

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027156.D
 Acq On : 23 Feb 2022 19:20
 Operator : JC/MD
 Sample : N1647-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31415

Quant Time: Feb 24 03:33:38 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)

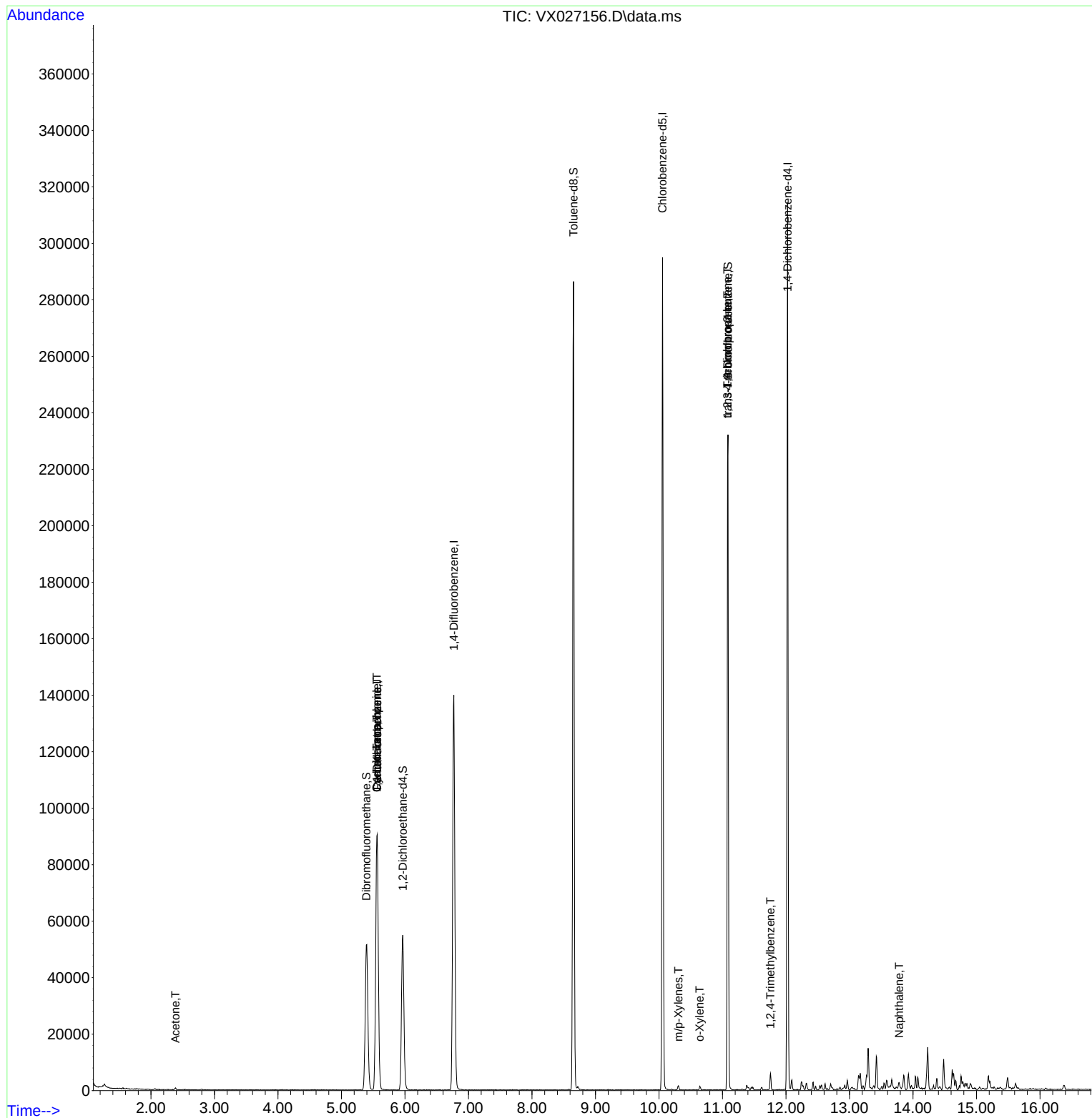
Internal Standards						
1) Pentafluorobenzene	5.562	168	90514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	147982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53072	48.821	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.391	113	46108	50.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	8.653	98	169828	49.447	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.086	95	64305	48.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	45	Below Cal		94
16) Acetone	2.386	43	627	1.314	ug/l #	60
31) Cyclohexane	5.556	56	1600	0.983	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6283	4.687	ug/l #	51
38) Carbon Tetrachloride	5.556	117	8960	6.408	ug/l #	16
68) m/p-Xylenes	10.305	106	446	0.241	ug/l	79
69) o-Xylene	10.640	106	389	0.209	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	31492	24.726	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	31492	70.084	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2836	0.749	ug/l	96
95) Naphthalene	13.780	128	1983	0.446	ug/l	98

