

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027034.D
 Acq On : 15 Feb 2022 16:53
 Operator : JC/MD
 Sample : VX0216MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216MBL01

Quant Time: Feb 16 04:06:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

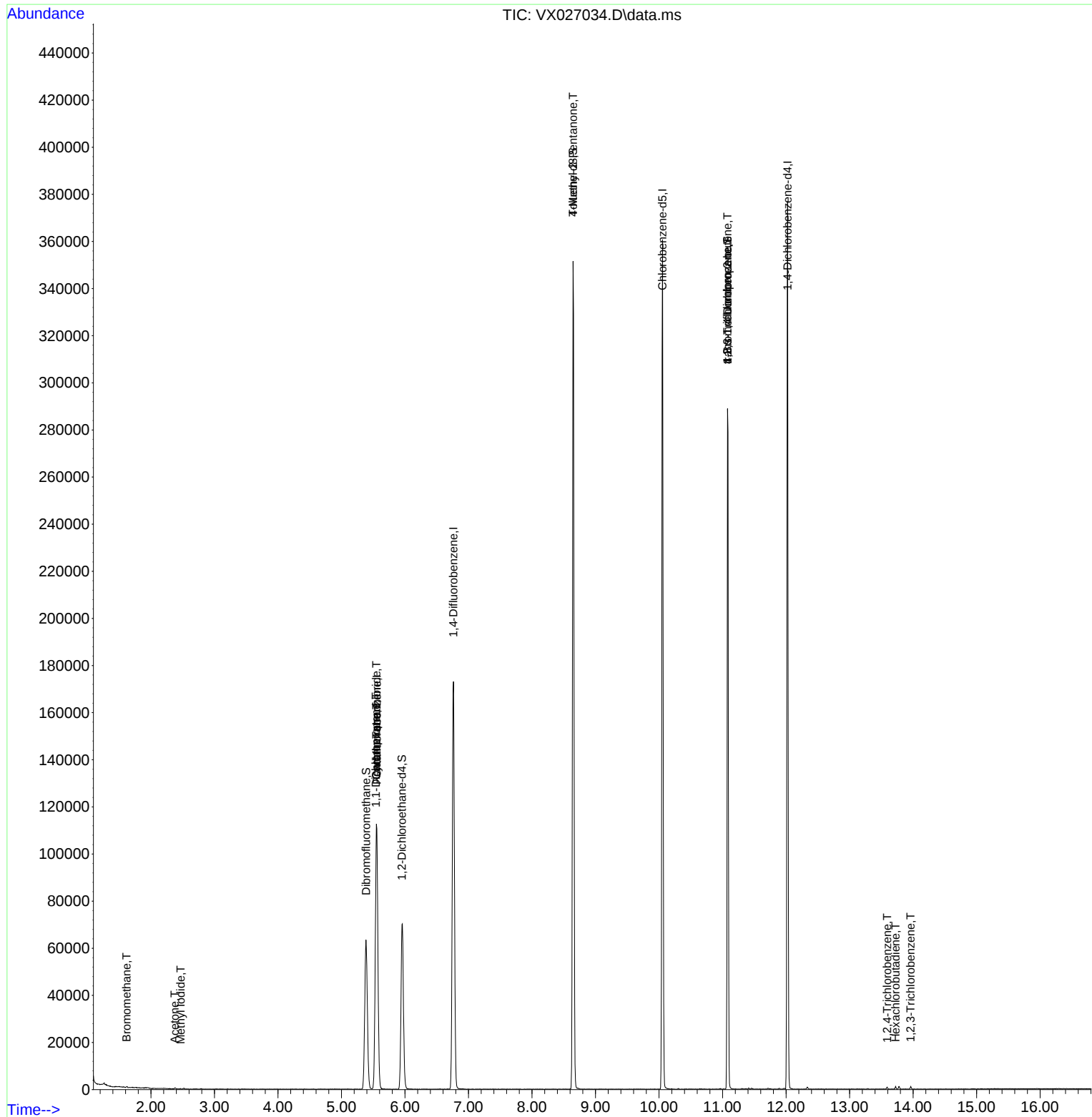
Internal Standards						
1) Pentafluorobenzene	5.556	168	108430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68210	52.405	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.820%			
35) Dibromofluoromethane	5.385	113	55772	51.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.647	98	208150	52.604	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.200%			
62) 4-Bromofluorobenzene	11.079	95	79665	57.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.380%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	215	0.441	ug/l	97
10) Methyl Iodide	2.465	142	162	2.355	ug/l #	37
16) Acetone	2.374	43	473	0.827	ug/l #	84
31) Cyclohexane	5.550	56	2086	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8149	4.792	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11214	6.288	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	857	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39581	23.708	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	39581	72.491	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	361	0.227	ug/l	96
94) Hexachlorobutadiene	13.725	225	247	0.366	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	403	0.250	ug/l	89

