

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027255.D
 Acq On : 01 Mar 2022 17:50
 Operator : JC/MD
 Sample : N1688-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 02 00:36:57 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)

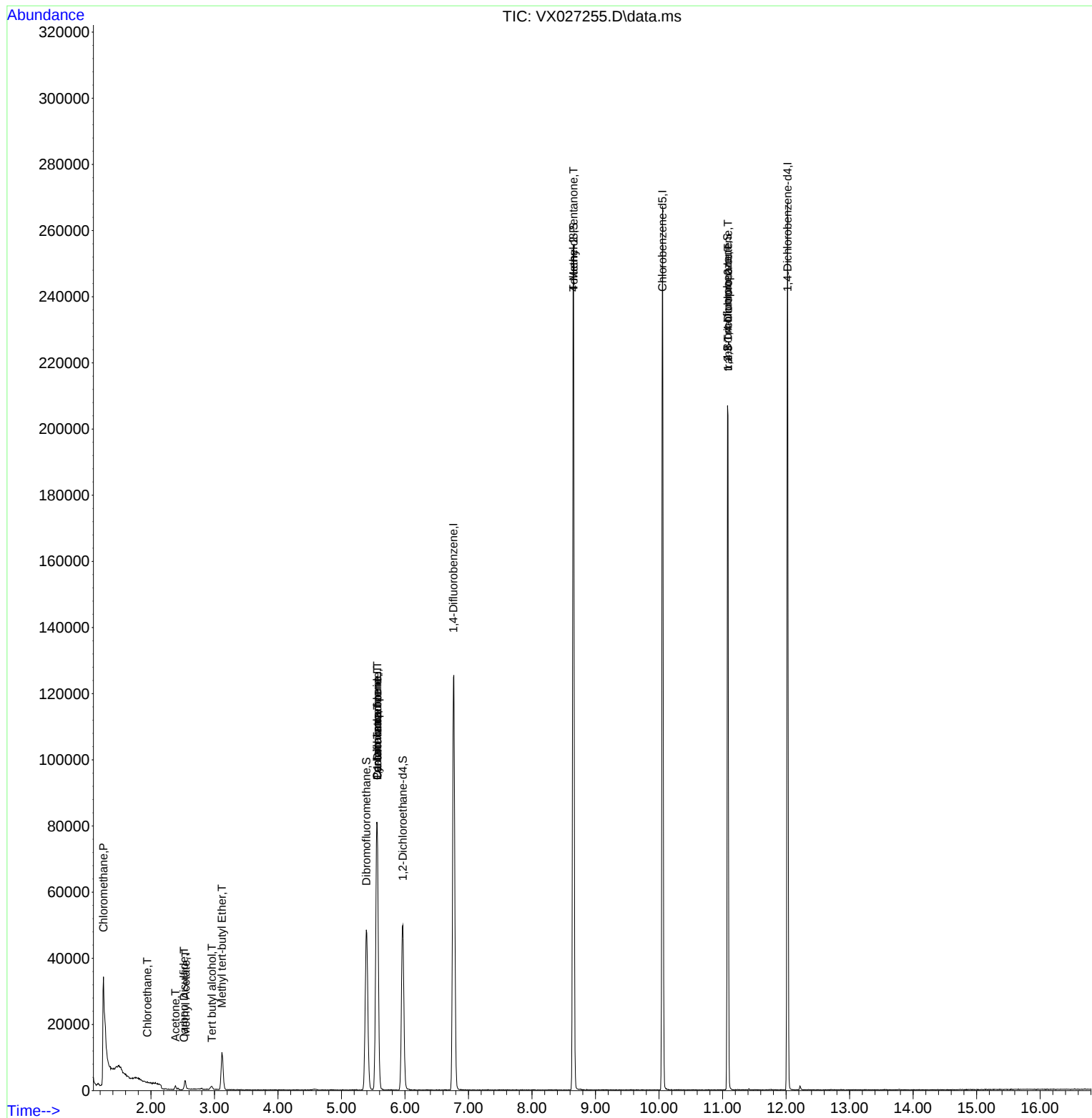
Internal Standards						
1) Pentafluorobenzene	5.562	168	81450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49164	50.259	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.520%	
35) Dibromofluoromethane	5.391	113	42953	51.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.800%	
50) Toluene-d8	8.653	98	154276	49.376	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	11.079	95	57489	47.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	1590	2.101	ug/l #	42
5) Bromomethane	1.618	94	80	Below Cal	#	2
6) Chloroethane	1.941	64	247	0.534	ug/l	92
11) Tert butyl alcohol	2.959	59	851	4.471	ug/l #	75
16) Acetone	2.386	43	1202	2.799	ug/l #	81
17) Carbon Disulfide	2.520	76	916	0.444	ug/l #	74
18) Methyl Acetate	2.544	43	741	0.668	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	12512	4.599	ug/l	97
31) Cyclohexane	5.562	56	1494	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5664	4.644	ug/l #	50
38) Carbon Tetrachloride	5.562	117	7912	6.220	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	621	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	28857	25.625	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	28857	72.448	ug/l #	3