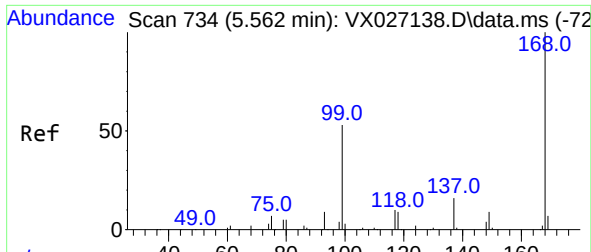
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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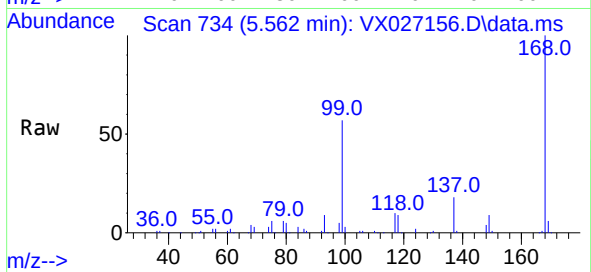
Quant Time: Feb 24 03:33:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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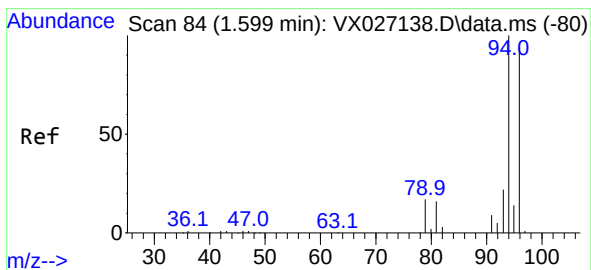
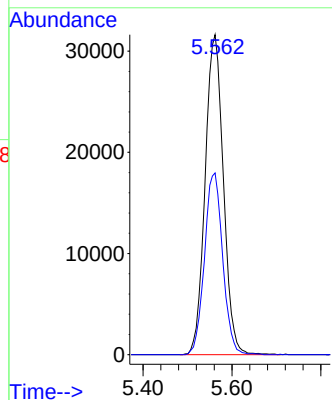


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Instrument :
MSVOA_X
ClientSampleId :
31415

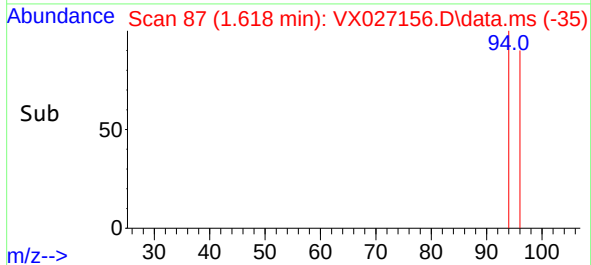
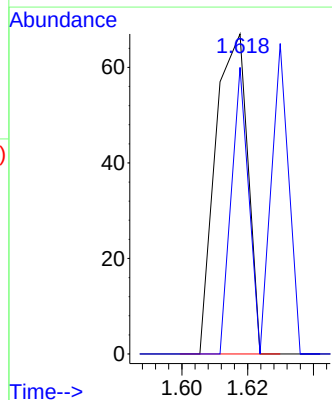
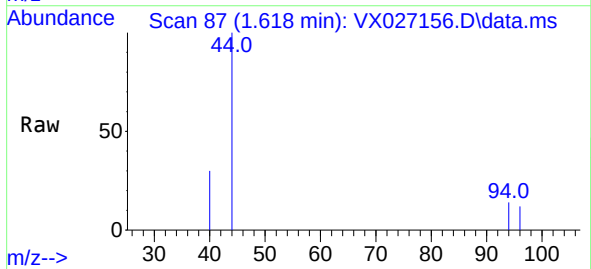


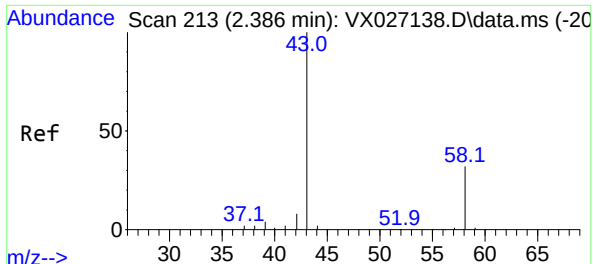
Tgt Ion:168 Resp: 90514
Ion Ratio Lower Upper
168 100
99 56.8 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 89.6 75.9 113.9

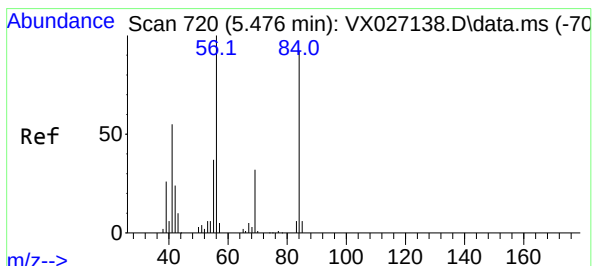
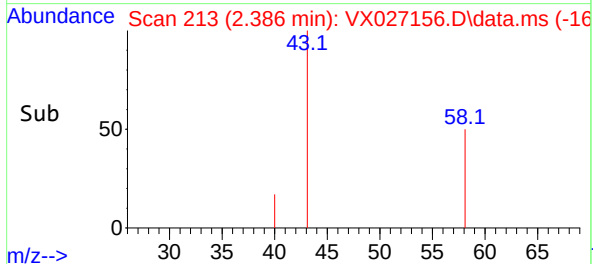
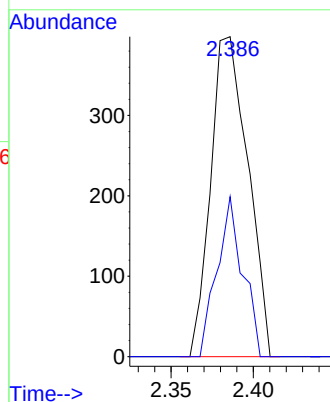
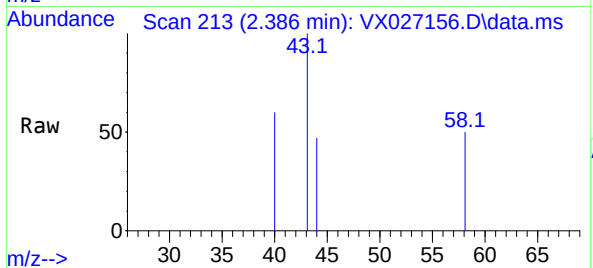