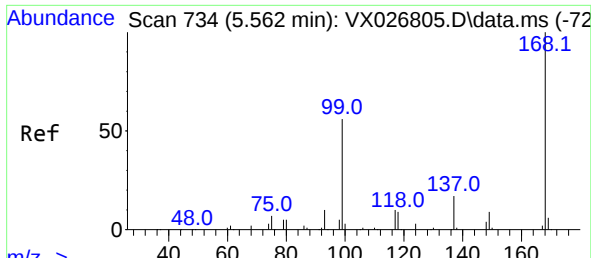
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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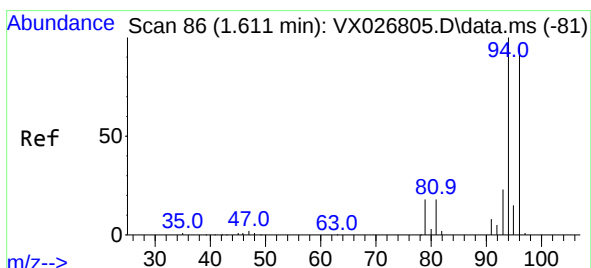
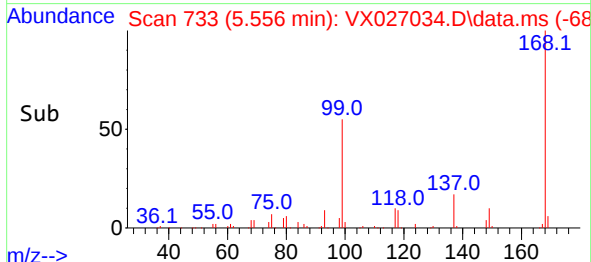
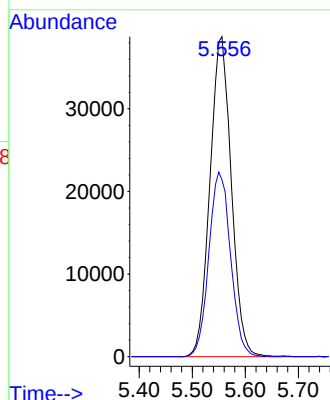
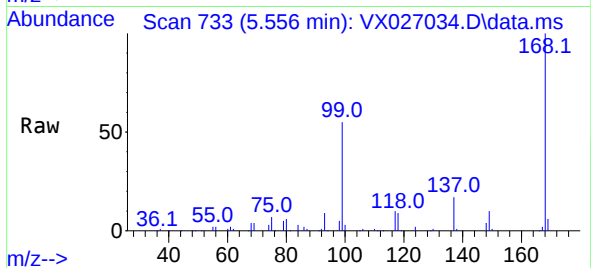




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

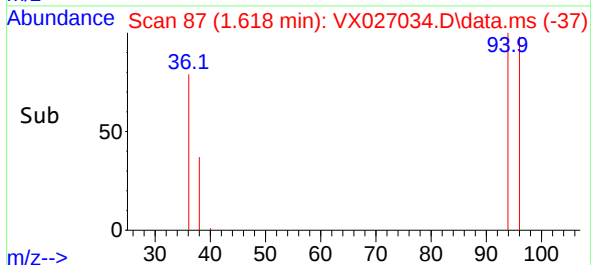
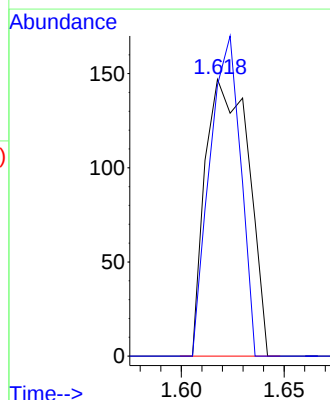
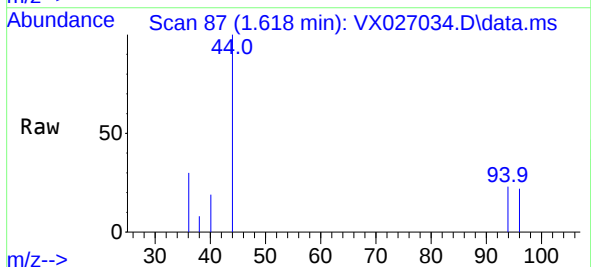
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

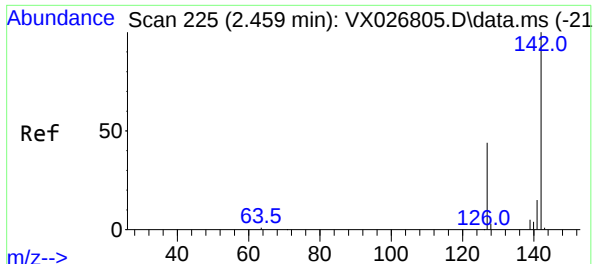
Tgt Ion:168 Resp: 108430
Ion Ratio Lower Upper
168 100
99 55.2 50.3 75.5



#5
Bromomethane
Concen: 0.441 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 98.0 75.9 113.9

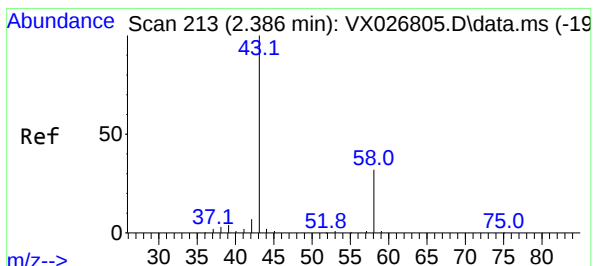
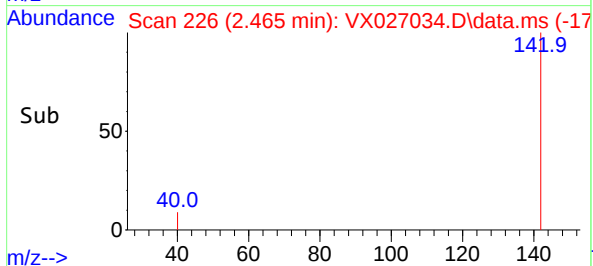
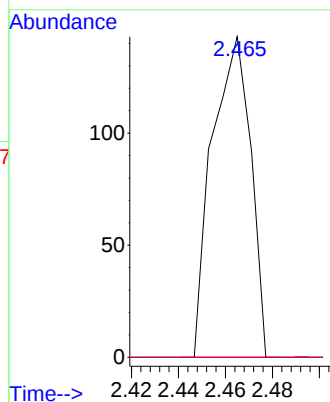
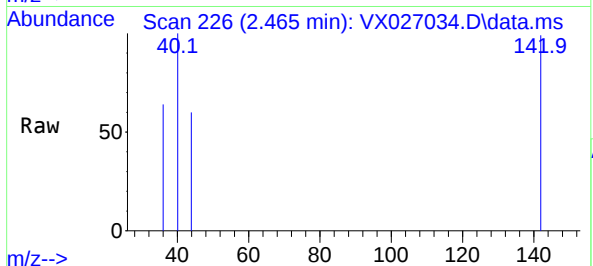




