

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027243.D
 Acq On : 01 Mar 2022 13:09
 Operator : JC/MD
 Sample : N1688-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 02 00:34:15 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

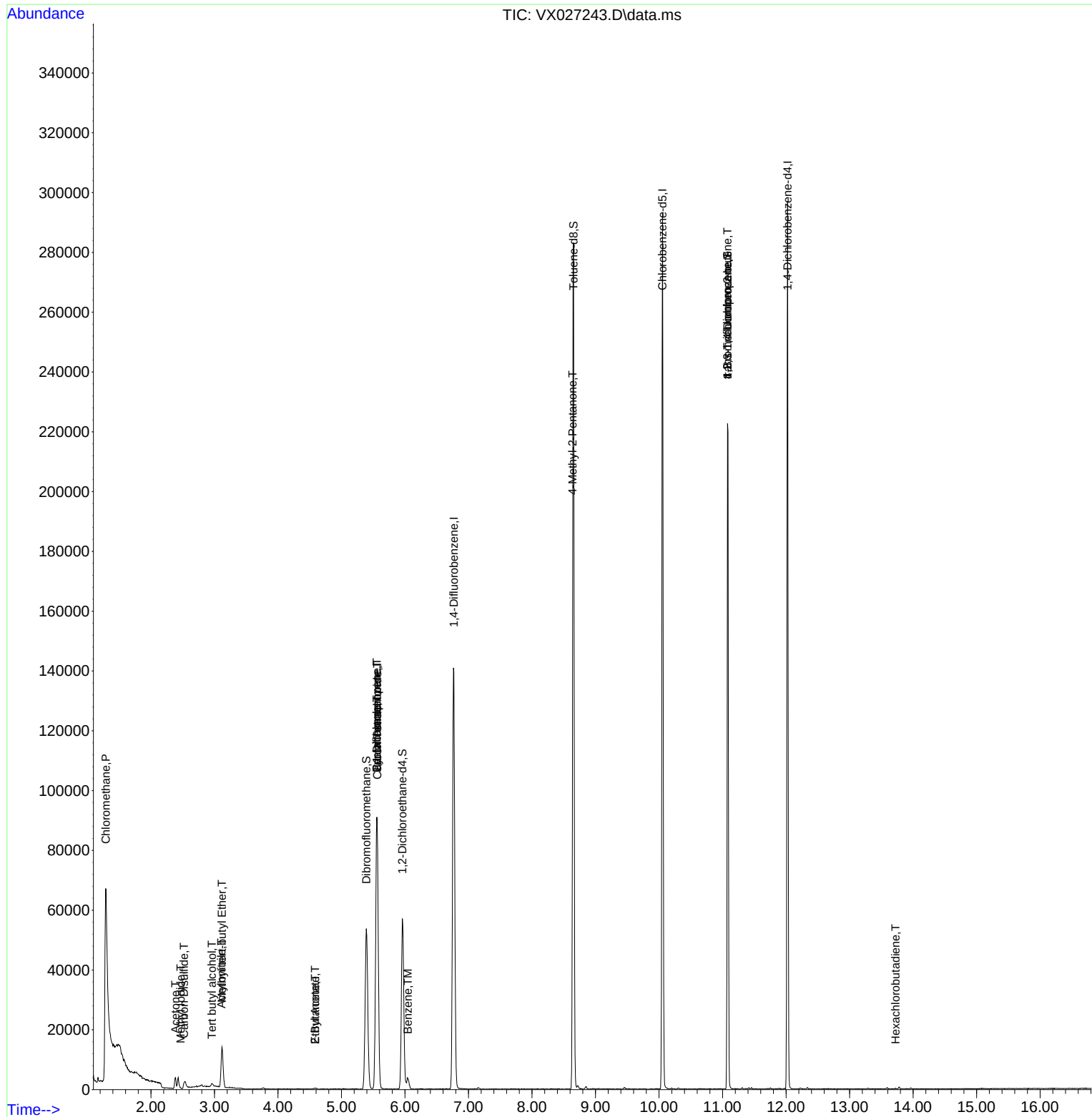
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	91016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	152196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54467	49.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.391	113	47533	50.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	8.653	98	173814	49.206	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.420%
62) 4-Bromofluorobenzene	11.079	95	62918	46.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	3351	3.962	ug/l #	42
5) Bromomethane	1.618	94	73	Below Cal	#	2
10) Methyl Iodide	2.465	142	354	0.289	ug/l #	78
11) Tert butyl alcohol	2.959	59	1151	5.412	ug/l #	75
15) Acrylonitrile	3.111	53	119	0.218	ug/l #	35
16) Acetone	2.386	43	4145	8.637	ug/l	98
17) Carbon Disulfide	2.520	76	4080	1.771	ug/l #	94
19) Methyl tert-butyl Ether	3.117	73	14793	4.865	ug/l	98
25) 2-Butanone	4.587	43	749	0.980	ug/l #	50
31) Cyclohexane	5.556	56	1640	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6529	4.735	ug/l #	50
37) Ethyl Acetate	4.587	43	749	0.495	ug/l #	69
38) Carbon Tetrachloride	5.562	117	8882	6.177	ug/l #	16
40) Benzene	6.044	78	4552	1.129	ug/l	94
51) 4-Methyl-2-Pentanone	8.641	43	676	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30834	25.025	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	30834	70.871	ug/l #	3
94) Hexachlorobutadiene	13.725	225	108	0.206	ug/l #	49

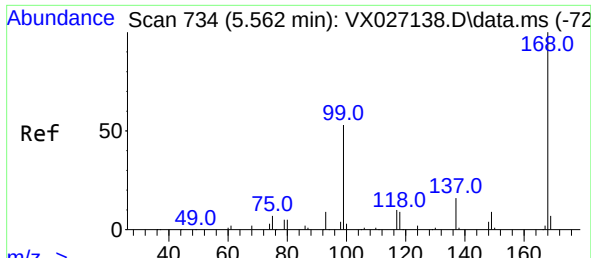
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.006 min

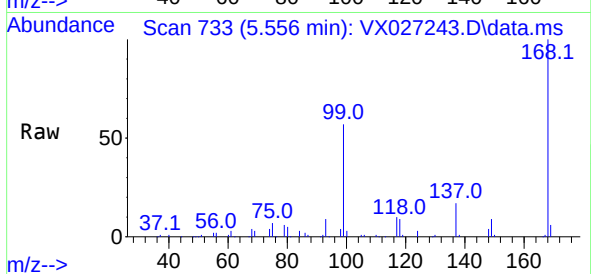
Lab File: VX027243.D

Acq: 01 Mar 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

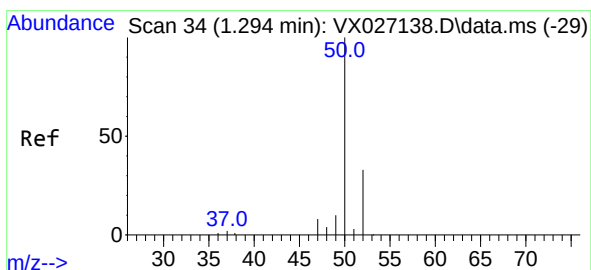
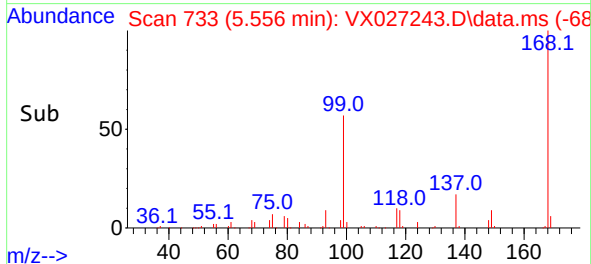
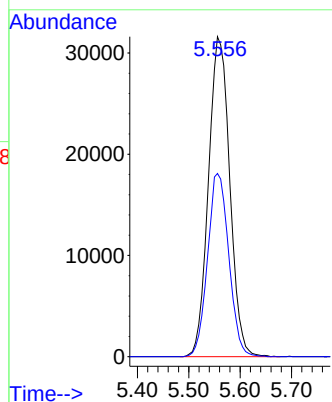