#16
Acetone
Concen: 1.314 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

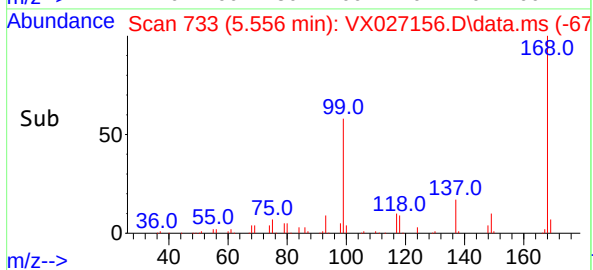
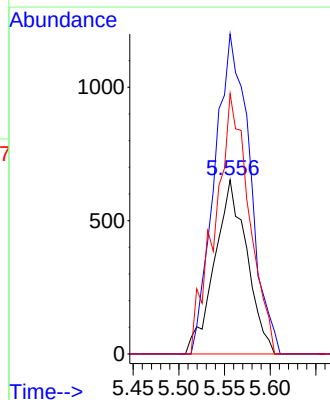
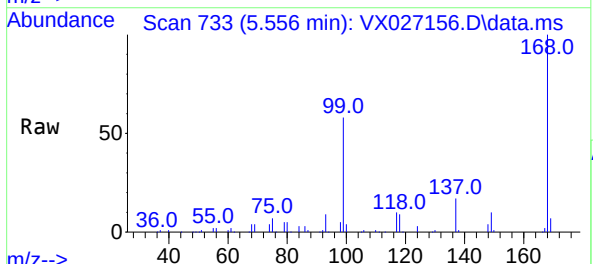
Instrument :
MSVOA_X
ClientSampleId :
31415

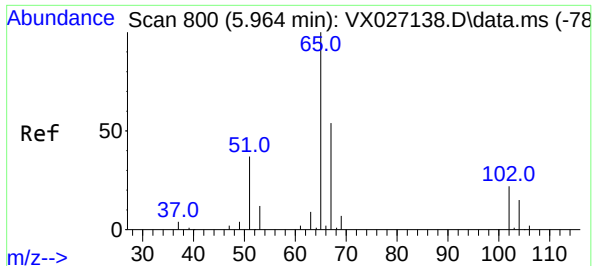
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 50.0 23.0 34.6#



#31
Cyclohexane
Concen: 0.983 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Tgt Ion: 56 Resp: 1600
Ion Ratio Lower Upper
56 100
69 183.8 25.8 38.6#
84 149.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.821 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027156.D

Acq: 23 Feb 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

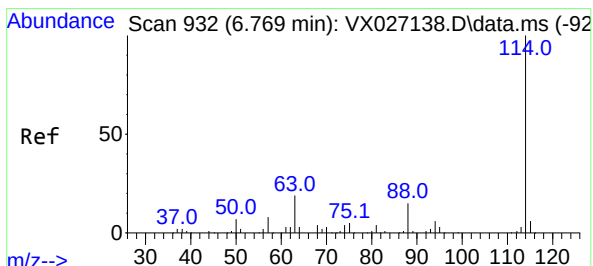
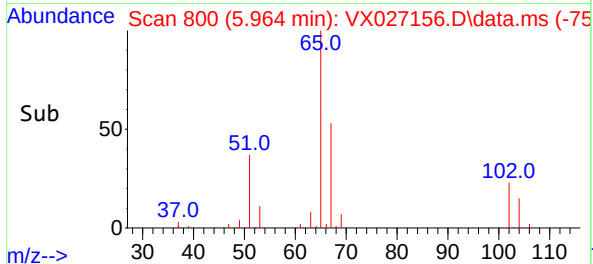
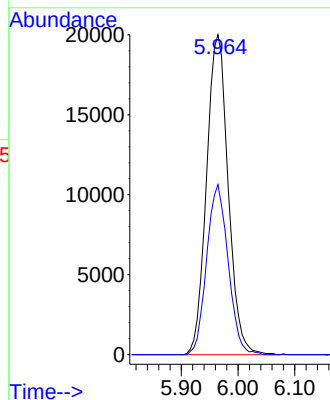
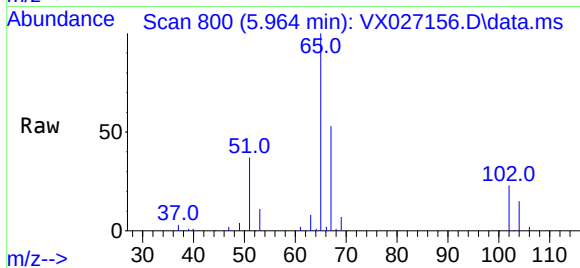
31415

Tgt Ion: 65 Resp: 53072

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027156.D

Acq: 23 Feb 2022 19:20

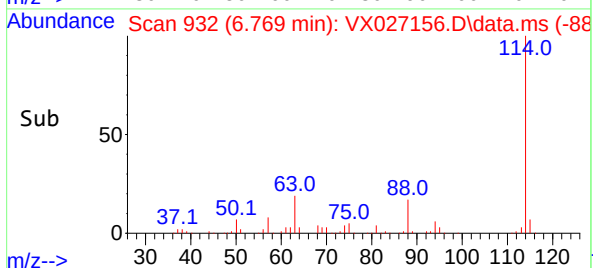
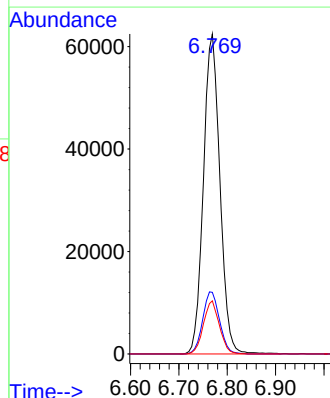
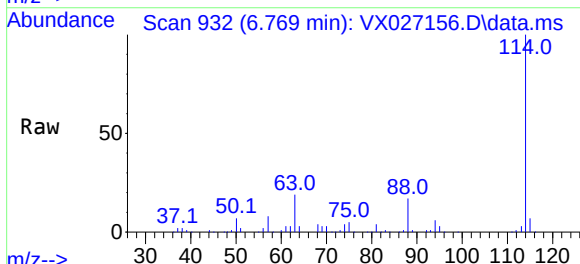
Tgt Ion: 114 Resp: 147982