#10
Methyl Iodide
Concen: 2.355 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

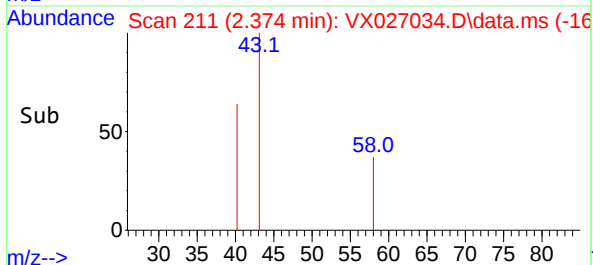
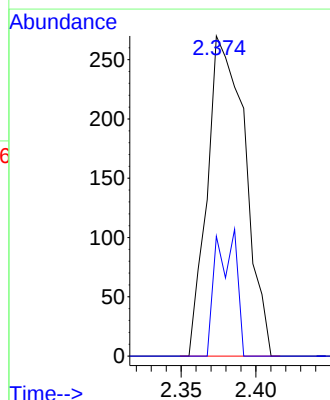
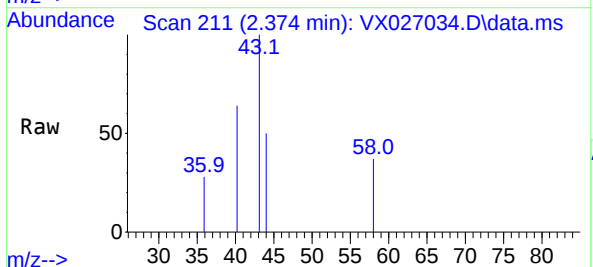
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

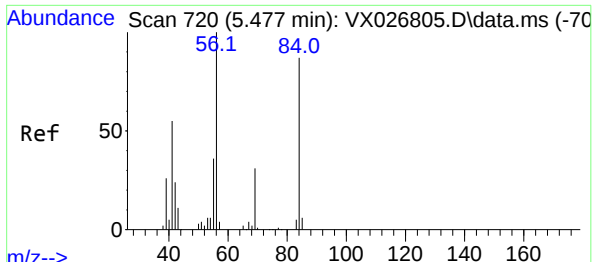
Tgt Ion:142 Resp: 162
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.827 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

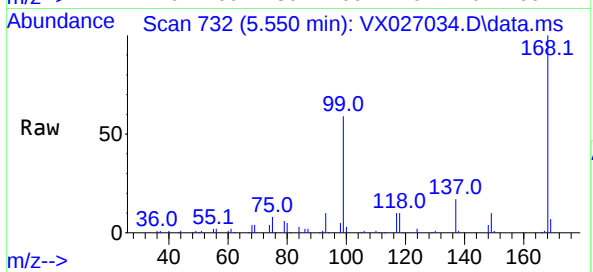
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 37.4 23.0 34.6#



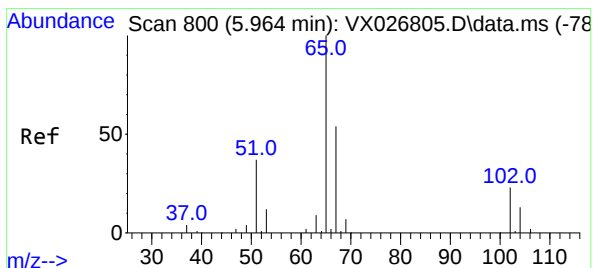
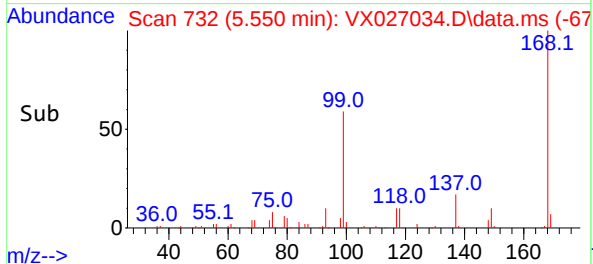
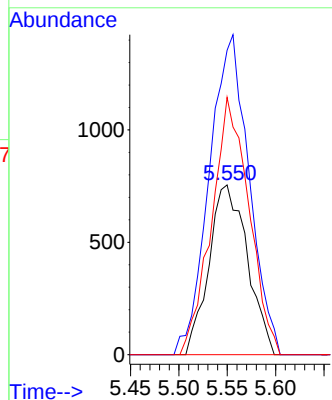


#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

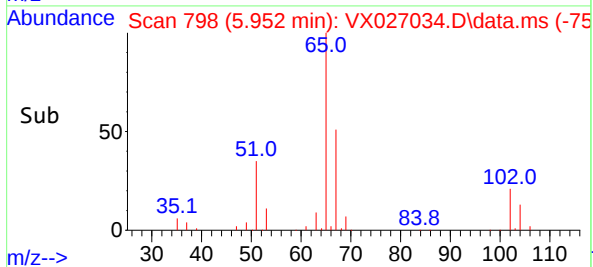
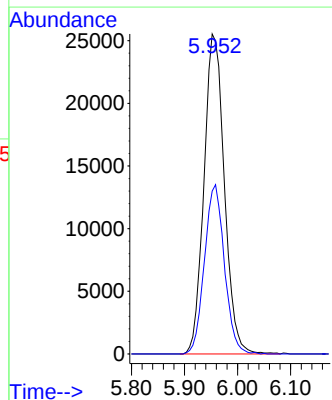
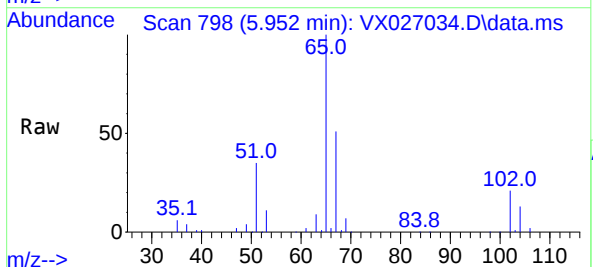