Tgt Ion:168 Resp: 91016

Ion Ratio Lower Upper

168 100

99 57.2 50.3 75.5



#3

Chloromethane

Concen: 3.962 ug/l

RT: 1.288 min Scan# 33

Delta R.T. -0.006 min

Lab File: VX027243.D

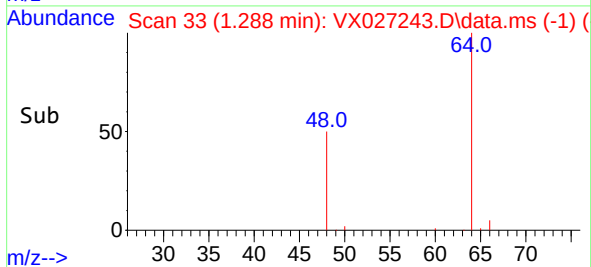
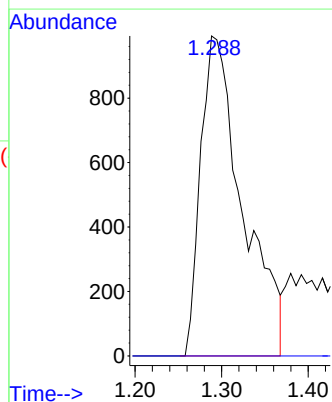
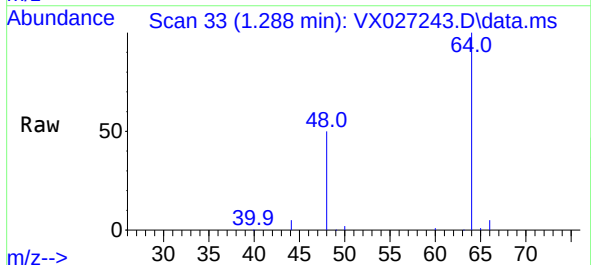
Acq: 01 Mar 2022 13:09

Tgt Ion: 50 Resp: 3351

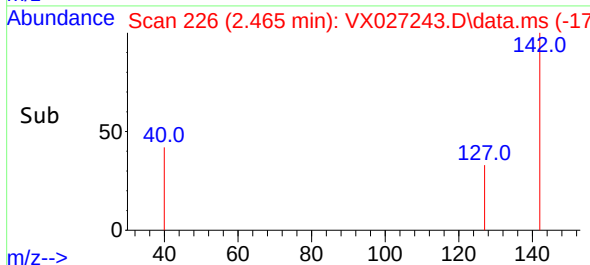
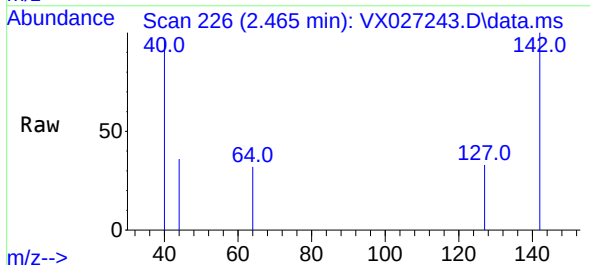
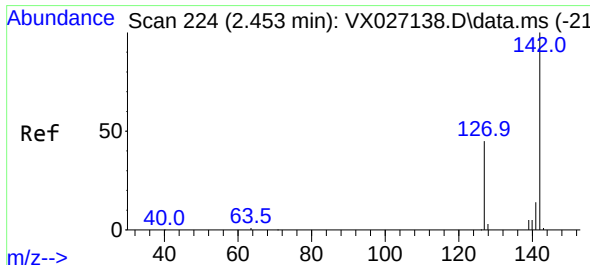
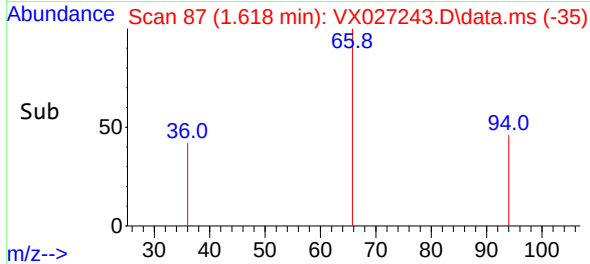
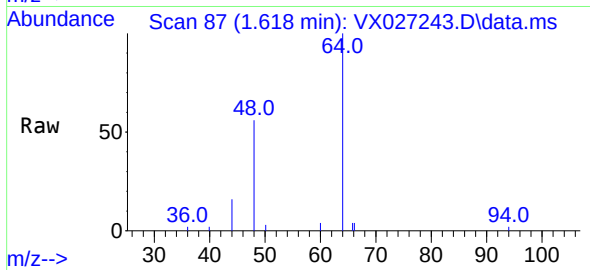
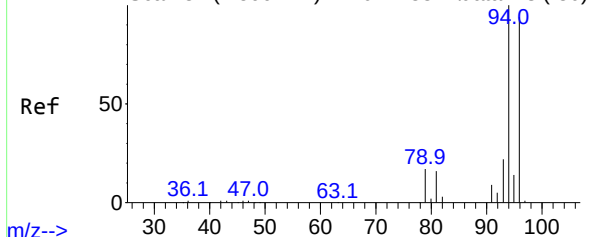
Ion Ratio Lower Upper

50 100

52 0.0 26.1 39.1#



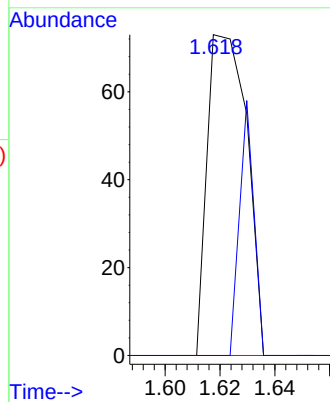
Abundance Scan 84 (1.599 min): VX027138.D\data.ms (-80)



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

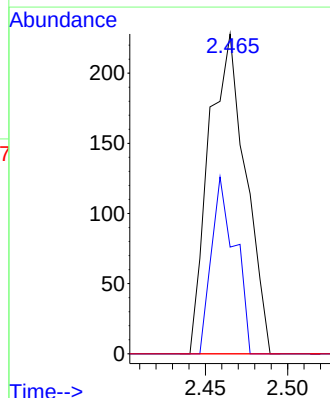
Instrument :
MSVOA_X
ClientSampleId :

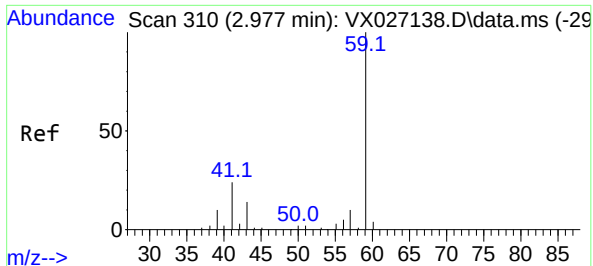
Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



#10
Methyl Iodide
Concen: 0.289 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

Tgt Ion: 142 Resp: 354
Ion Ratio Lower Upper
142 100
127 35.6 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 5.412 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027243.D

Acq: 01 Mar 2022 13:09

Instrument :

