

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027232.D
 Acq On : 28 Feb 2022 19:57
 Operator : JC/MD
 Sample : N1688-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 01 00:46:29 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)

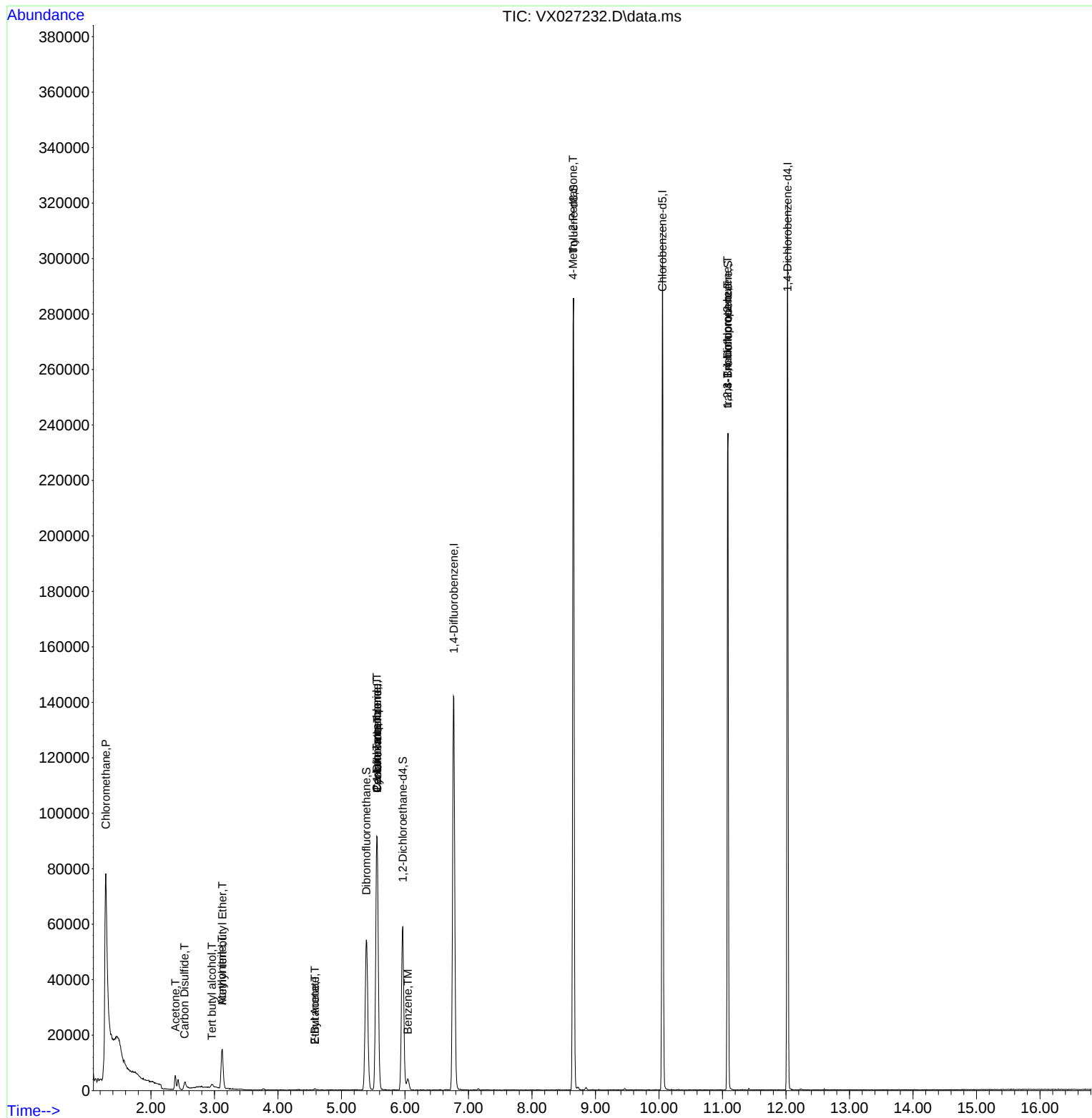
Internal Standards						
1) Pentafluorobenzene	5.562	168	90451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	152941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55915	51.472	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.940%		
35) Dibromofluoromethane	5.391	113	48500	51.089	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.180%		
50) Toluene-d8	8.653	98	175107	49.331	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.660%		
62) 4-Bromofluorobenzene	11.085	95	66292	48.653	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.300%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	3522	4.191	ug/l #	42
5) Bromomethane	1.618	94	21	Below Cal	#	2
11) Tert butyl alcohol	2.959	59	1238	5.857	ug/l #	75
15) Acrylonitrile	3.117	53	142	0.262	ug/l #	29
16) Acetone	2.386	43	5465	11.458	ug/l	90
17) Carbon Disulfide	2.526	76	2064	0.901	ug/l #	94
19) Methyl tert-butyl Ether	3.123	73	15785	5.224	ug/l	96
25) 2-Butanone	4.581	43	774	1.019	ug/l #	84
31) Cyclohexane	5.562	56	1695	1.042	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	6378	4.603	ug/l #	51
37) Ethyl Acetate	4.581	43	774	0.509	ug/l #	69
38) Carbon Tetrachloride	5.556	117	8906	6.163	ug/l #	18
40) Benzene	6.044	78	4965	1.225	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	645	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32962	25.017	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	32962	70.849	ug/l #	3

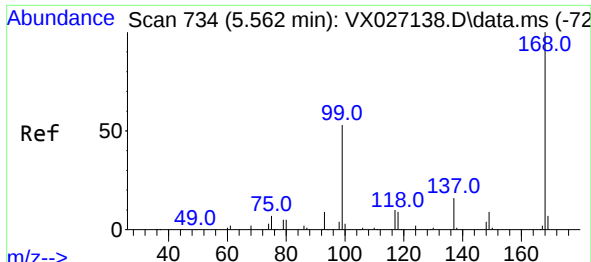
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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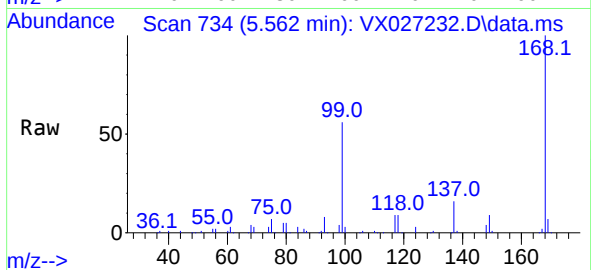
Quant Time: Mar 01 00:46:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