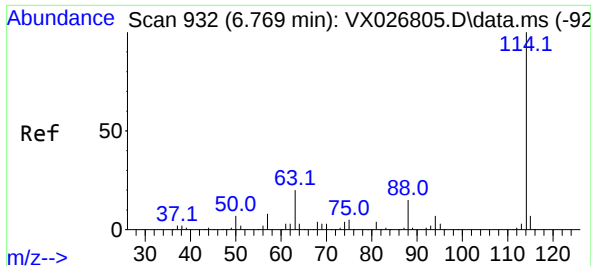
Tgt Ion: 56 Resp: 2086
Ion Ratio Lower Upper
56 100
69 179.3 25.8 38.6#
84 151.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.405 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.012 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion: 65 Resp: 68210
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

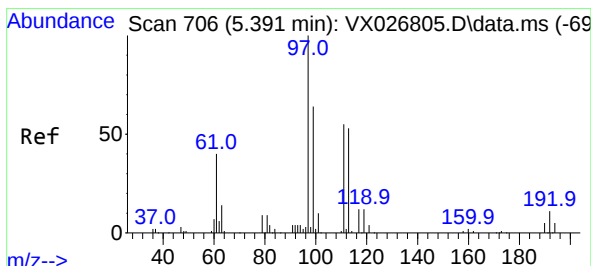
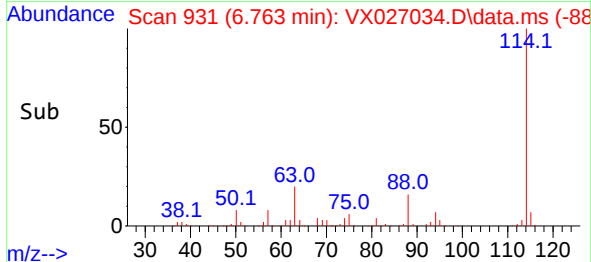
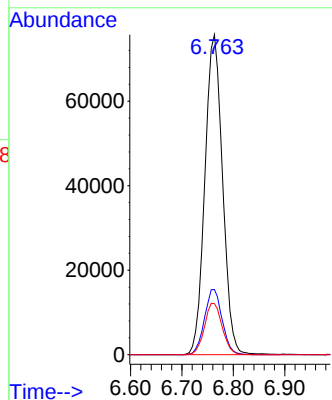
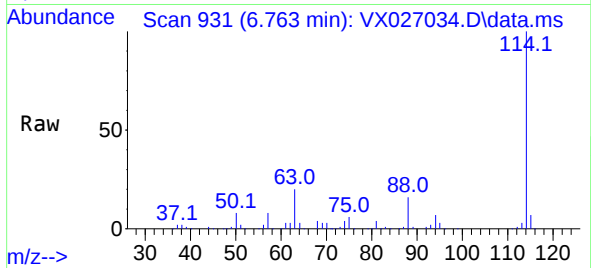




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

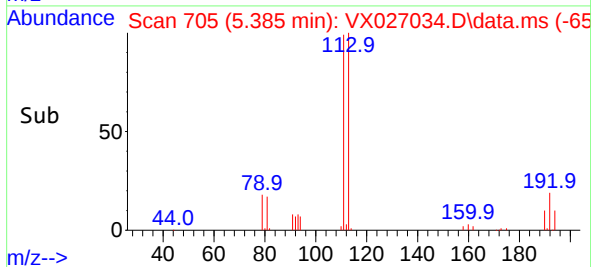
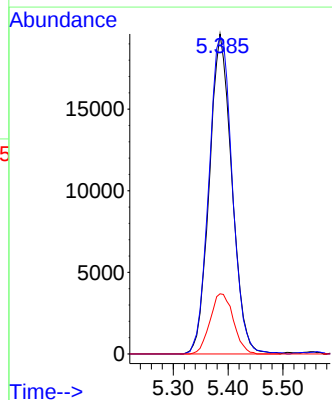
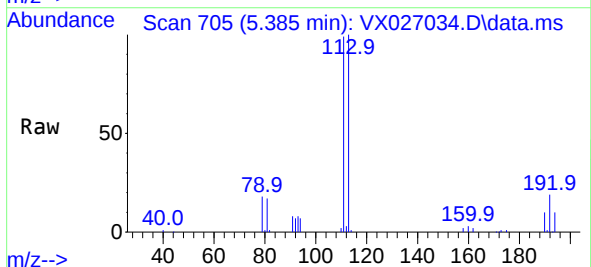
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

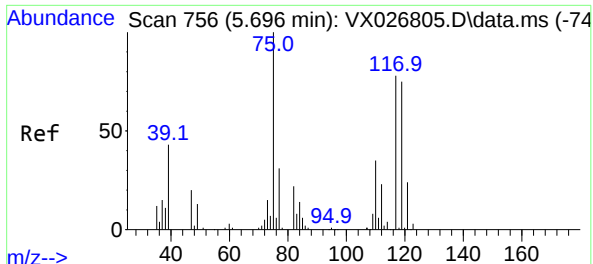
Tgt Ion:114 Resp: 180935
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.738 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion:113 Resp: 55772
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 19.5 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.792 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX027034.D