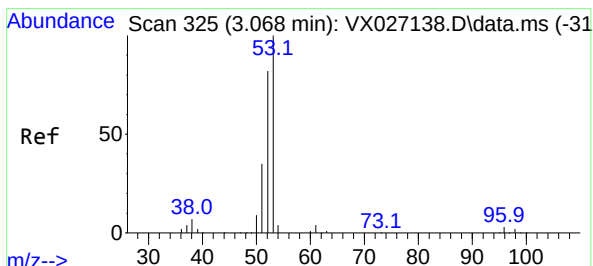
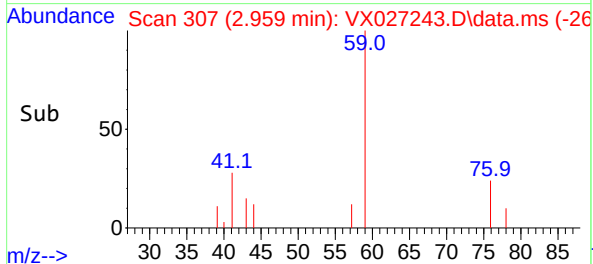
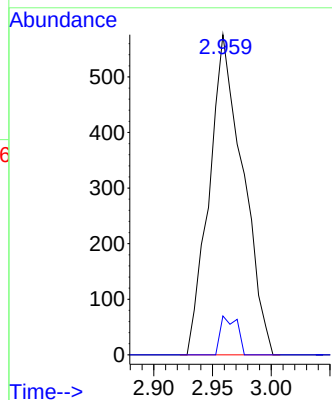
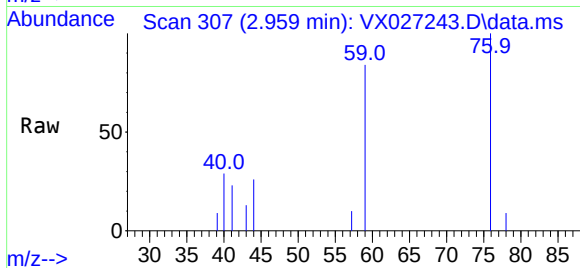
MSVOA_X

ClientSampleId :

Tgt Ion: 59 Resp: 1151

Ion Ratio Lower Upper

59	100		
57	0.0	7.2	10.8#



#15

Acrylonitrile

Concen: 0.218 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

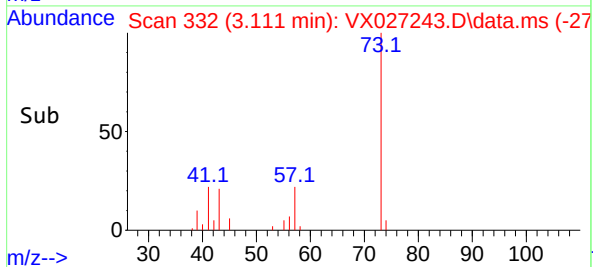
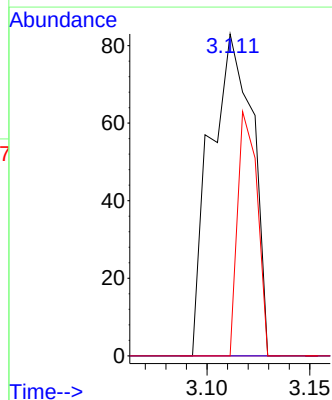
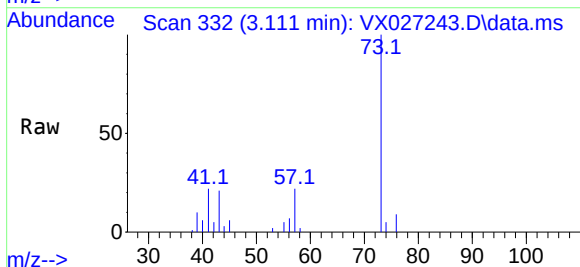
Lab File: VX027243.D

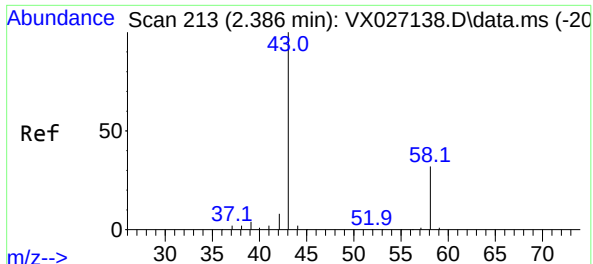
Acq: 01 Mar 2022 13:09

Tgt Ion: 53 Resp: 119

Ion Ratio Lower Upper

53	100		
52	0.0	66.6	100.0#
51	35.3	29.5	44.3

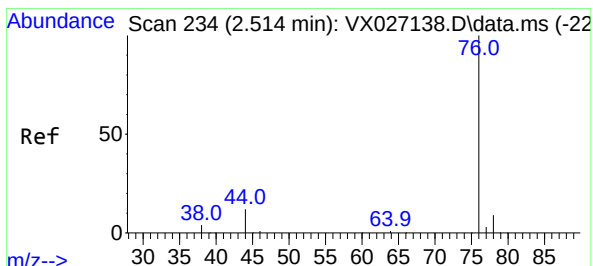
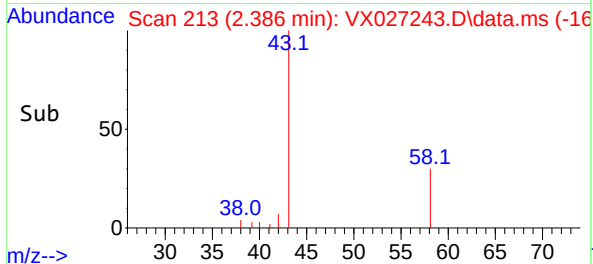
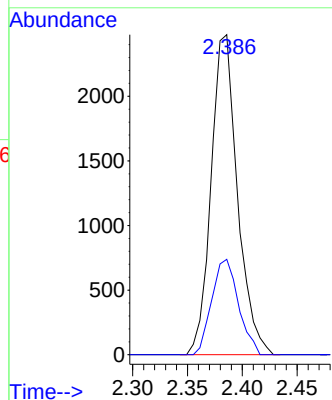
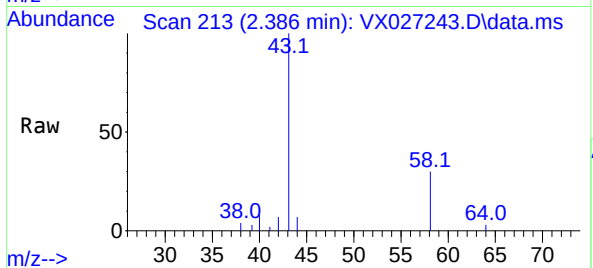




#16
Acetone
Concen: 8.637 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

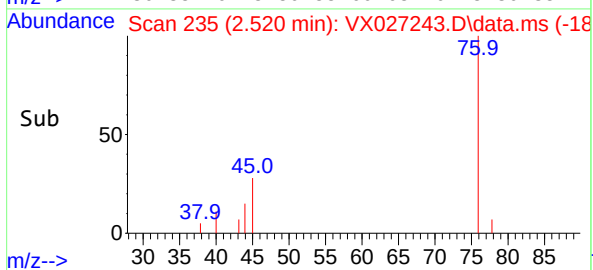
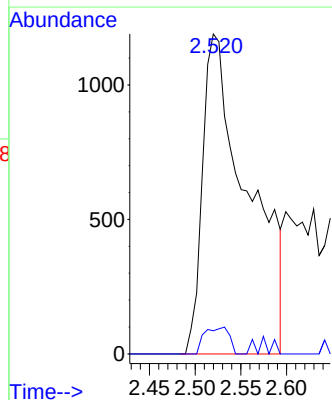
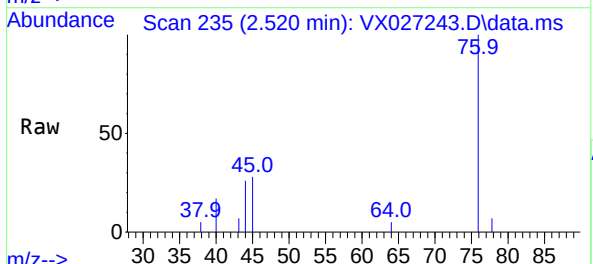
Instrument :
MSVOA_X
ClientSampleId :