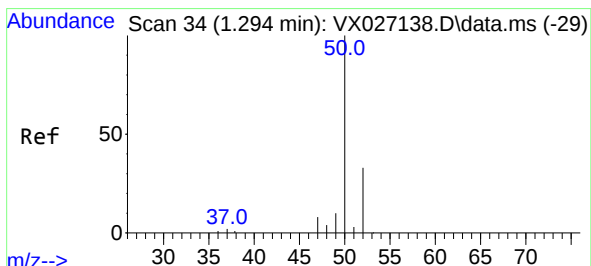
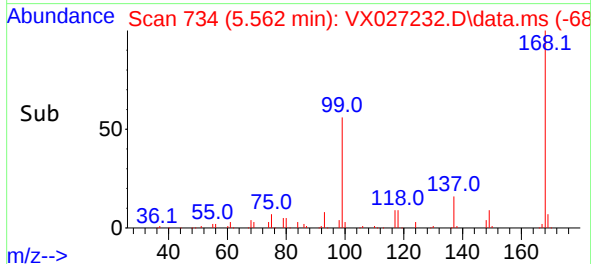
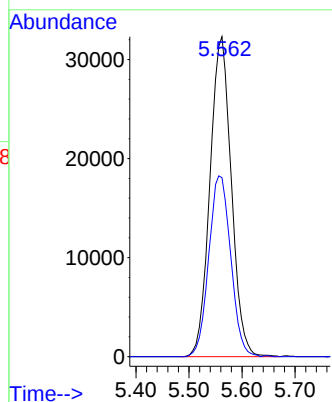


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :

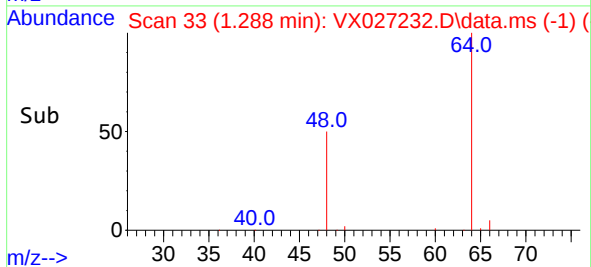
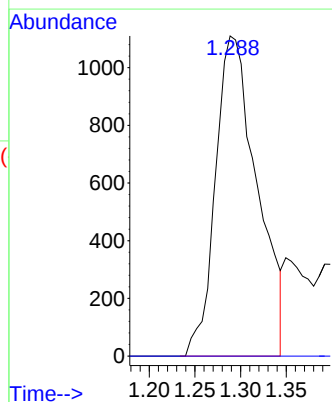
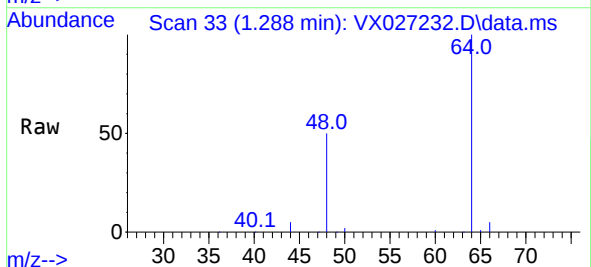


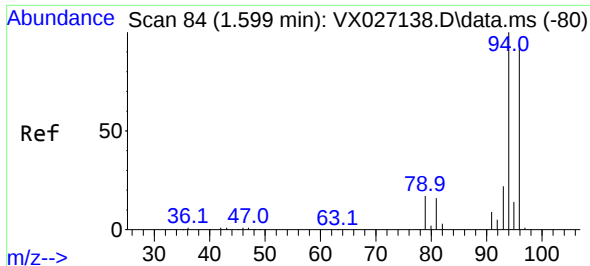
Tgt Ion:168 Resp: 90451
Ion Ratio Lower Upper
168 100
99 56.0 50.3 75.5



#3
Chloromethane
Concen: 4.191 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

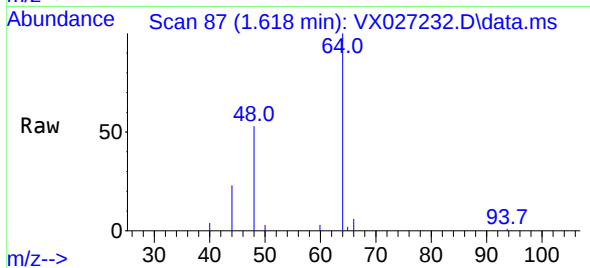
Tgt Ion: 50 Resp: 3522
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



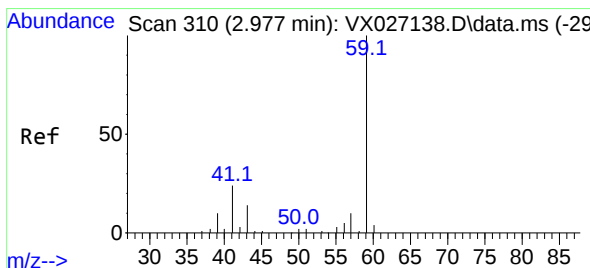
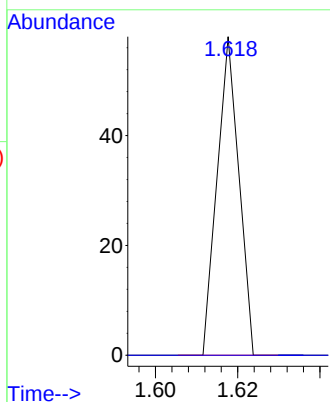
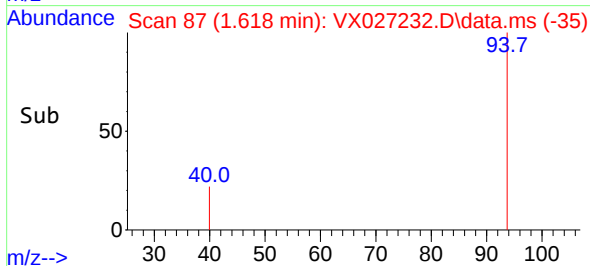


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :

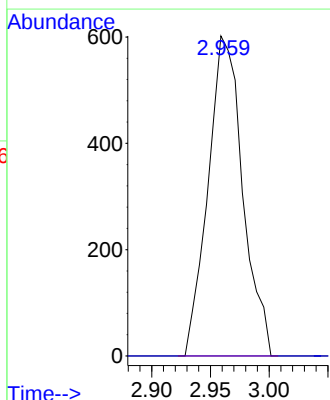
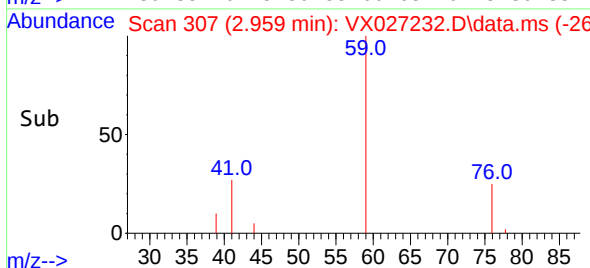
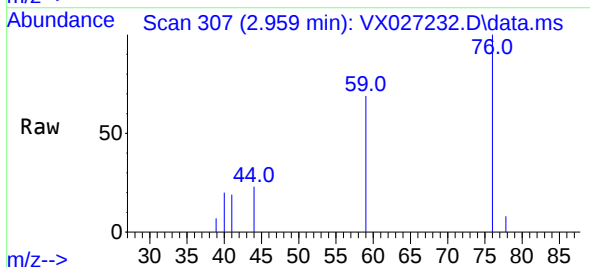


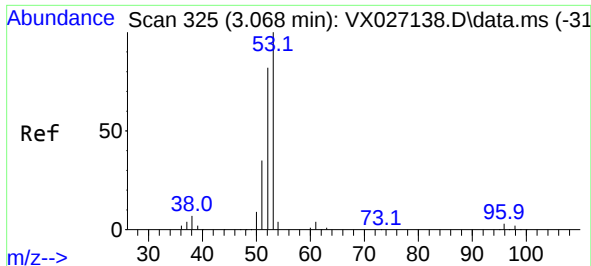
Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