Acq: 15 Feb 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0216MBL01

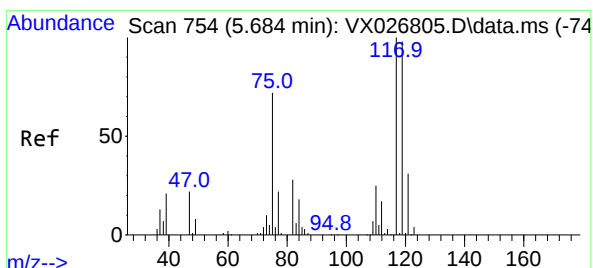
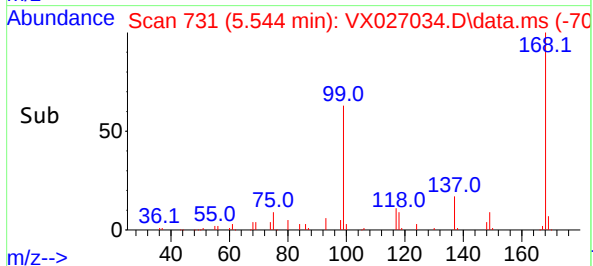
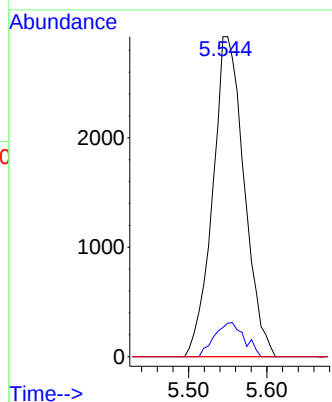
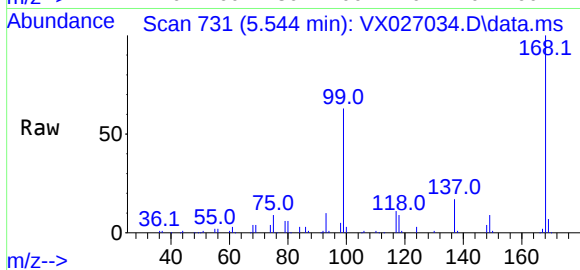
Tgt Ion: 75 Resp: 8149

Ion Ratio Lower Upper

75 100

110 10.1 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.288 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX027034.D

Acq: 15 Feb 2022 16:53

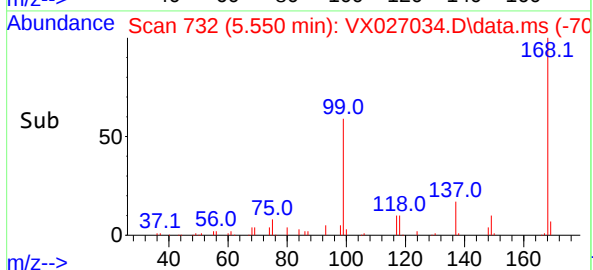
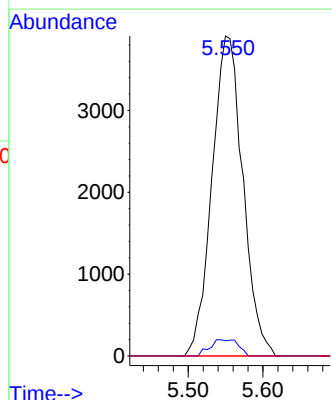
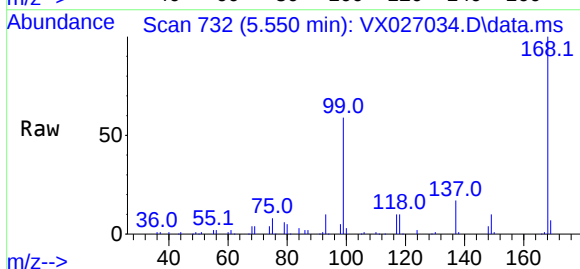
Tgt Ion: 117 Resp: 11214

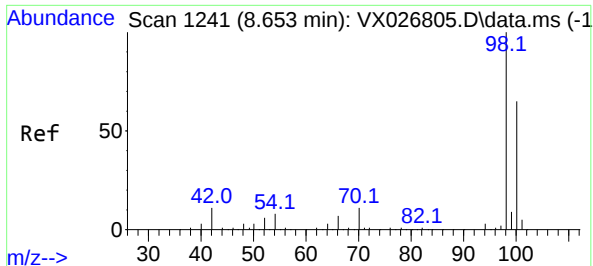
Ion Ratio Lower Upper

117 100

119 4.8 74.7 112.1#

121 0.0 25.4 38.0#

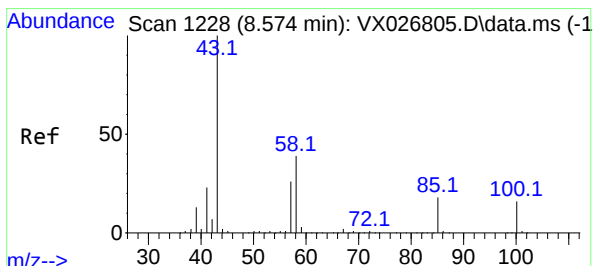
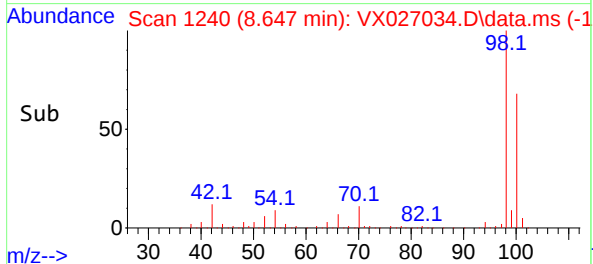
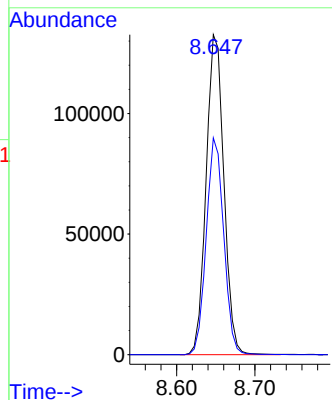
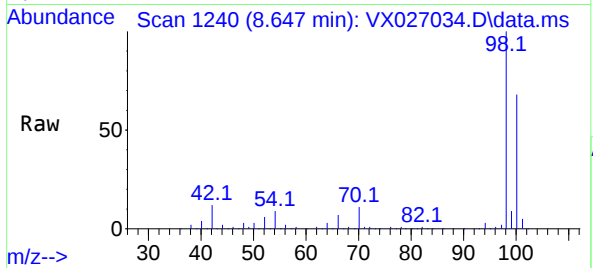




#50
Toluene-d8
Concen: 52.604 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