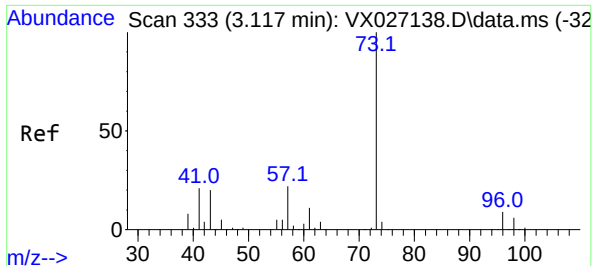
Tgt Ion: 43 Resp: 4145
Ion Ratio Lower Upper
43 100
58 29.8 23.0 34.6



#17
Carbon Disulfide
Concen: 1.771 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

Tgt Ion: 76 Resp: 4080
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#





#19

Methyl tert-butyl Ether

Concen: 4.865 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027243.D

Acq: 01 Mar 2022 13:09

Instrument :

MSVOA_X

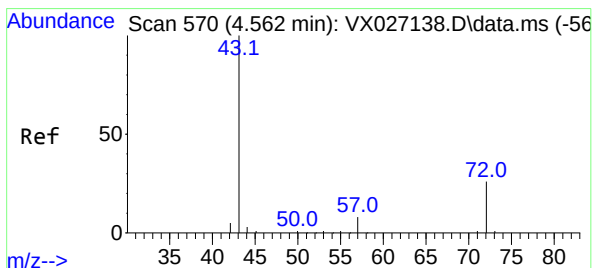
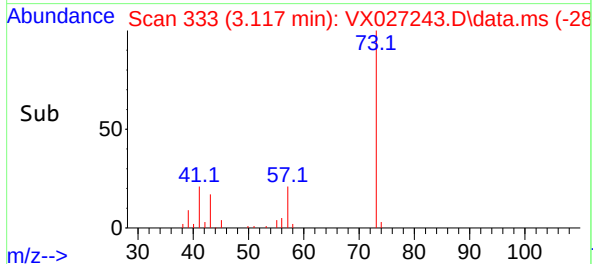
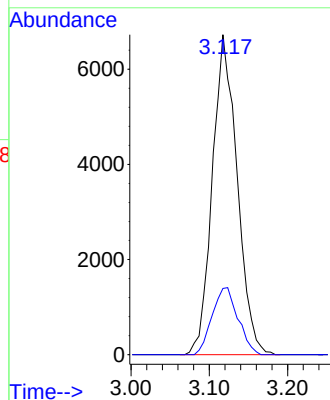
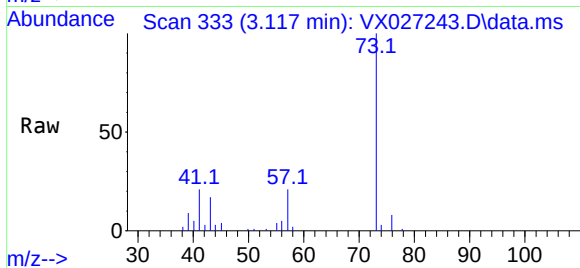
ClientSampleId :

Tgt Ion: 73 Resp: 14793

Ion Ratio Lower Upper

73 100

57 20.7 17.4 26.2



#25

2-Butanone

Concen: 0.980 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.025 min

Lab File: VX027243.D

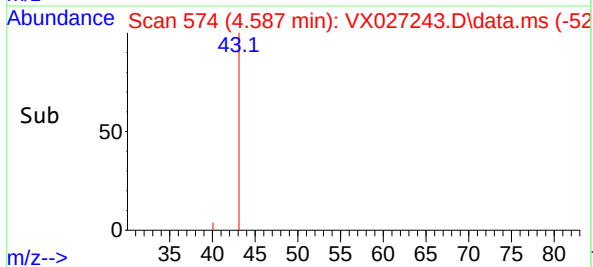
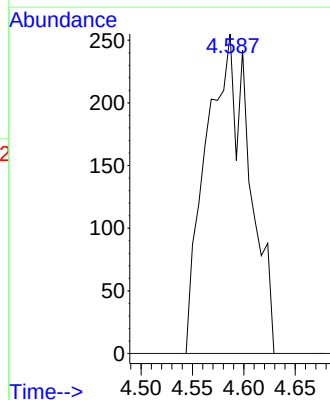
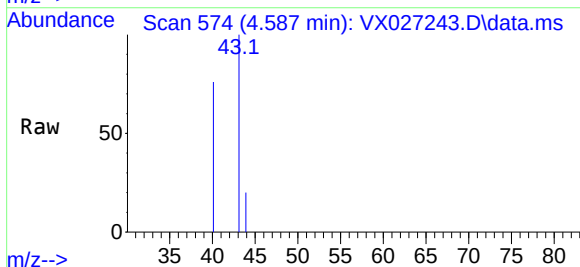
Acq: 01 Mar 2022 13:09

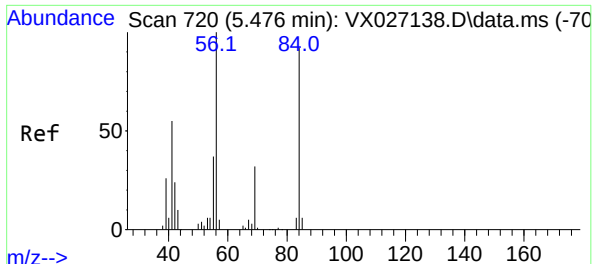
Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

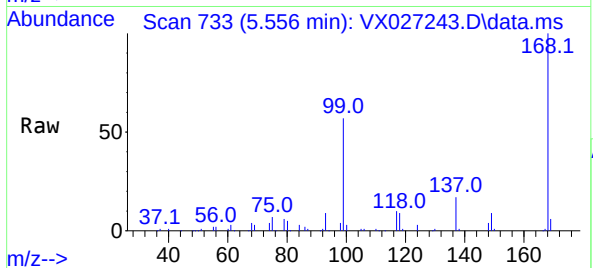
72 0.0 20.4 30.6#



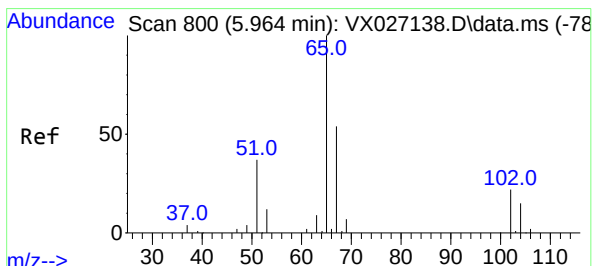
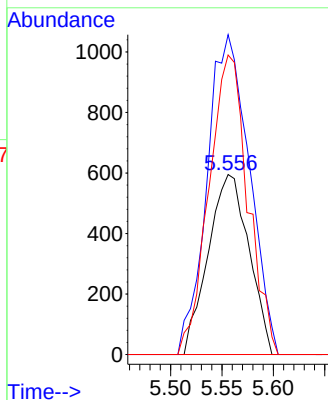
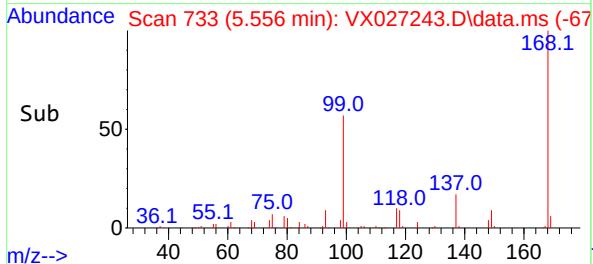


#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

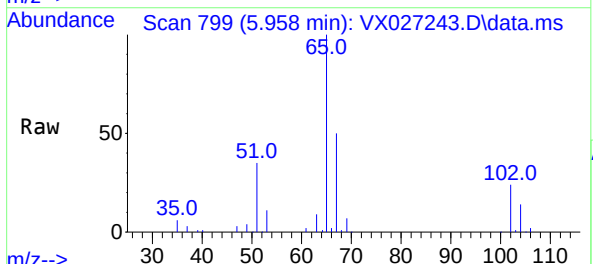
Instrument :
MSVOA_X
ClientSampleId :