#11
Tert butyl alcohol
Concen: 5.857 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Tgt Ion: 59 Resp: 1238
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#15

Acrylonitrile

Concen: 0.262 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX027232.D

Acq: 28 Feb 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

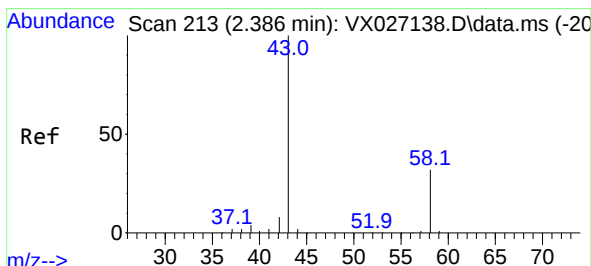
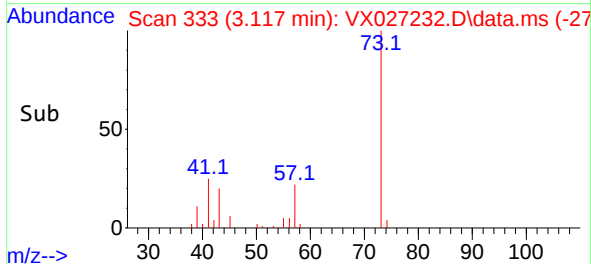
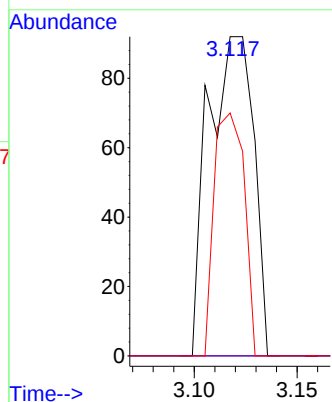
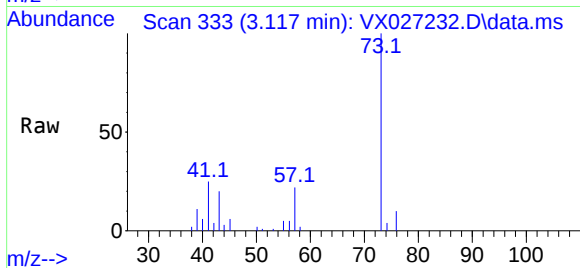
Tgt Ion: 53 Resp: 142

Ion Ratio Lower Upper

53 100

52 0.0 66.6 100.0#

51 50.0 29.5 44.3#



#16

Acetone

Concen: 11.458 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX027232.D

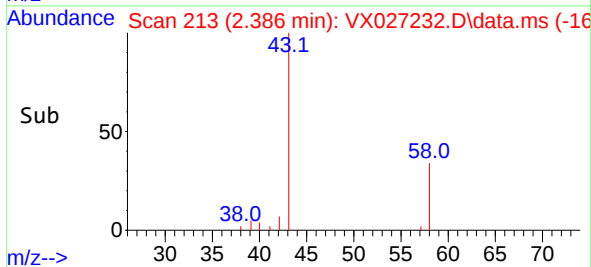
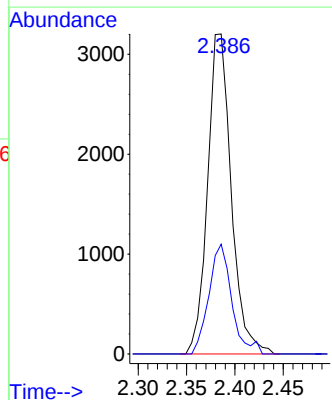
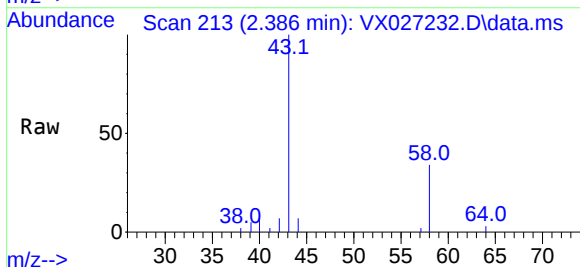
Acq: 28 Feb 2022 19:57

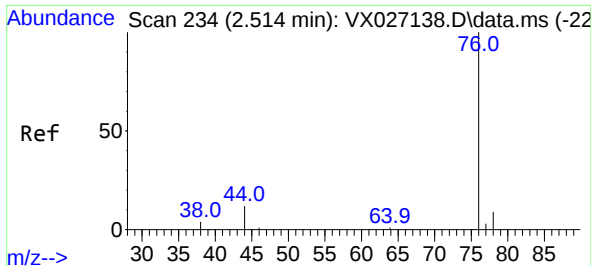
Tgt Ion: 43 Resp: 5465

Ion Ratio Lower Upper

43 100

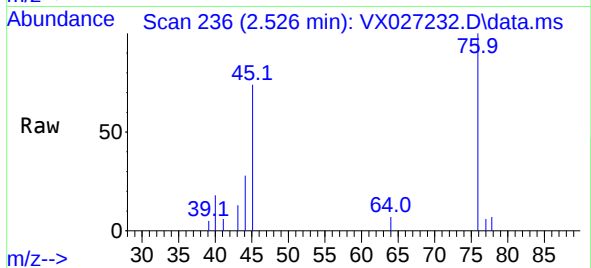
58 34.3 23.0 34.6



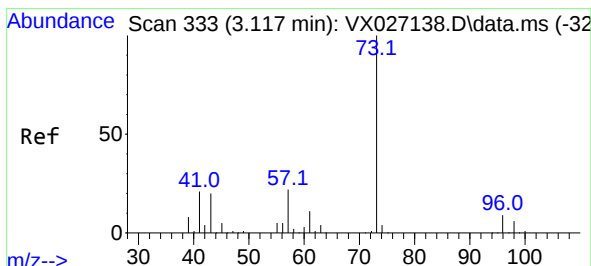
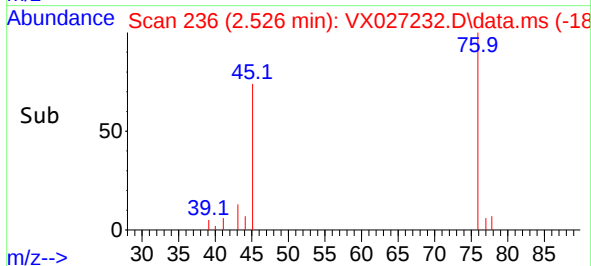
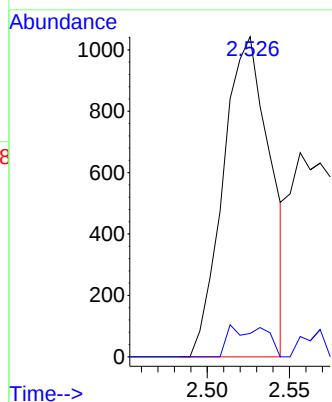


#17
Carbon Disulfide
Concen: 0.901 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :

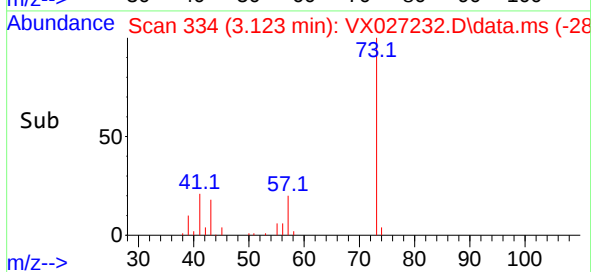
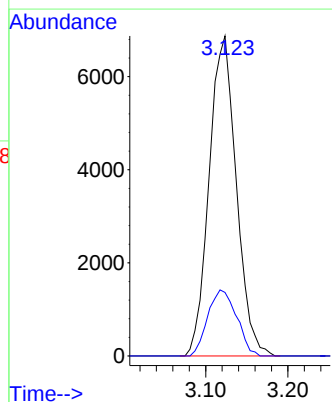
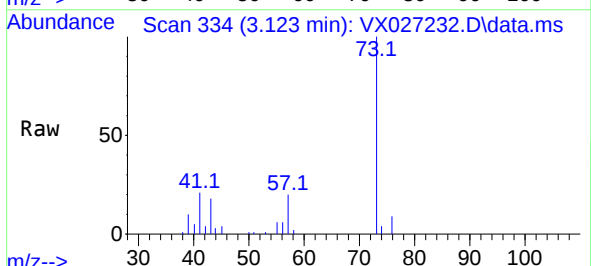


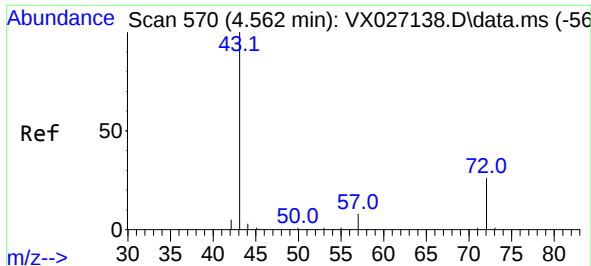
Tgt Ion: 76 Resp: 2064
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 5.224 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Tgt Ion: 73 Resp: 15785
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.2





#25

2-Butanone

Concen: 1.019 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX027232.D

Acq: 28 Feb 2022 19:57

Instrument :

MSVOA_X

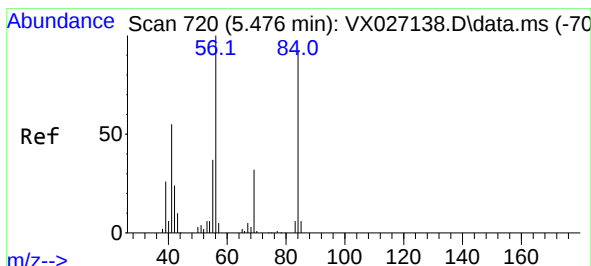
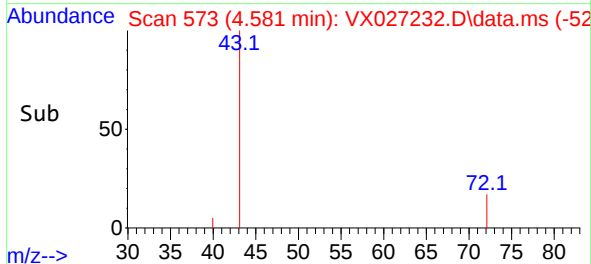
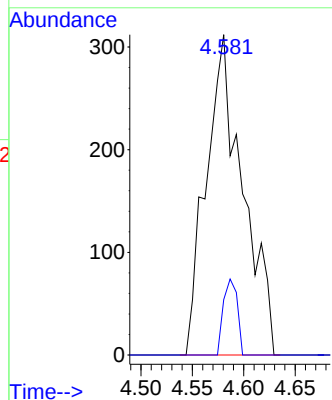
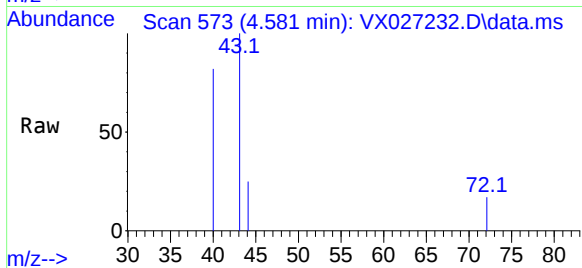
ClientSampleId :

Tgt Ion: 43 Resp: 774

Ion Ratio Lower Upper

43 100

72 17.3 20.4 30.6#



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX027232.D

Acq: 28 Feb 2022 19:57

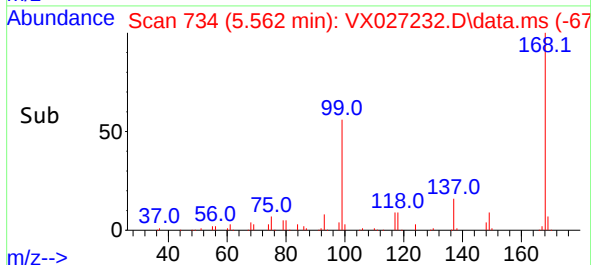
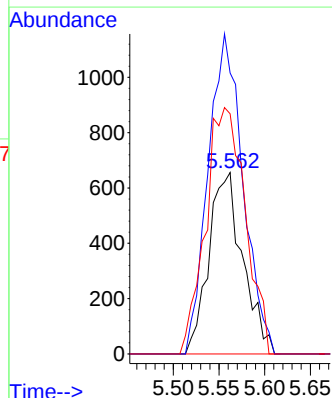
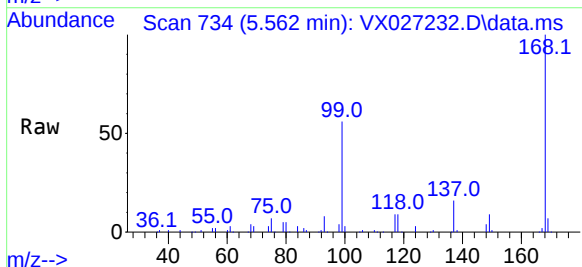
Tgt Ion: 56 Resp: 1695