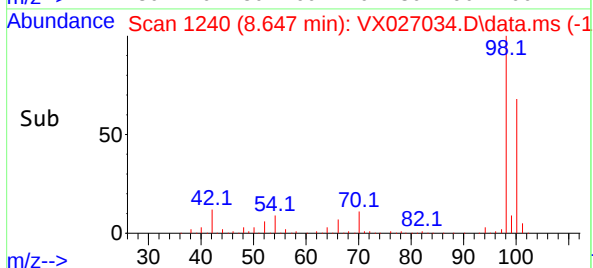
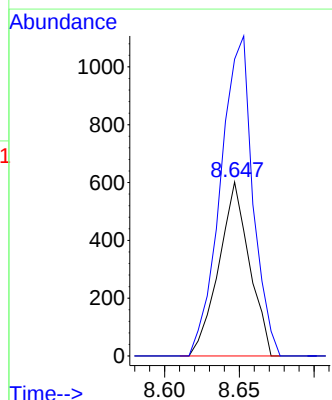
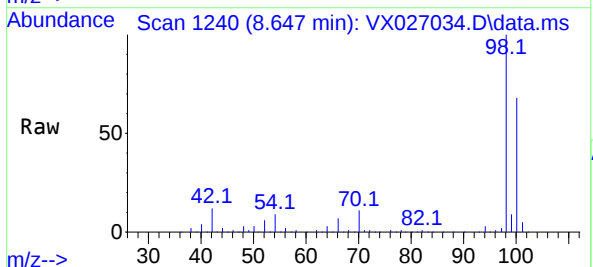
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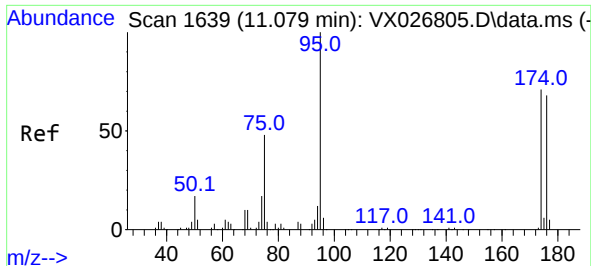
Tgt Ion: 98 Resp: 208150
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 194.3 30.5 45.7#

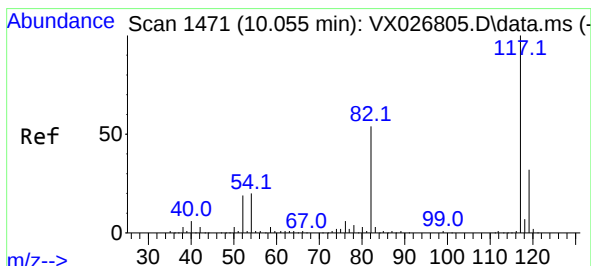
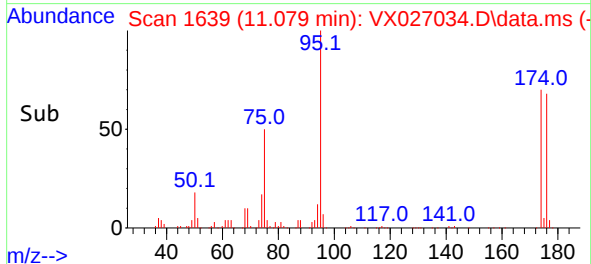
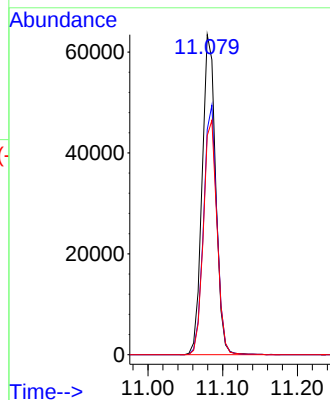
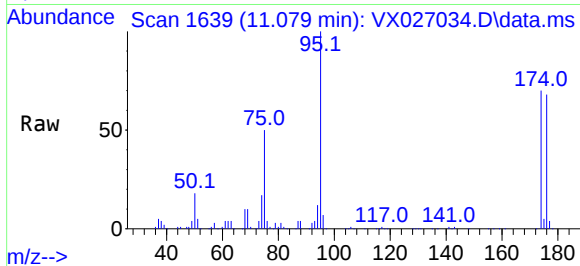




#62
4-Bromofluorobenzene
Concen: 57.185 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

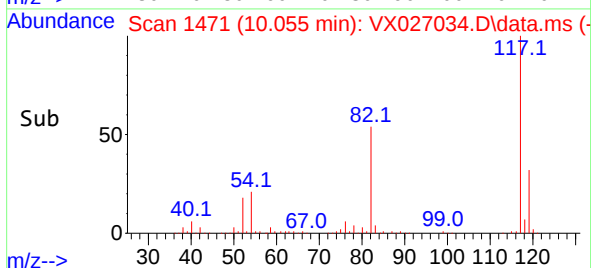
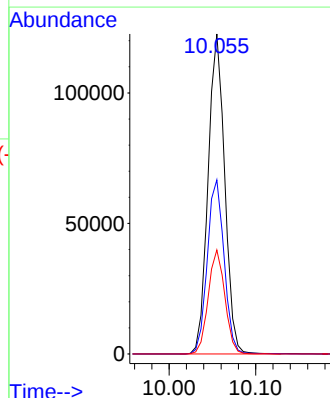
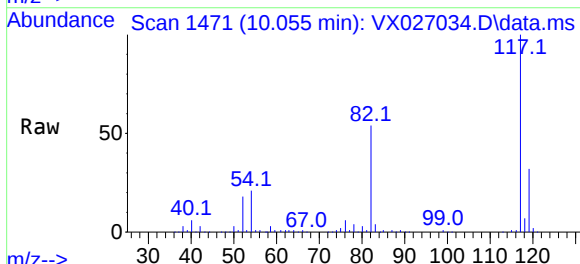
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