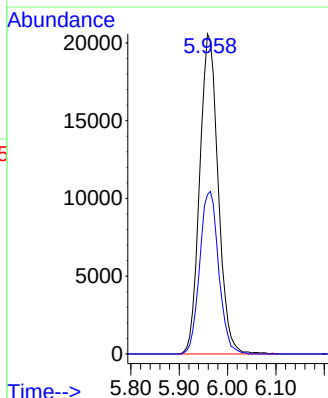
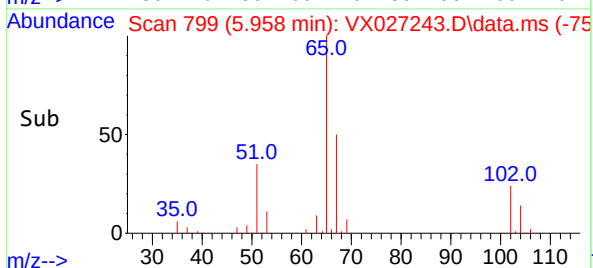
Tgt Ion: 56 Resp: 1640
Ion Ratio Lower Upper
56 100
69 177.6 25.8 38.6#
84 166.4 68.9 103.3#

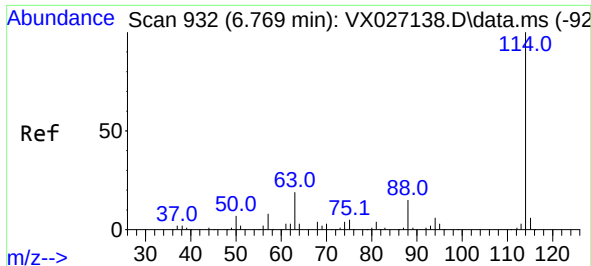


#33
1,2-Dichloroethane-d4
Concen: 49.828 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09



Tgt Ion: 65 Resp: 54467
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.8

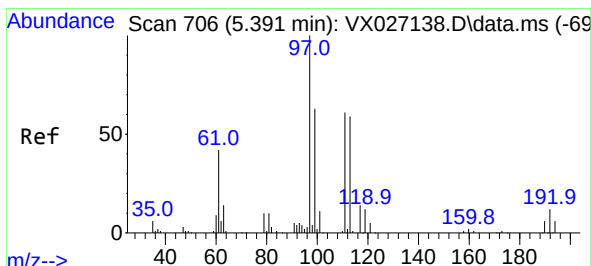
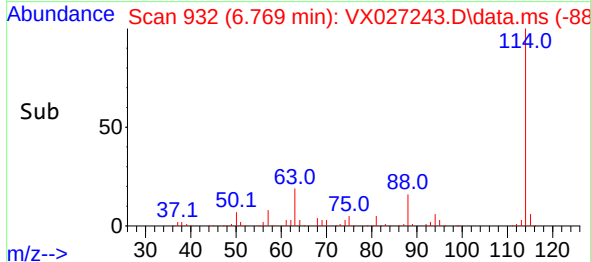
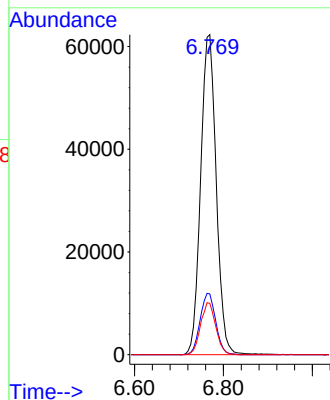
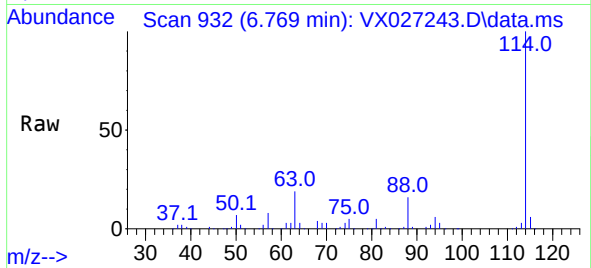




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

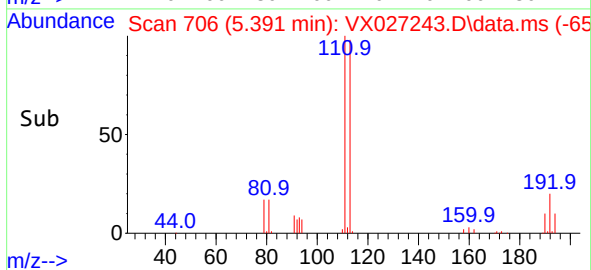
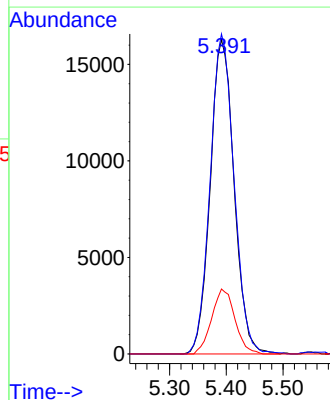
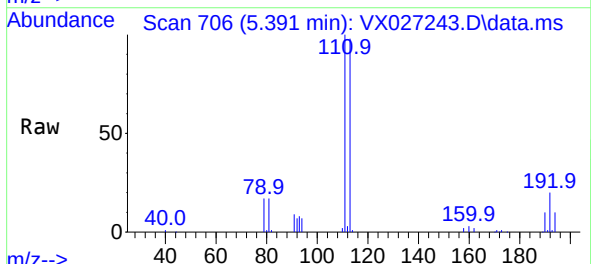
Instrument :
MSVOA_X
ClientSampleId :

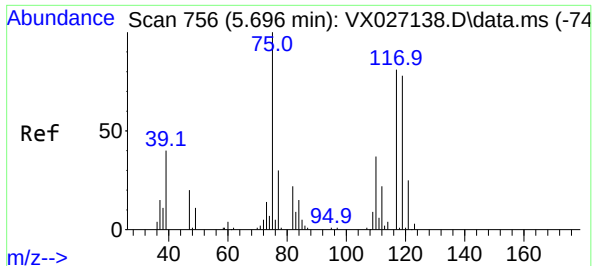
Tgt Ion:114 Resp: 152196
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.315 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

Tgt Ion:113 Resp: 47533
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 20.2 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

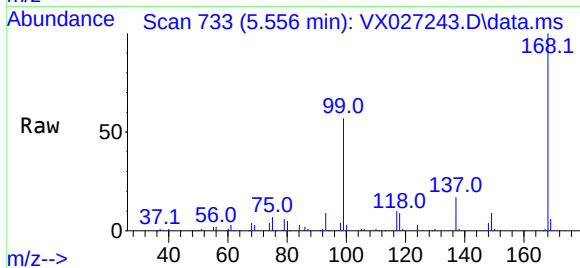
Lab File: VX027243.D

Acq: 01 Mar 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :



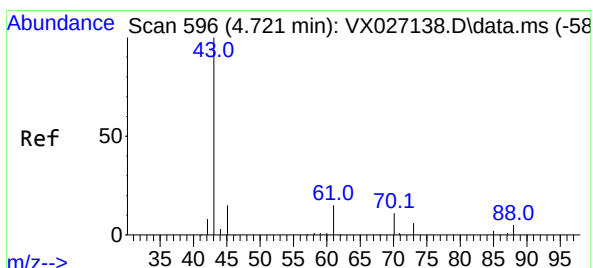
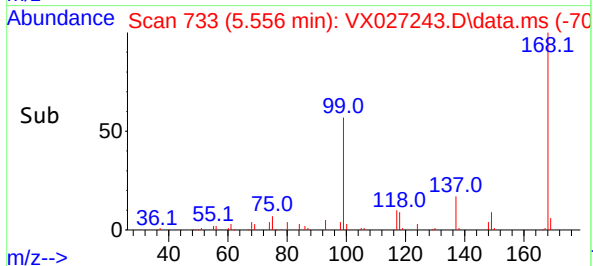
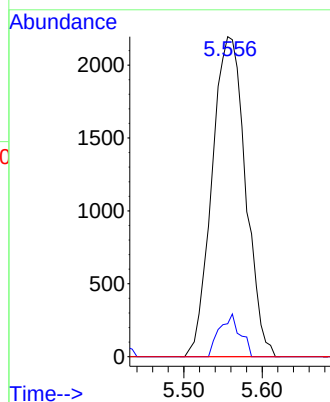
Tgt Ion: 75 Resp: 6529