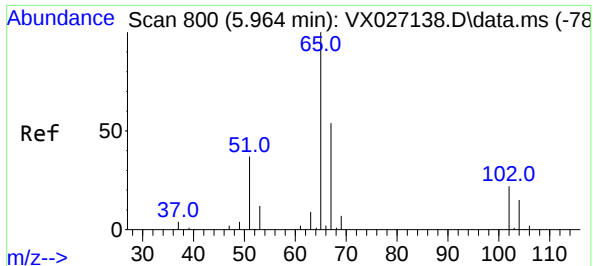
Ion Ratio Lower Upper

56 100

69 154.9 25.8 38.6#

84 132.3 68.9 103.3#

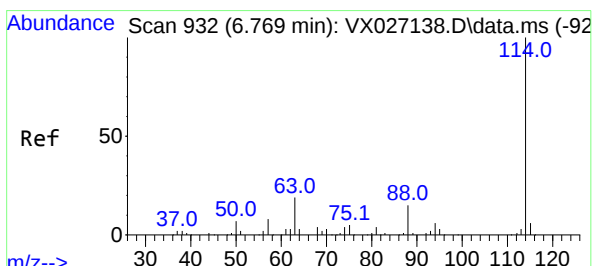
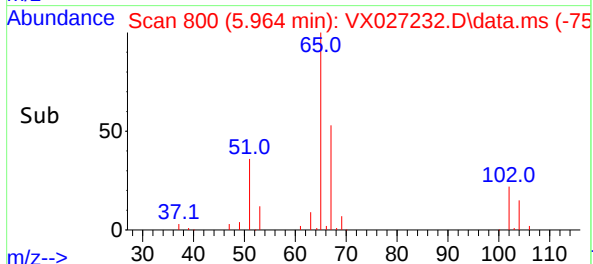
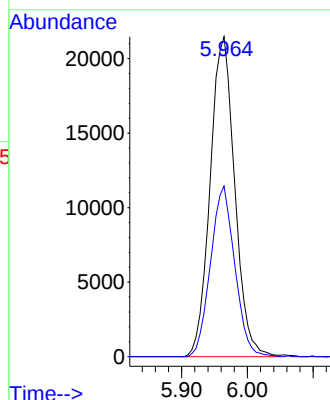
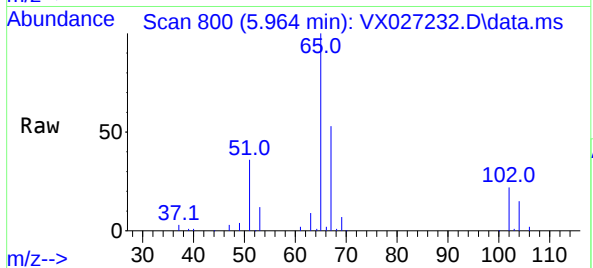




#33
1,2-Dichloroethane-d4
Concen: 51.472 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

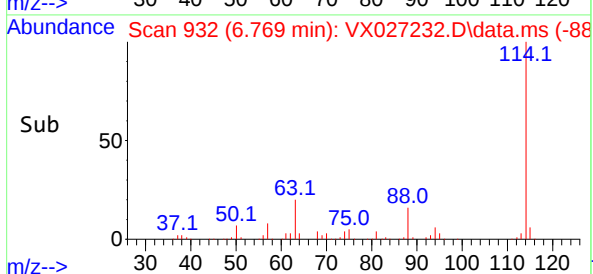
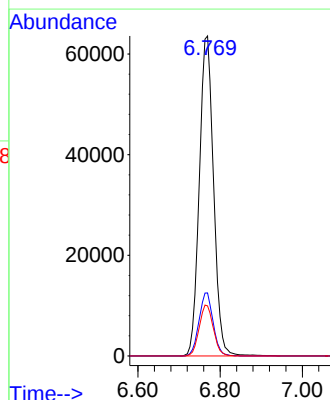
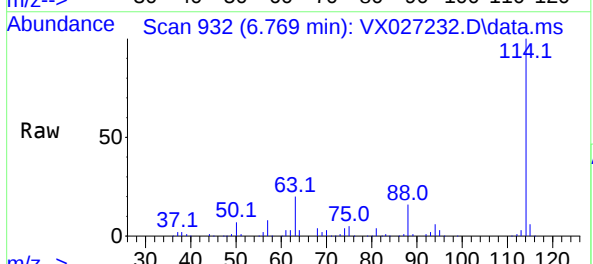
Instrument :
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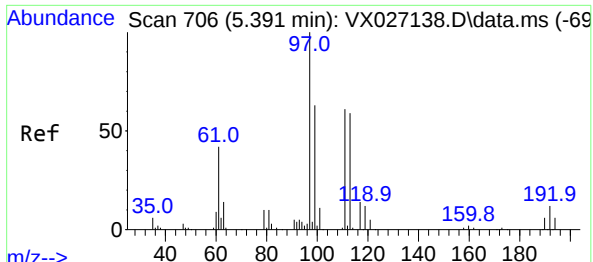
Tgt Ion: 65 Resp: 55915
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

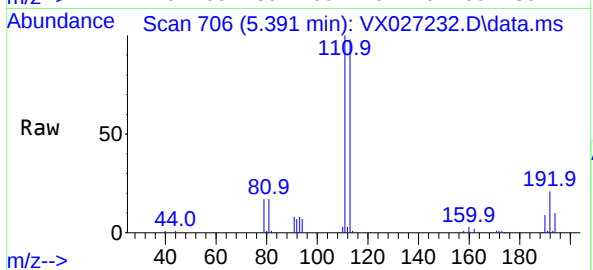
Tgt Ion: 114 Resp: 152941
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.8
88 15.6 0.0 33.0



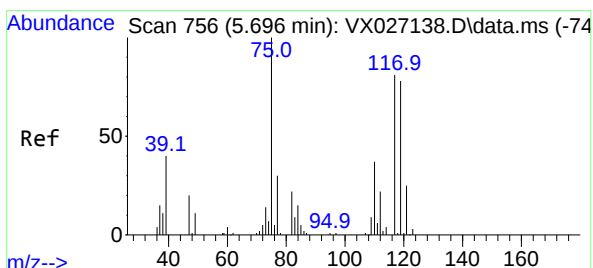
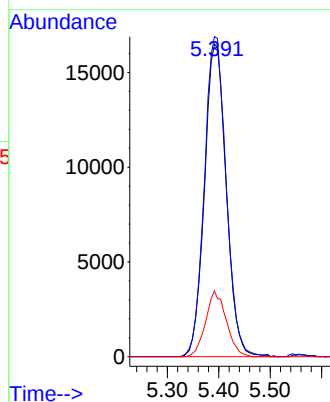
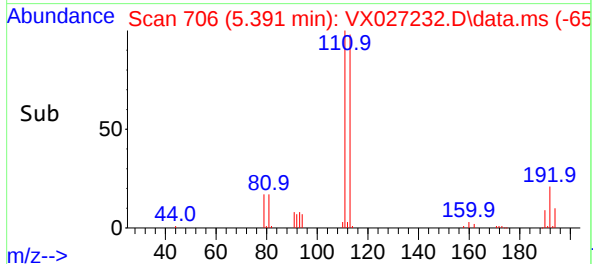


#35
Dibromofluoromethane
Concen: 51.089 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

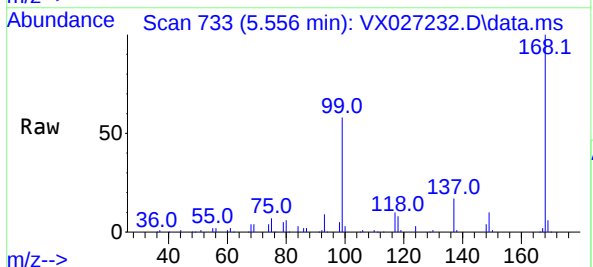
Instrument :
MSVOA_X
ClientSampleId :