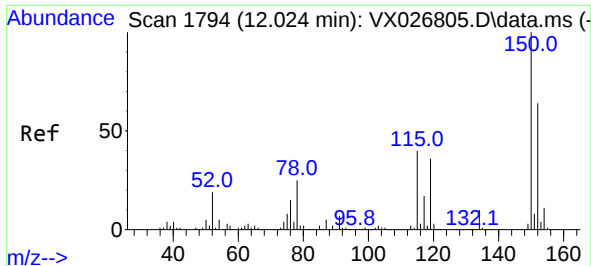
Tgt Ion: 95 Resp: 79665
Ion Ratio Lower Upper
95 100
174 76.7 0.0 148.6
176 73.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion: 117 Resp: 163589
Ion Ratio Lower Upper
117 100
82 54.4 45.2 67.8
119 32.5 26.2 39.2

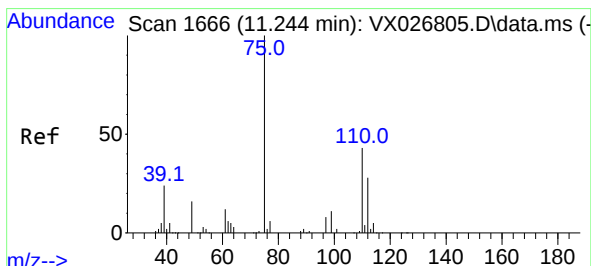
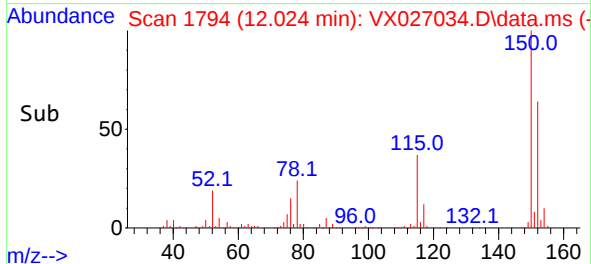
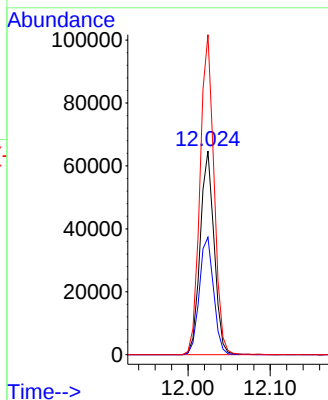
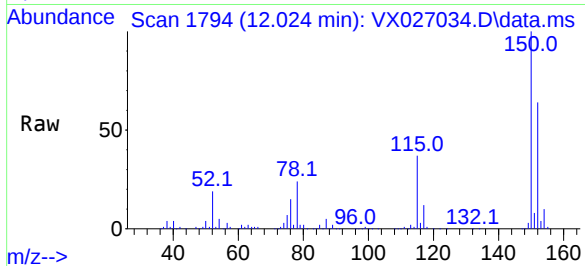




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

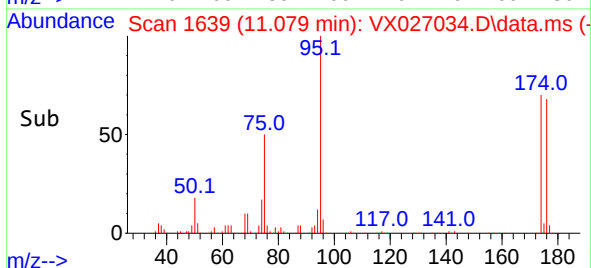
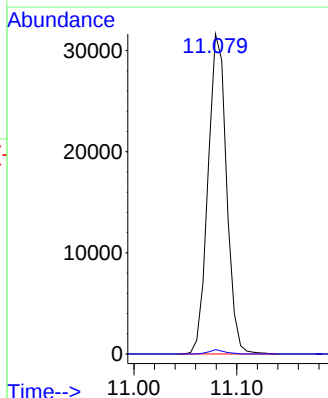
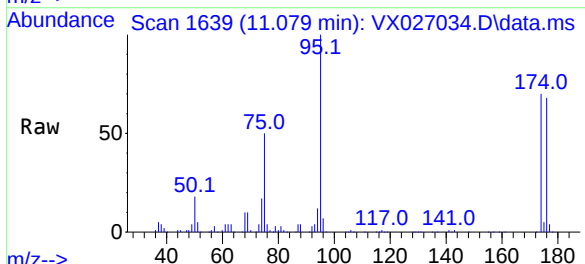
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

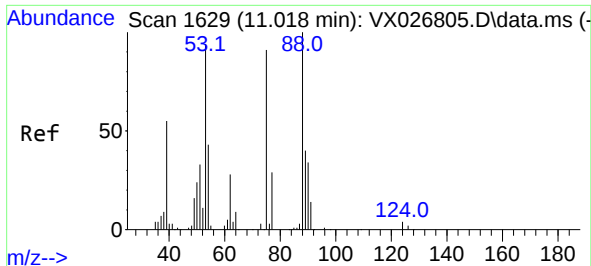
Tgt Ion:152 Resp: 76266
Ion Ratio Lower Upper
152 100
115 59.1 44.2 132.6
150 157.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion: 75 Resp: 39581
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