Ion Ratio Lower Upper

75 100

110 8.2 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 0.495 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.134 min

Lab File: VX027243.D

Acq: 01 Mar 2022 13:09

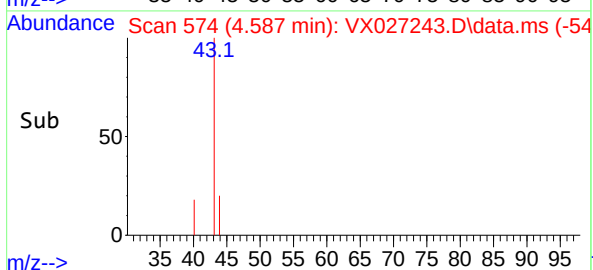
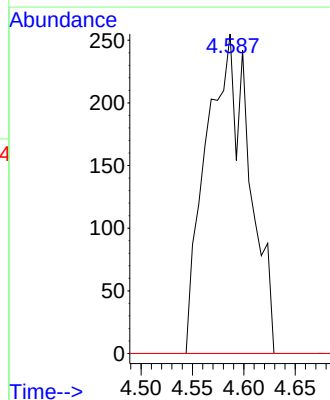
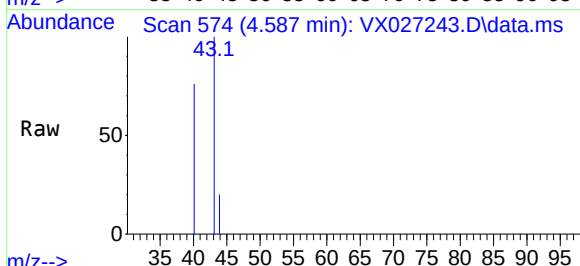
Tgt Ion: 43 Resp: 749

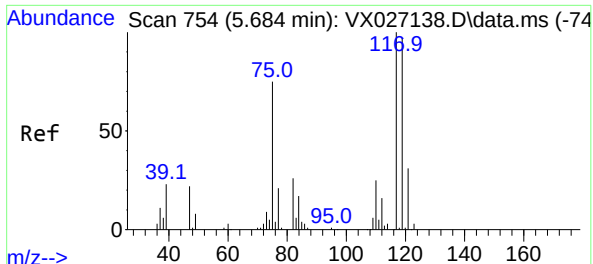
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

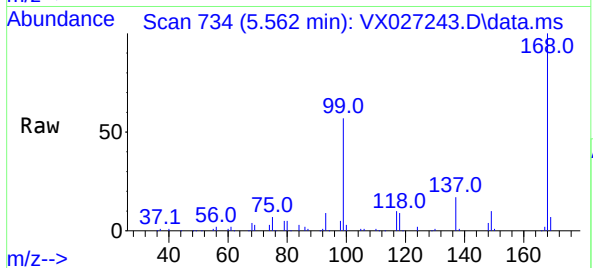
70 0.0 8.5 12.7#



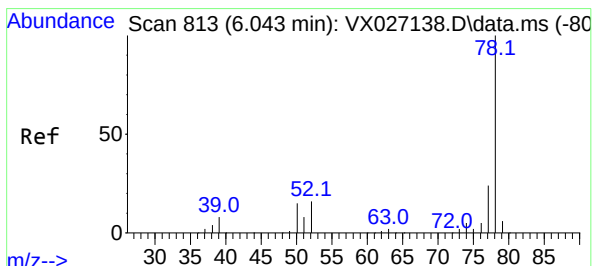
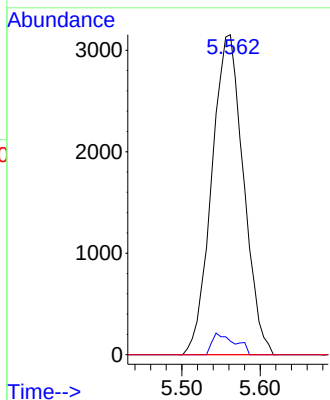
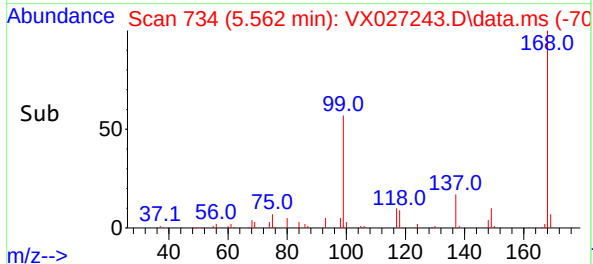


#38
Carbon Tetrachloride
Concen: 6.177 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

Instrument :
MSVOA_X
ClientSampleId :

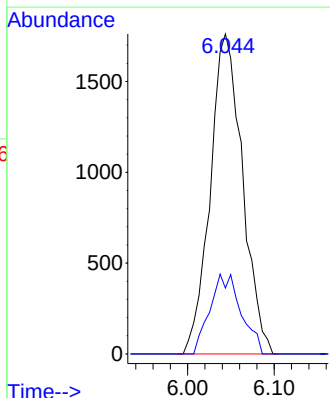
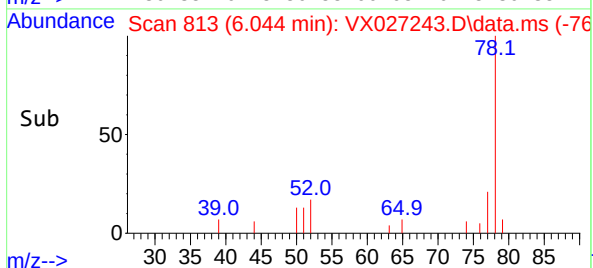
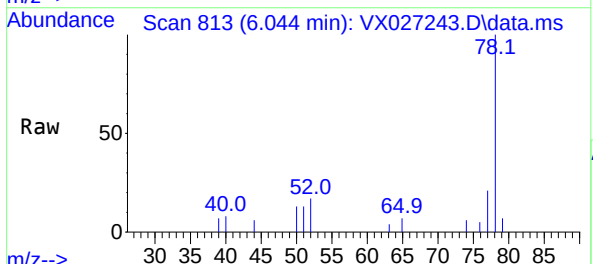


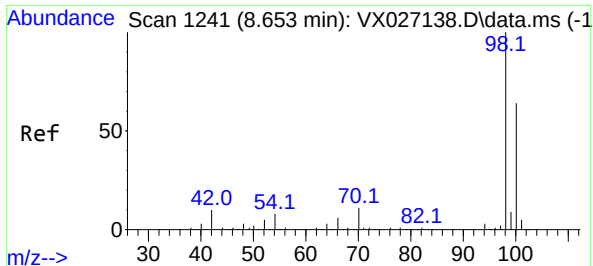
Tgt Ion:117 Resp: 8882
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 1.129 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