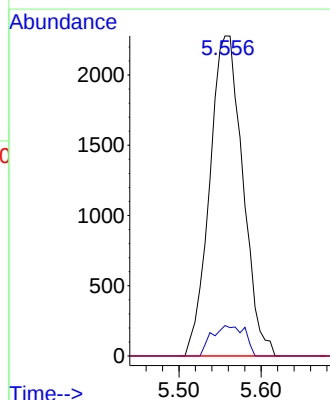
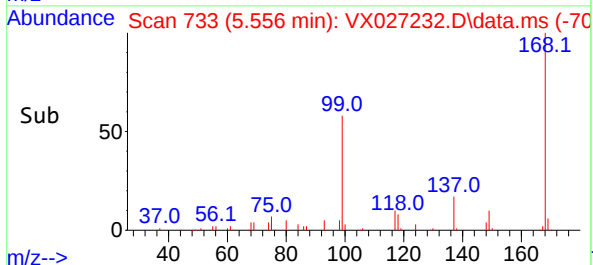
Tgt Ion:113 Resp: 48500
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.9 15.0 22.4

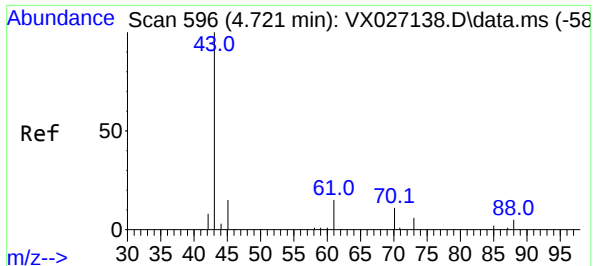


#36
1,1-Dichloropropene
Concen: 4.603 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57



Tgt Ion: 75 Resp: 6378
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.509 ug/l

RT: 4.581 min Scan# 51

Delta R.T. -0.140 min

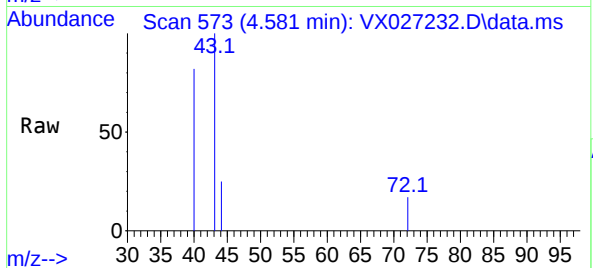
Lab File: VX027232.D

Acq: 28 Feb 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :



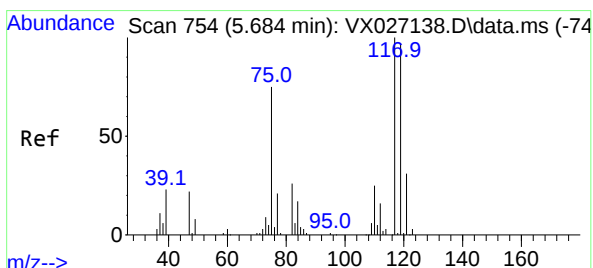
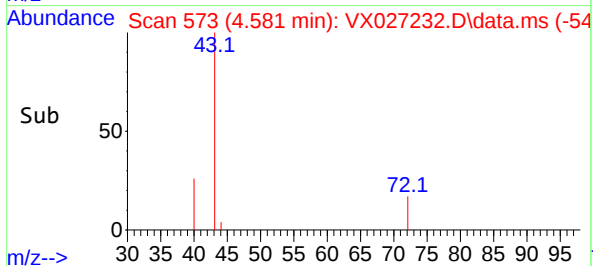
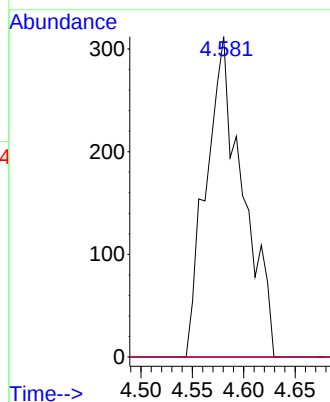
Tgt Ion: 43 Resp: 774

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.163 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027232.D

Acq: 28 Feb 2022 19:57

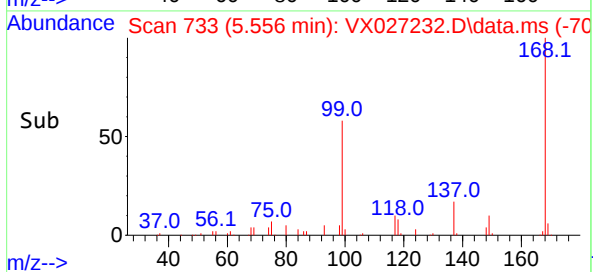
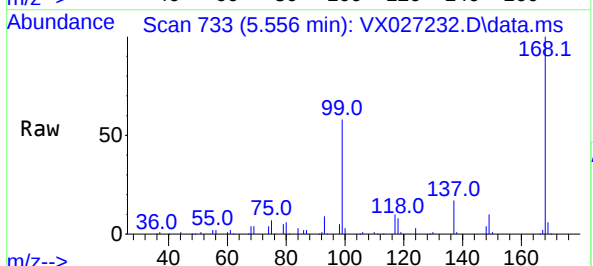
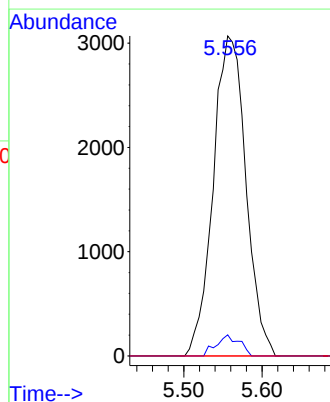
Tgt Ion: 117 Resp: 8906

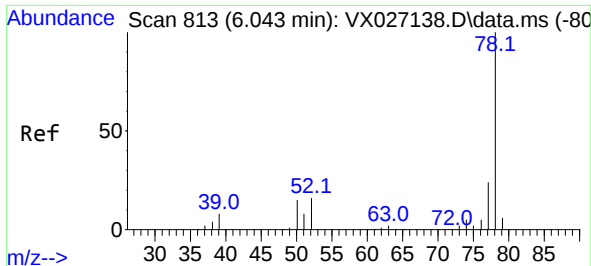
Ion Ratio Lower Upper

117 100

119 6.6 74.7 112.1#

121 0.0 25.4 38.0#

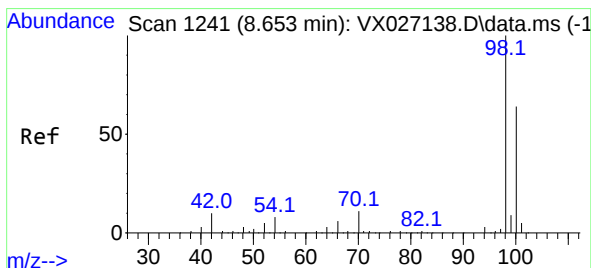
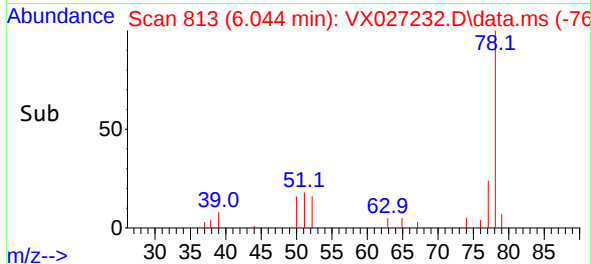
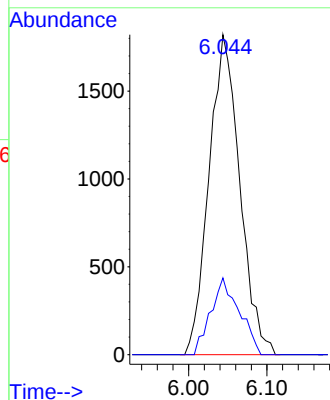
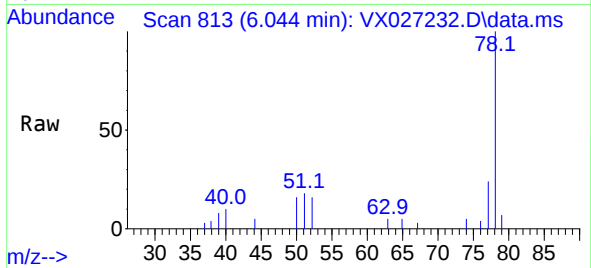




