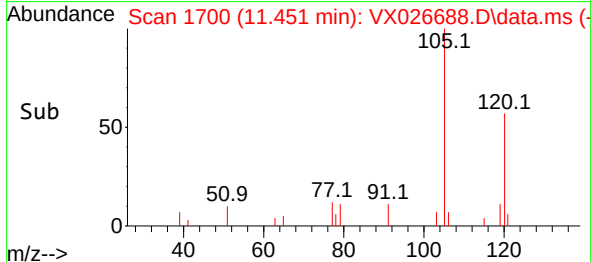
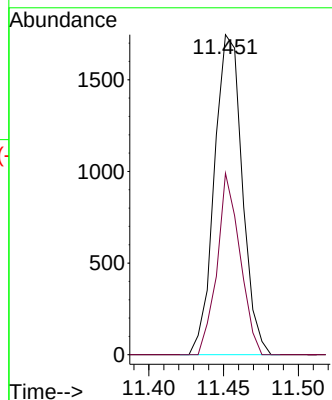
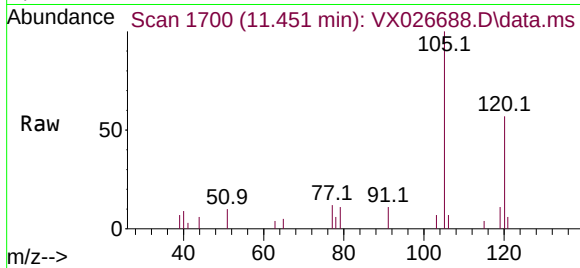




#80
1,3,5-Trimethylbenzene
Concen: 0.388 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#11

Tgt Ion:105 Resp: 2268
Ion Ratio Lower Upper
105 100
120 46.3 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 73.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026688.D
Acq: 31 Jan 2022 18:13

Tgt Ion: 75 Resp: 46190
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