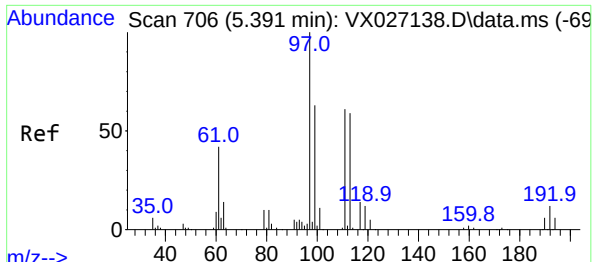
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.197 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027156.D

Acq: 23 Feb 2022 19:20

Instrument :

MSVOA_X

ClientSampleId :

31415

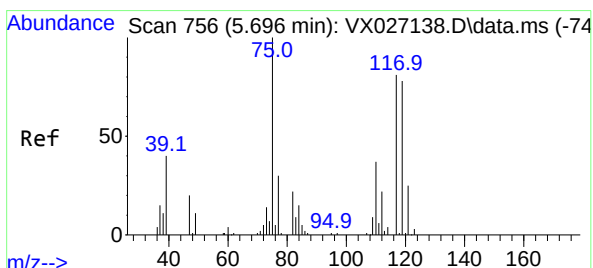
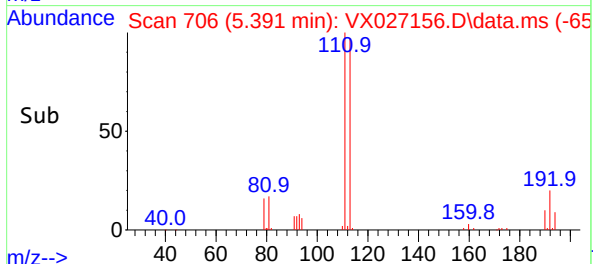
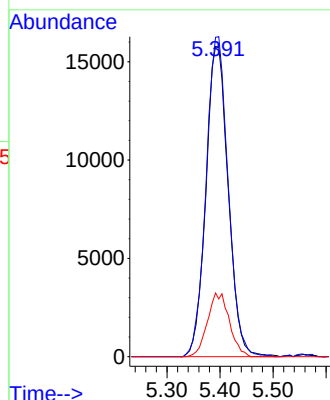
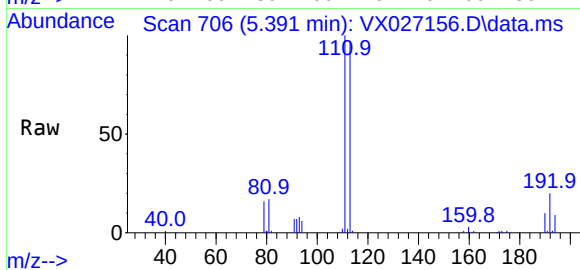
Tgt Ion:113 Resp: 46108

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

192 20.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.687 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027156.D

Acq: 23 Feb 2022 19:20

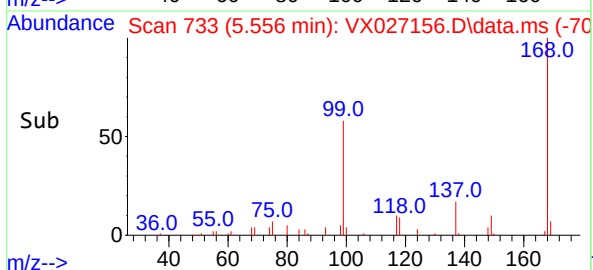
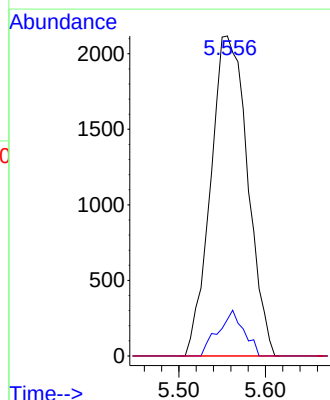
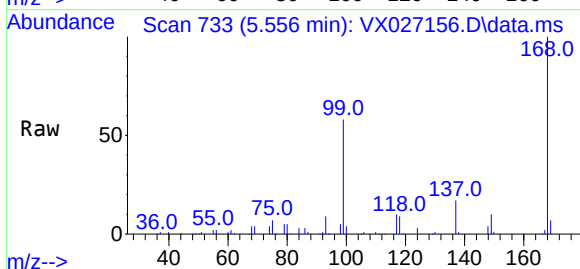
Tgt Ion: 75 Resp: 6283