#40
Benzene
Concen: 1.225 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

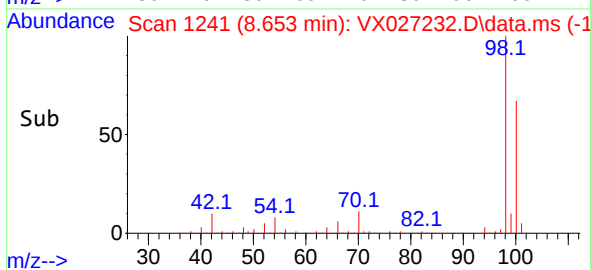
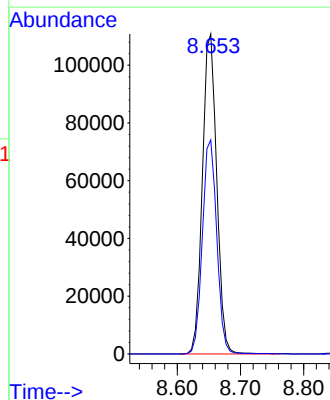
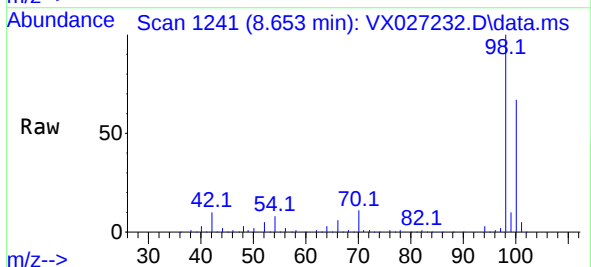
Instrument :
MSVOA_X
ClientSampleId :

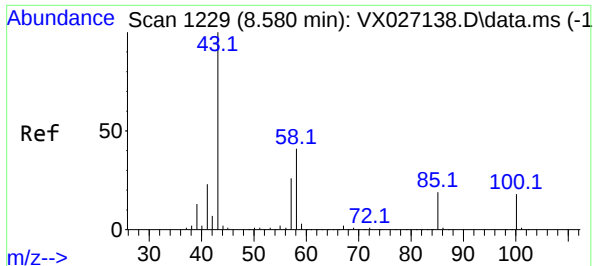
Tgt Ion: 78 Resp: 4965
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



#50
Toluene-d8
Concen: 49.331 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Tgt Ion: 98 Resp: 175107
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.424 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX027232.D

Acq: 28 Feb 2022 19:57

Instrument :

MSVOA_X

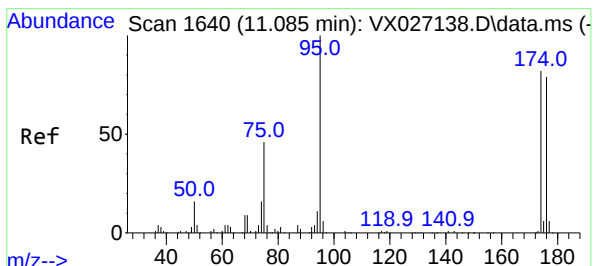
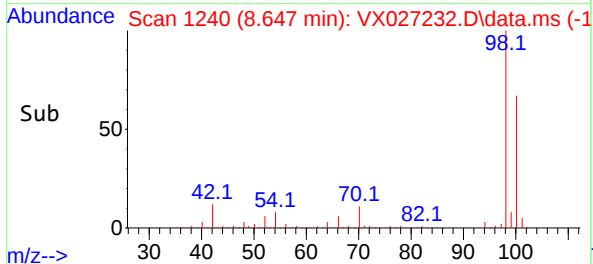
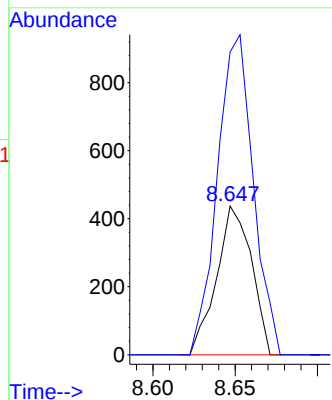
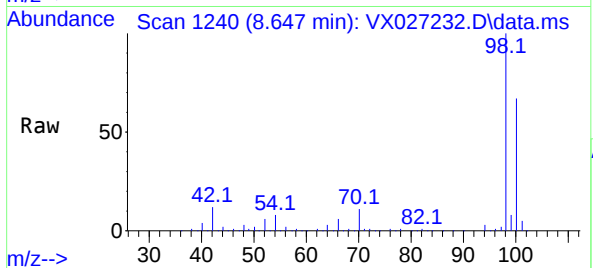
ClientSampleId :

Tgt Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

58 221.2 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 48.653 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027232.D

Acq: 28 Feb 2022 19:57

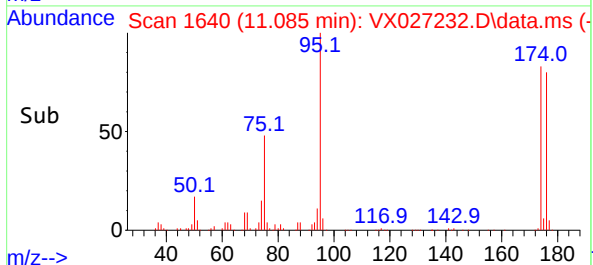
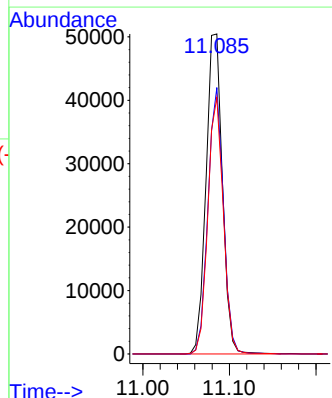
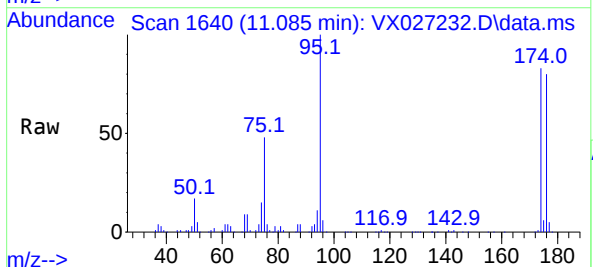
Tgt Ion: 95 Resp: 66292