Tgt Ion: 78 Resp: 4552
Ion Ratio Lower Upper
78 100
77 20.6 18.9 28.3

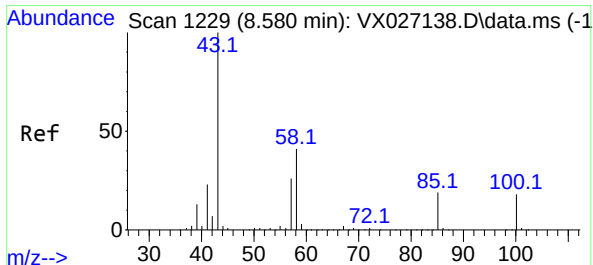
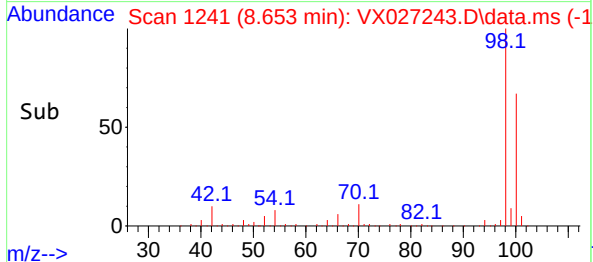
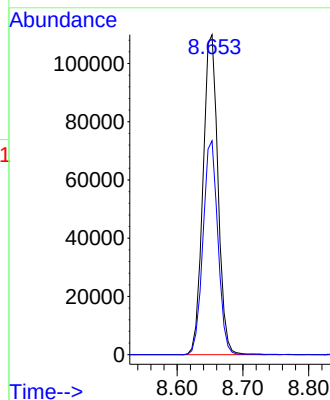
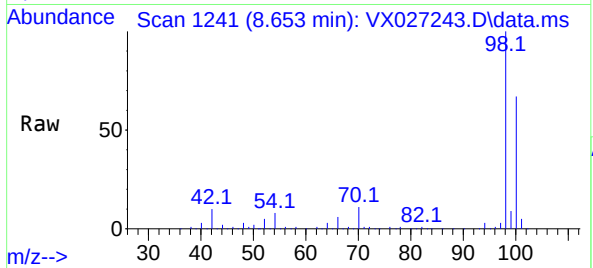




#50
Toluene-d8
Concen: 49.206 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

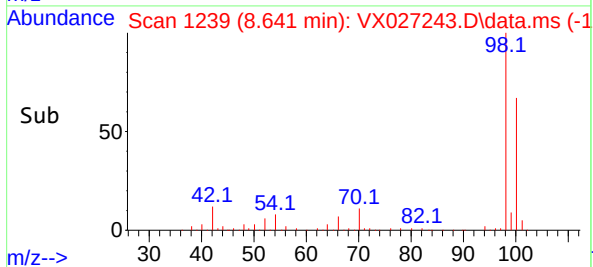
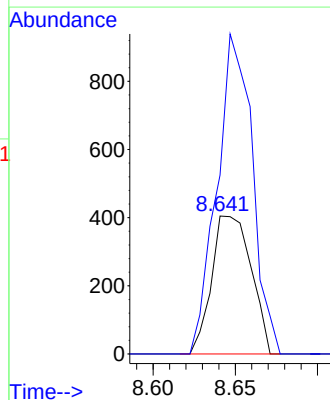
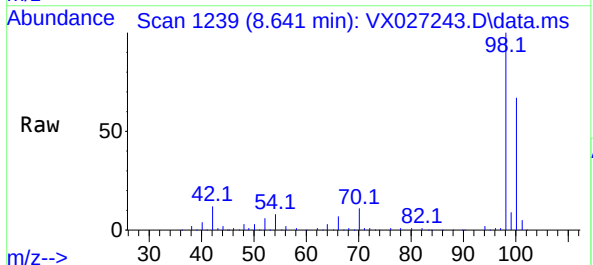
Instrument :
MSVOA_X
ClientSampleId :

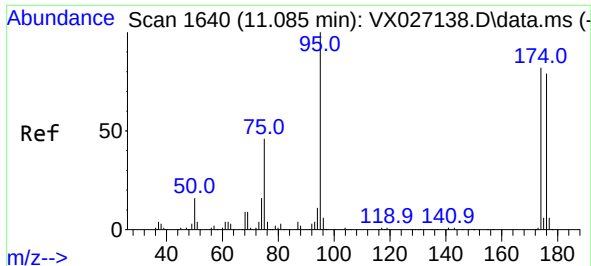
Tgt Ion: 98 Resp: 173814
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 208.0 30.5 45.7#

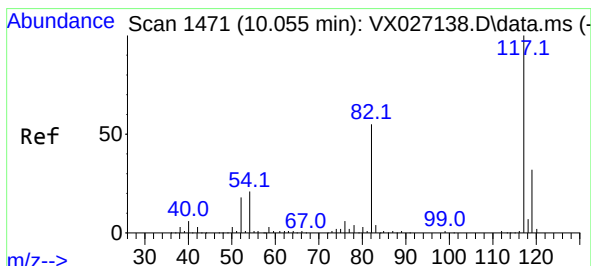
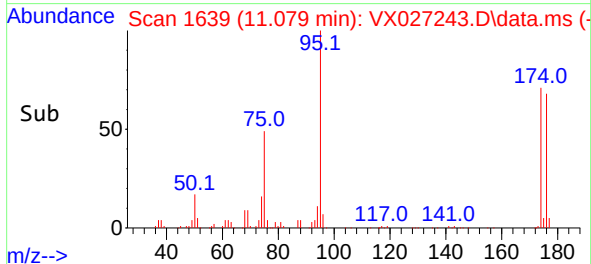
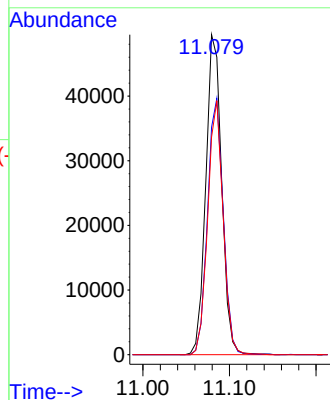
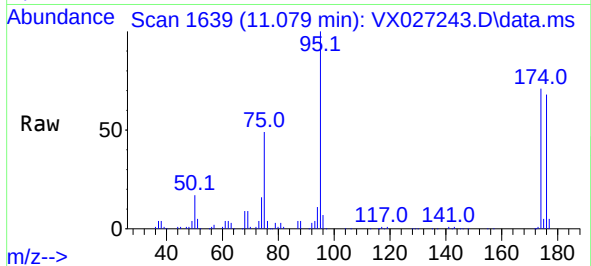




#62
4-Bromofluorobenzene
Concen: 46.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

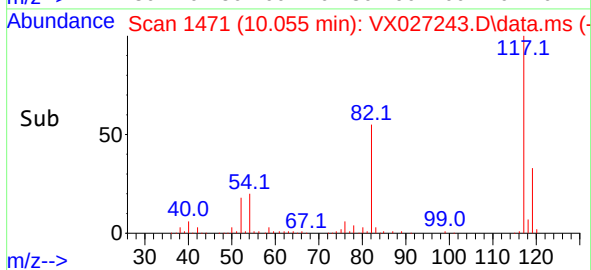
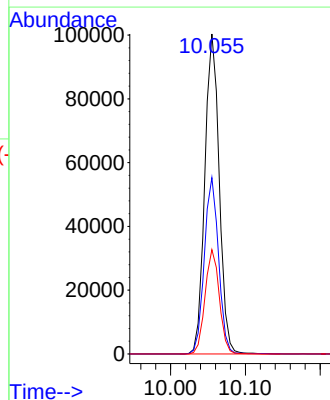
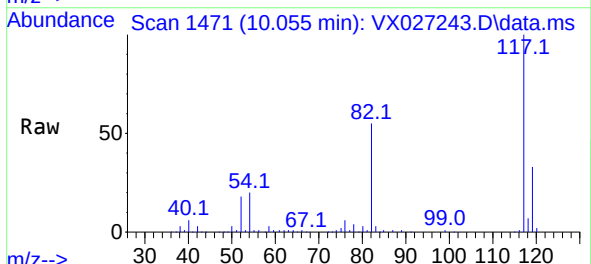
Instrument :
MSVOA_X
ClientSampleId :

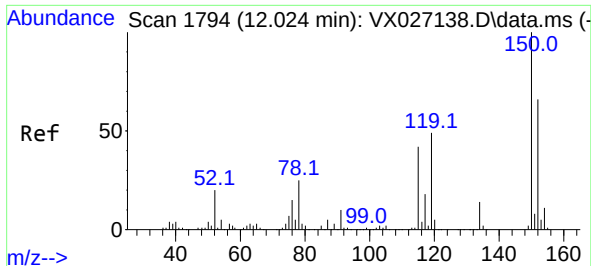
Tgt Ion: 95 Resp: 62918
Ion Ratio Lower Upper
95 100
174 79.5 0.0 148.6
176 77.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