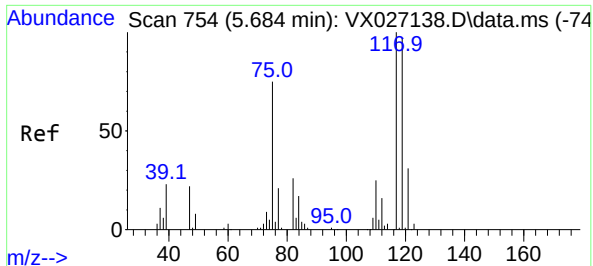
Ion Ratio Lower Upper

75 100

110 9.9 17.2 51.6#

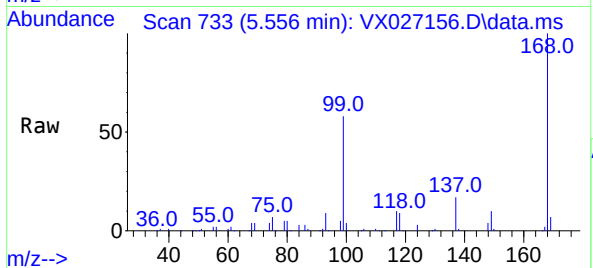
77 0.0 24.6 36.8#



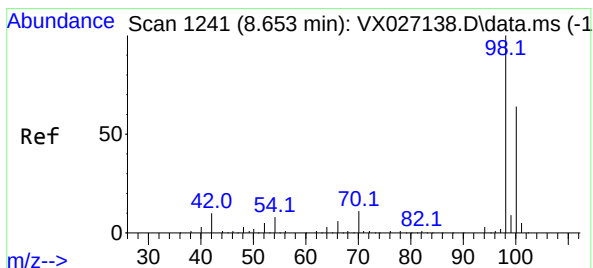
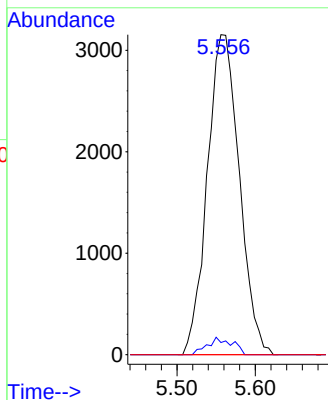
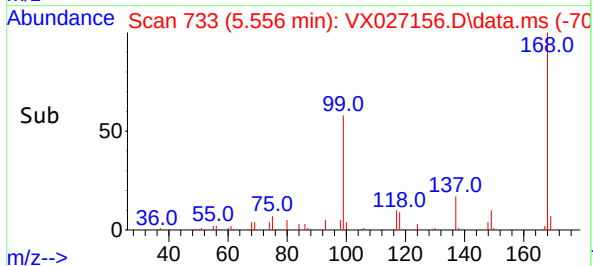


#38
Carbon Tetrachloride
Concen: 6.408 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.128 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Instrument :
MSVOA_X
ClientSampleId :
31415

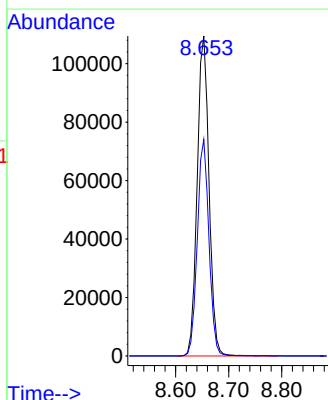
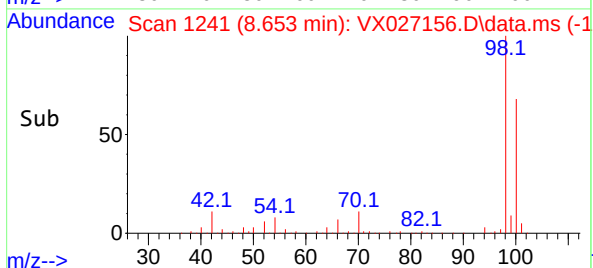
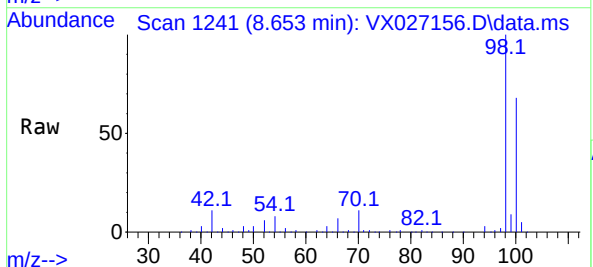


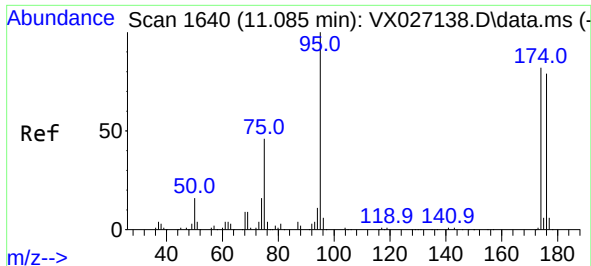
Tgt Ion:117 Resp: 8960
Ion Ratio Lower Upper
117 100
119 3.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Tgt Ion: 98 Resp: 169828
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

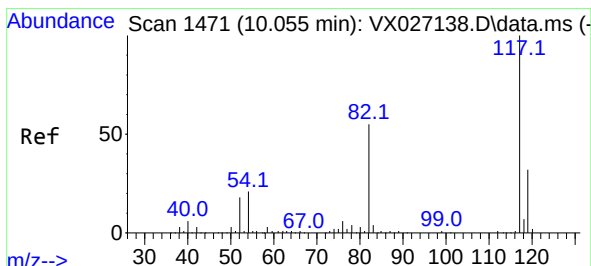
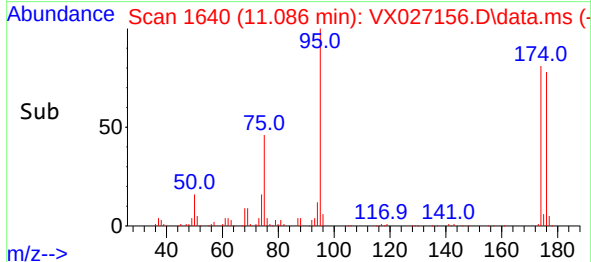
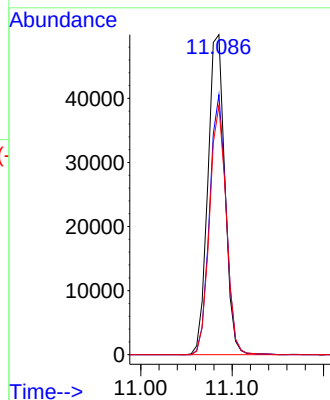
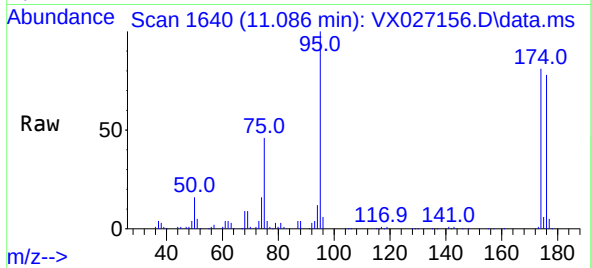