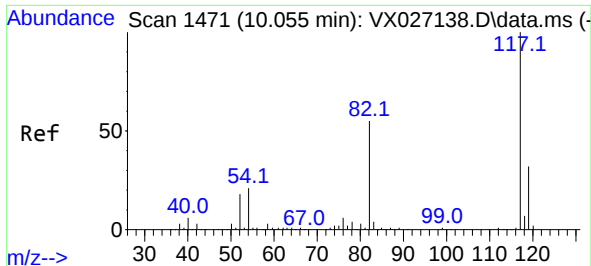
Ion Ratio Lower Upper

95 100

174 78.6 0.0 148.6

176 75.8 0.0 141.4

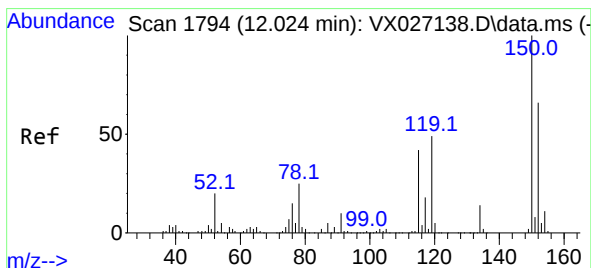
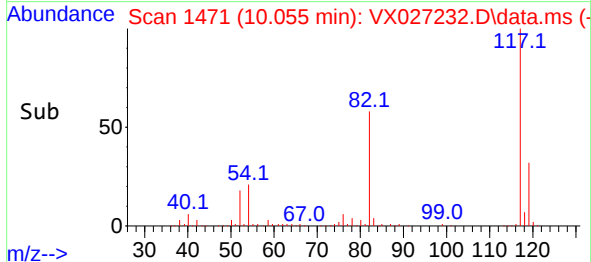
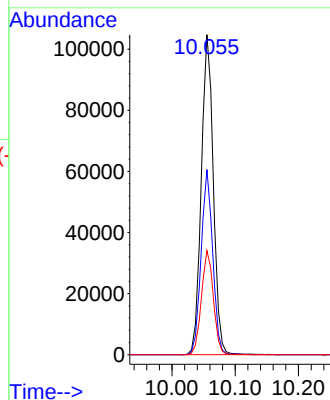
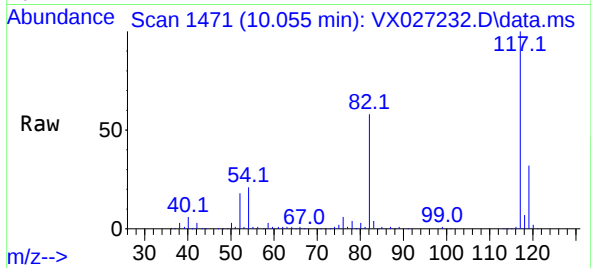




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

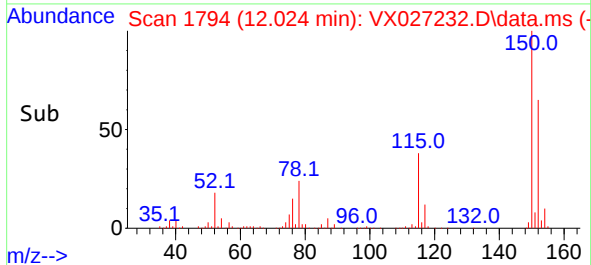
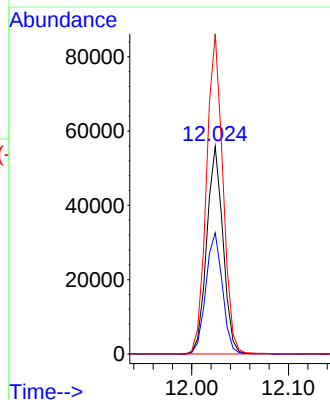
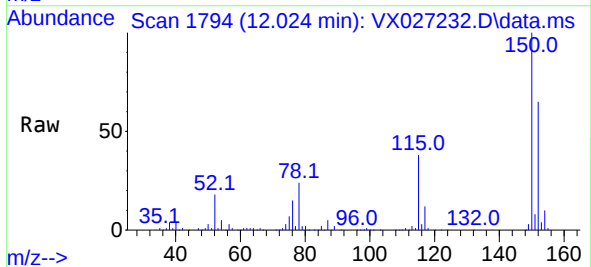
Instrument :
MSVOA_X
ClientSampleId :

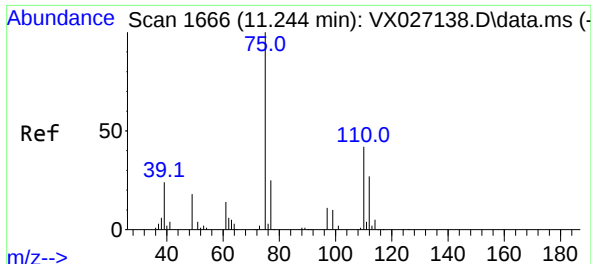
Tgt Ion:117 Resp: 138839
Ion Ratio Lower Upper
117 100
82 57.9 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Tgt Ion:152 Resp: 65413
Ion Ratio Lower Upper
152 100
115 59.6 44.2 132.6
150 155.8 0.0 348.2

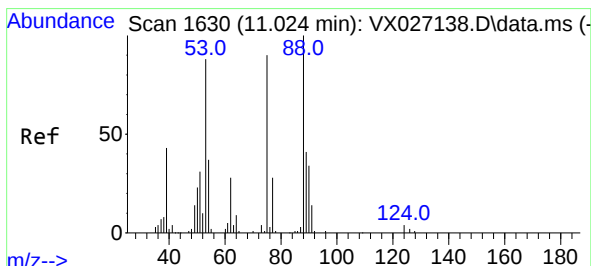
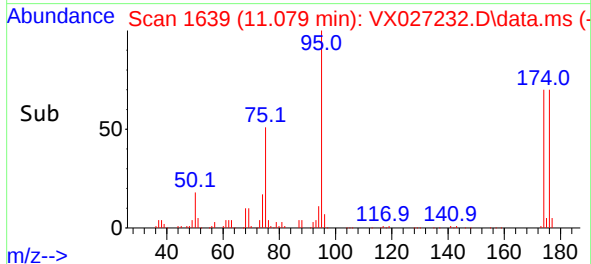
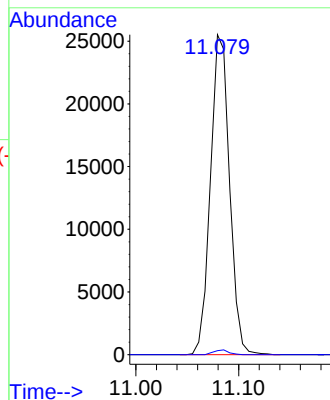
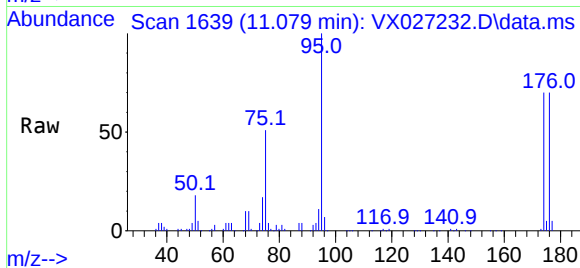




#76
1,2,3-Trichloropropane
Concen: 25.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32962
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027232.D
Acq: 28 Feb 2022 19:57

Tgt Ion: 75 Resp: 32962
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