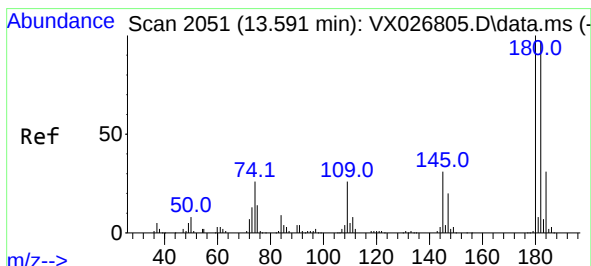
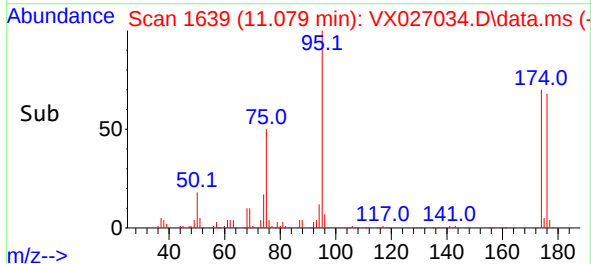
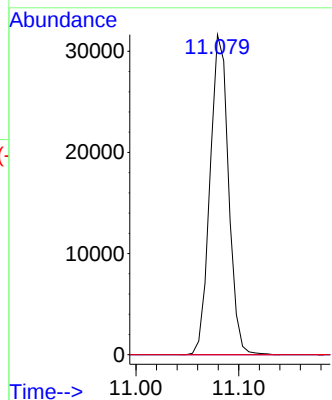
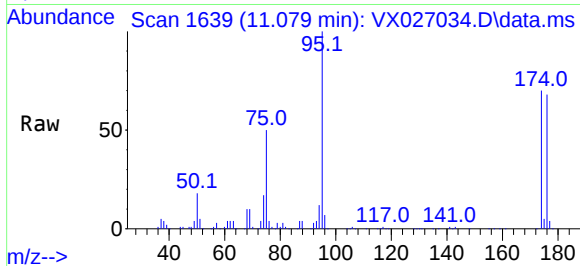




#81
trans-1,4-Dichloro-2-butene
Concen: 72.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

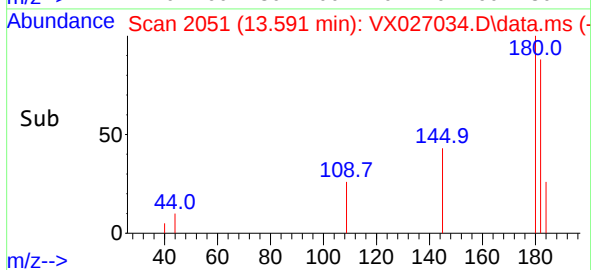
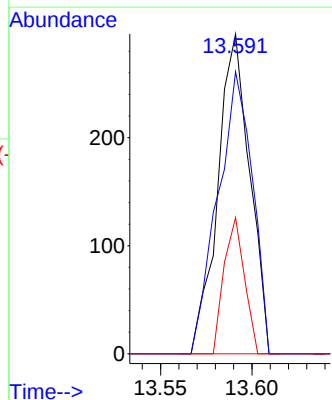
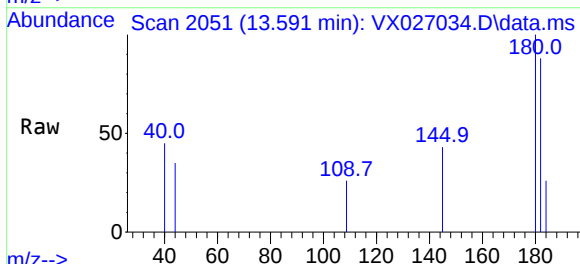
Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

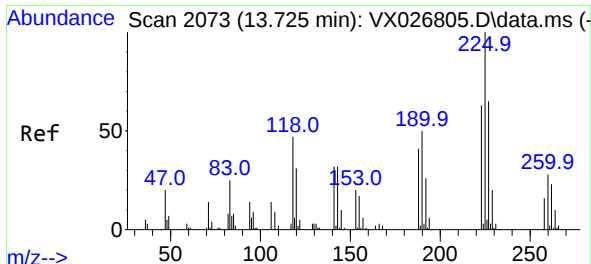
Tgt Ion: 75 Resp: 39581
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion:180 Resp: 361
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.0
145 27.1 16.3 48.8

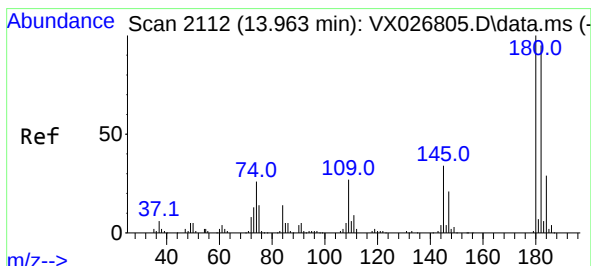
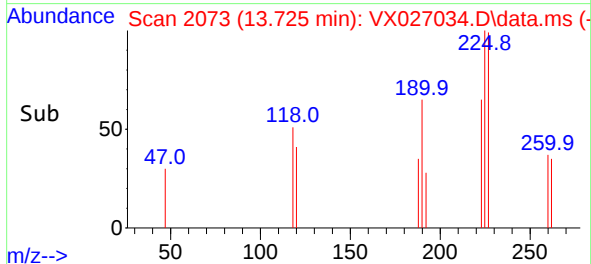
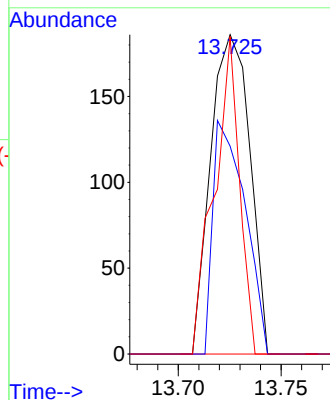
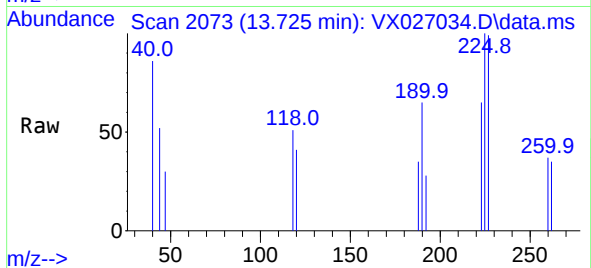




#94
Hexachlorobutadiene
Concen: 0.366 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0216MBL01

Tgt Ion:	225	Resp:	247
Ion	Ratio	Lower	Upper
225	100		
223	59.9	32.0	96.0
227	64.4	32.3	96.9



#96
1,2,3-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027034.D
Acq: 15 Feb 2022 16:53

Tgt Ion:	180	Resp:	403
Ion	Ratio	Lower	Upper
180	100		
182	109.2	47.2	141.6
145	35.2	17.5	52.5