#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

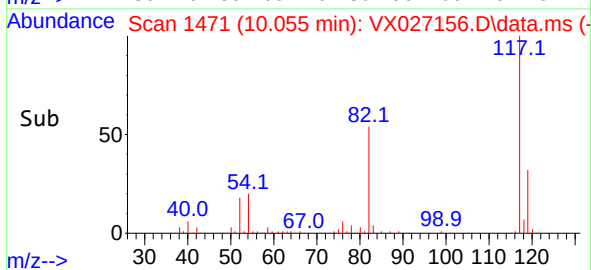
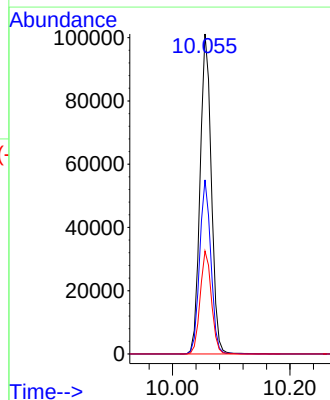
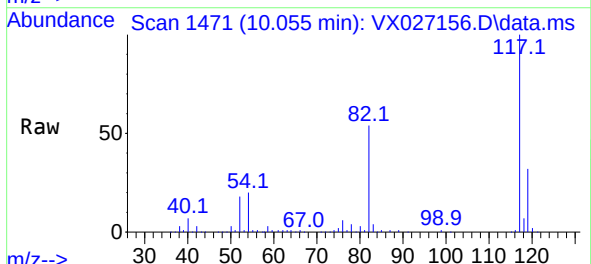
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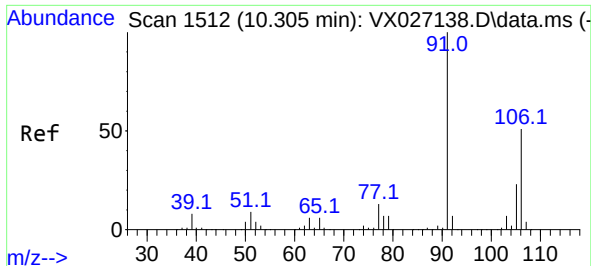
Tgt Ion: 95 Resp: 64305
Ion Ratio Lower Upper
95 100
174 79.1 0.0 148.6
176 76.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Tgt Ion: 117 Resp: 134491
Ion Ratio Lower Upper
117 100
82 54.4 45.2 67.8
119 32.2 26.2 39.2

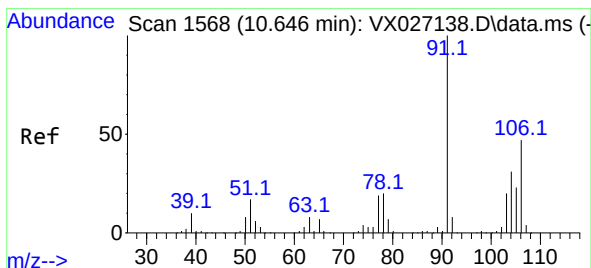
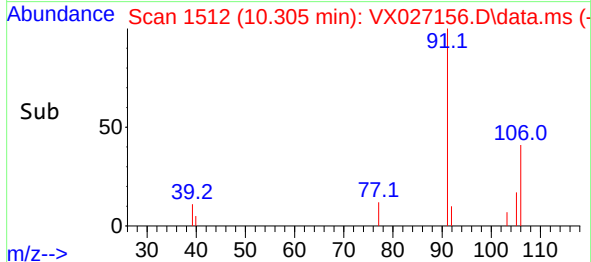
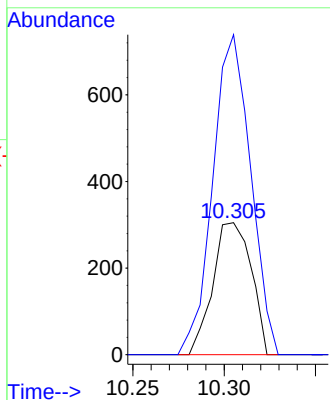
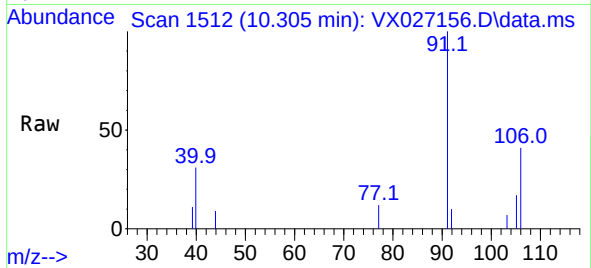




#68
m/p-Xylenes
Concen: 0.241 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