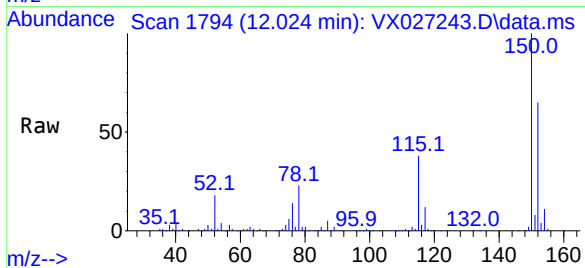
Tgt Ion: 117 Resp: 134408
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 32.6 26.2 39.2



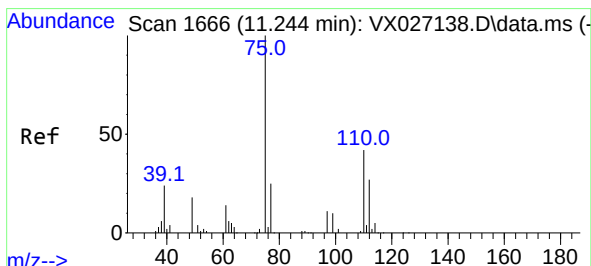
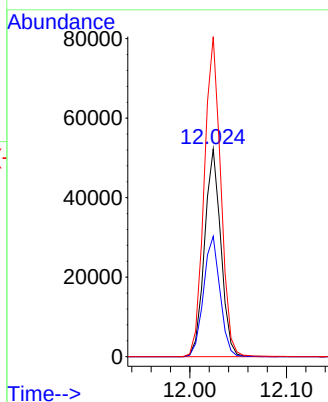
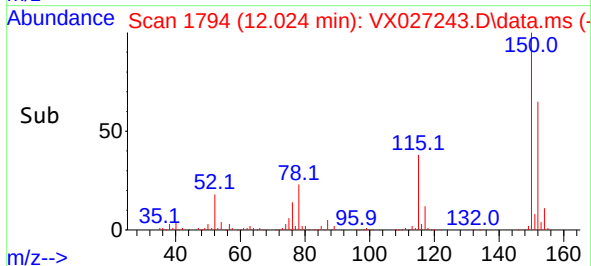


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027243.D
 Acq: 01 Mar 2022 13:09

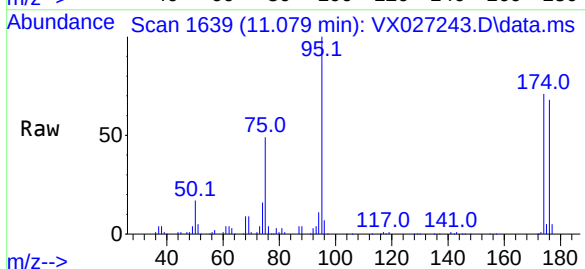
Instrument :
 MSVOA_X
 ClientSampleId :



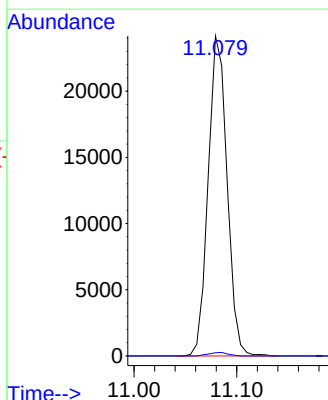
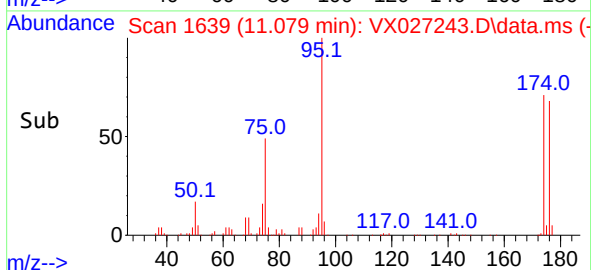
Tgt Ion:152 Resp: 61170
 Ion Ratio Lower Upper
 152 100
 115 58.8 44.2 132.6
 150 156.8 0.0 348.2

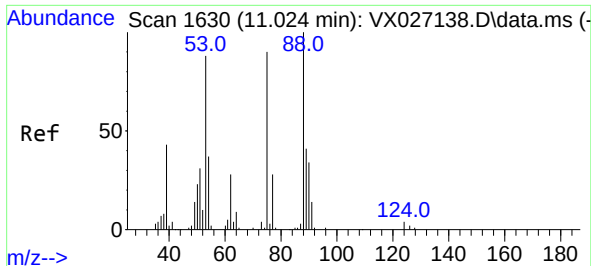


#76
 1,2,3-Trichloropropane
 Concen: 25.025 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027243.D
 Acq: 01 Mar 2022 13:09



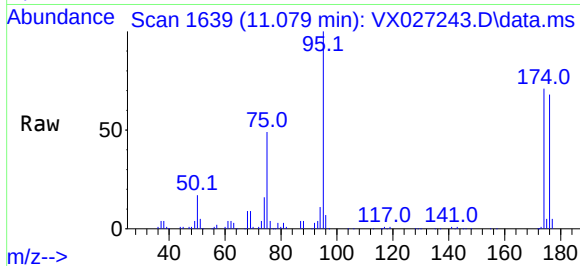
Tgt Ion: 75 Resp: 30834
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#



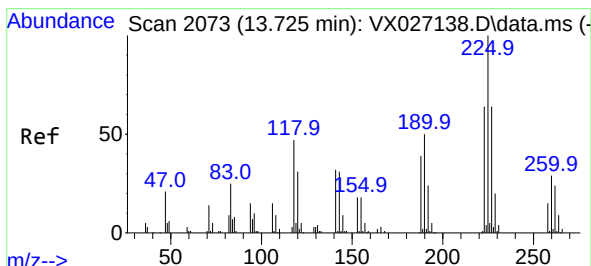
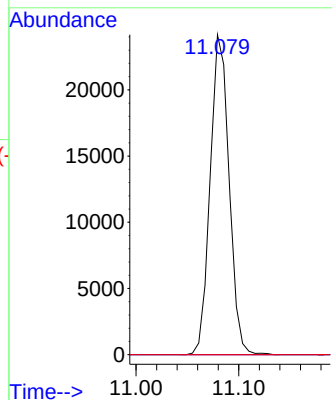
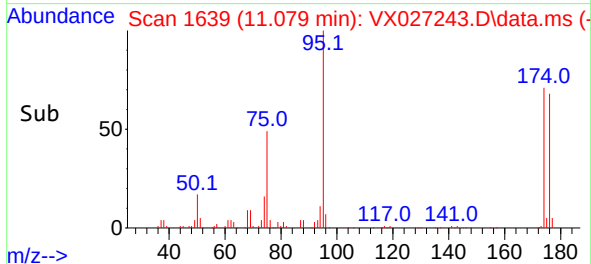


#81
trans-1,4-Dichloro-2-butene
Concen: 70.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09

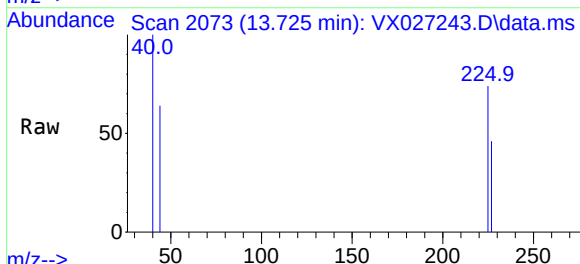
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 30834
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.206 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027243.D
Acq: 01 Mar 2022 13:09



Tgt Ion: 225 Resp: 108
Ion Ratio Lower Upper
225 100
223 0.0 32.0 96.0#
227 48.1 32.3 96.9