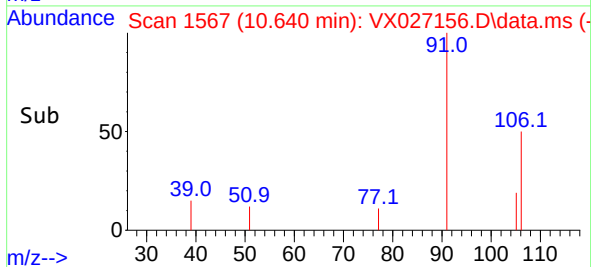
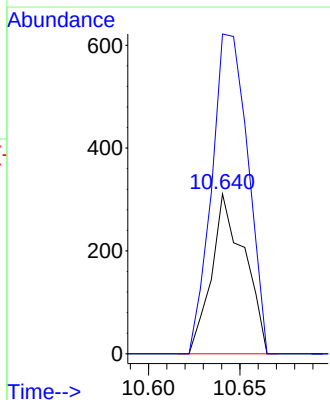
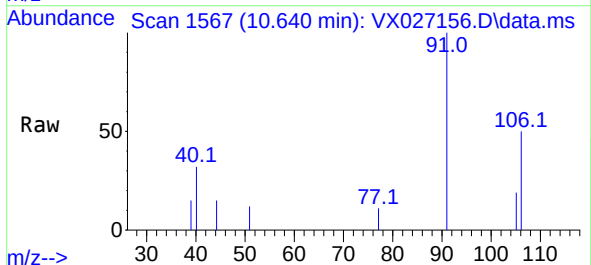
Instrument :
MSVOA_X
ClientSampleId :
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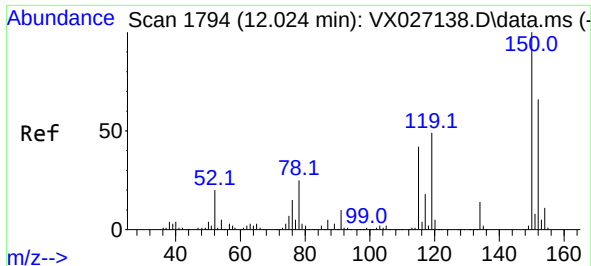
Tgt Ion:106 Resp: 446
Ion Ratio Lower Upper
106 100
91 239.0 165.3 247.9



#69
o-Xylene
Concen: 0.209 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Tgt Ion:106 Resp: 389
Ion Ratio Lower Upper
106 100
91 220.3 109.7 329.0

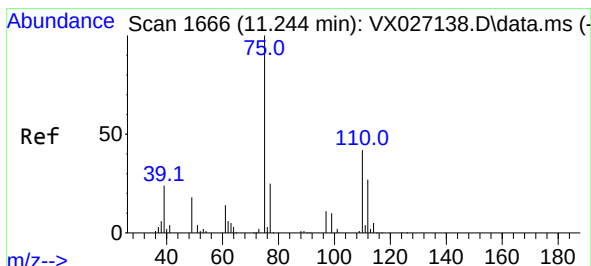
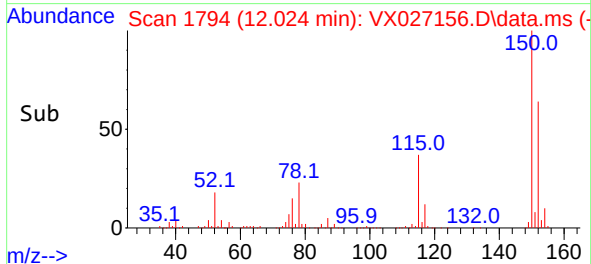
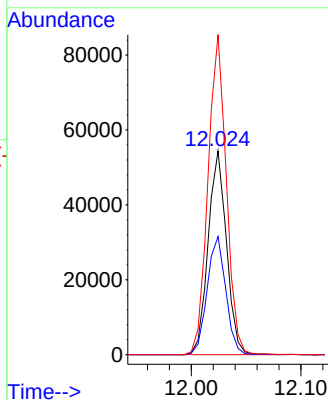
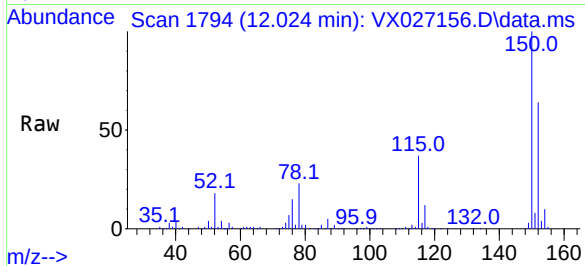




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027156.D
 Acq: 23 Feb 2022 19:20

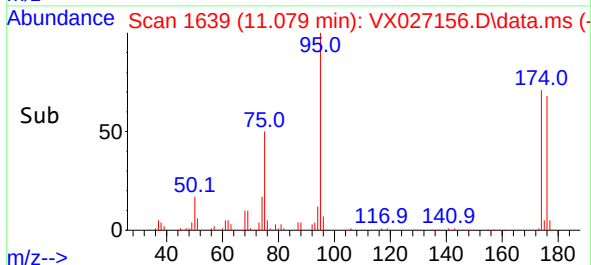
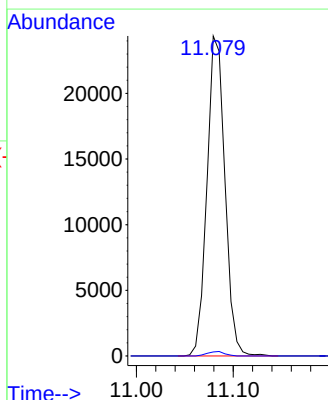
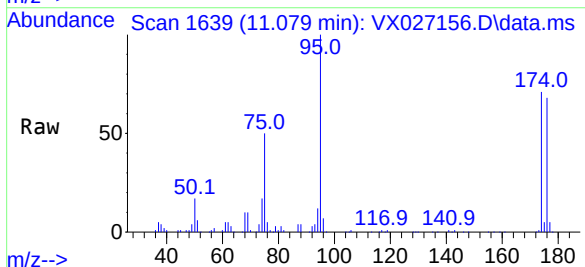
Instrument :
 MSVOA_X
 ClientSampleId :
 31415

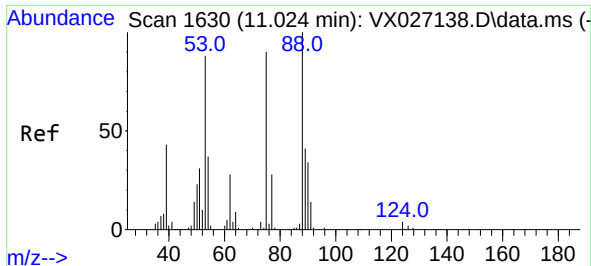
Tgt Ion:152 Resp: 63231
 Ion Ratio Lower Upper
 152 100
 115 59.1 44.2 132.6
 150 157.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.726 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027156.D
 Acq: 23 Feb 2022 19:20

Tgt Ion: 75 Resp: 31492
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.3 54.8#

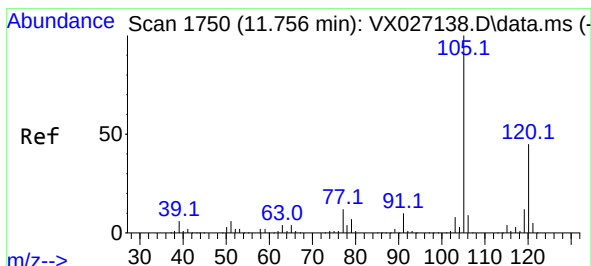
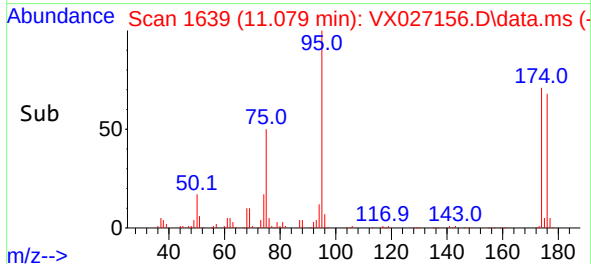
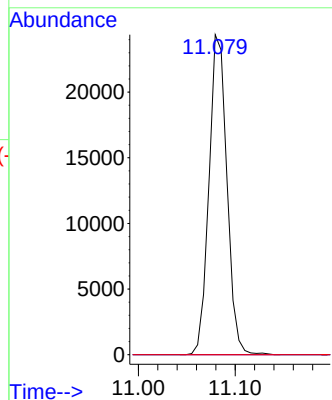
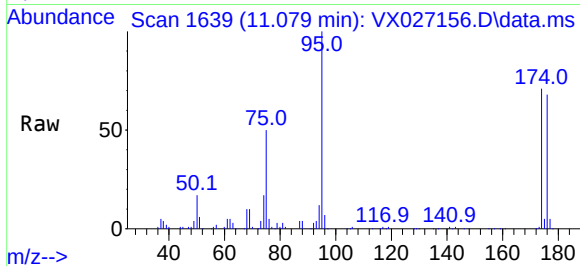




#81
trans-1,4-Dichloro-2-butene
Concen: 70.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

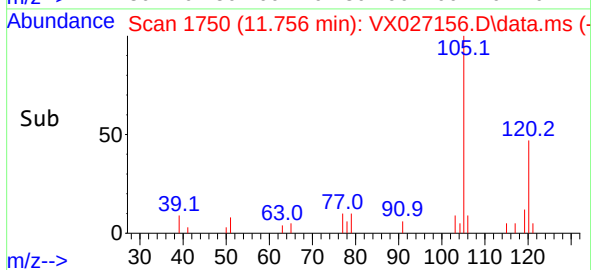
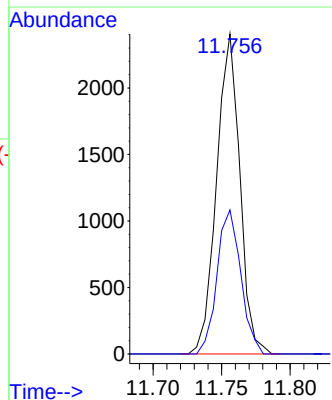
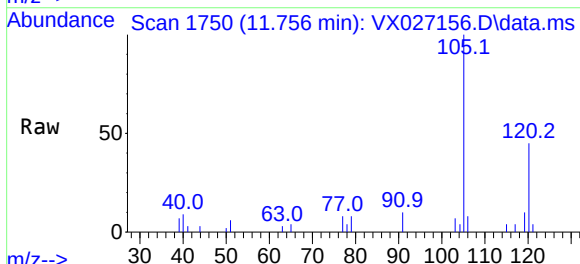
Instrument :
MSVOA_X
ClientSampleId :
31415

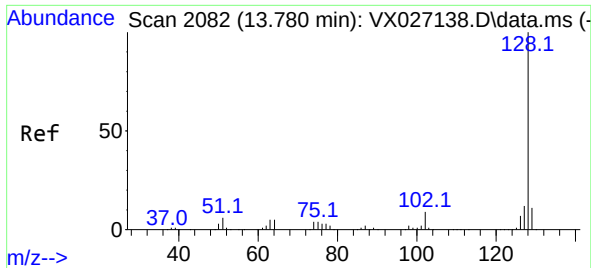
Tgt Ion: 75 Resp: 31492
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.749 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

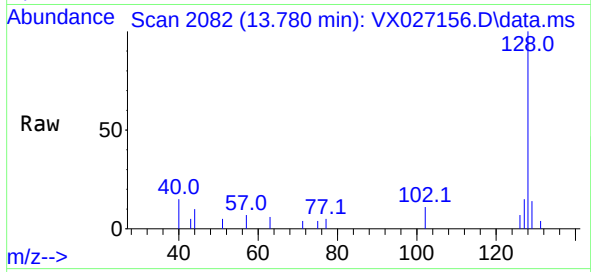
Tgt Ion: 105 Resp: 2836
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.5





#95
Naphthalene
Concen: 0.446 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027156.D
Acq: 23 Feb 2022 19:20

Instrument :
MSVOA_X
ClientSampleId :
31415



Tgt Ion:	128	Resp:	1983
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	11.3	8.7	13.1