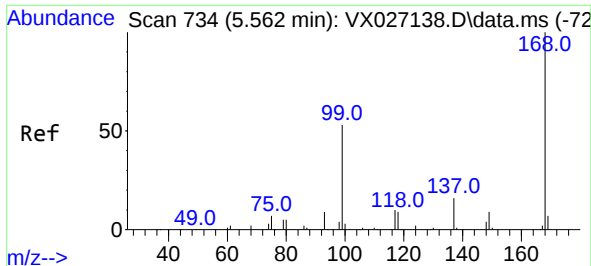
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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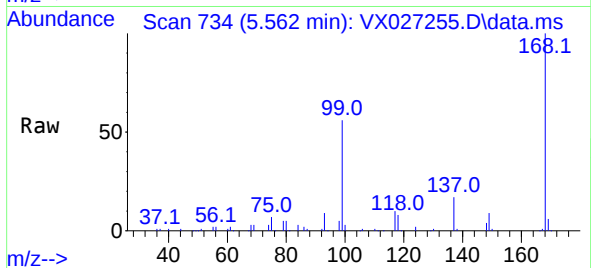
Quant Time: Mar 02 00:36:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
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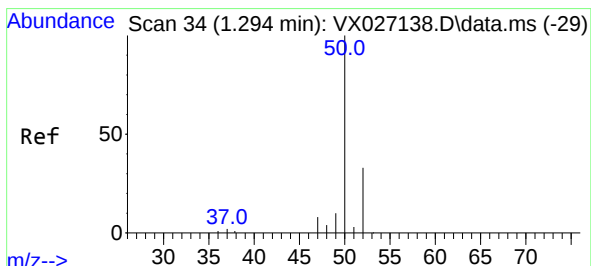
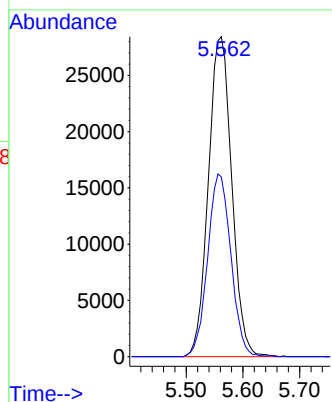


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :

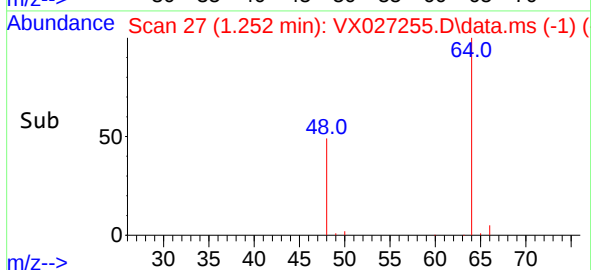
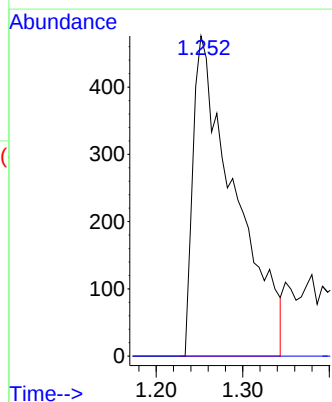
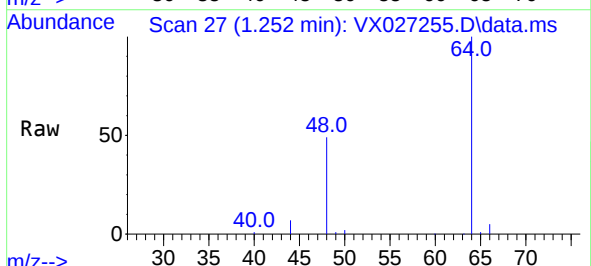


Tgt Ion:168 Resp: 81450
Ion Ratio Lower Upper
168 100
99 56.2 50.3 75.5

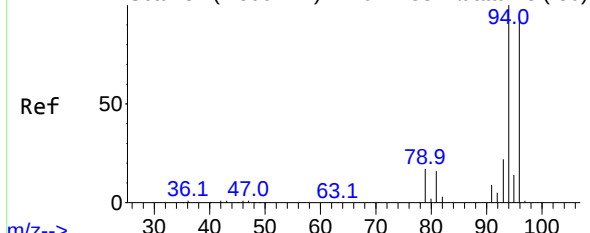


#3
Chloromethane
Concen: 2.101 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Tgt Ion: 50 Resp: 1590
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: VX027255.D

Acq: 01 Mar 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

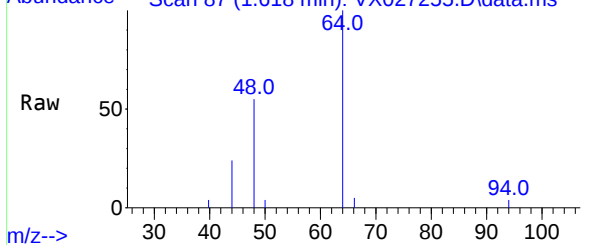
Tgt Ion: 94 Resp: 80

Ion Ratio Lower Upper

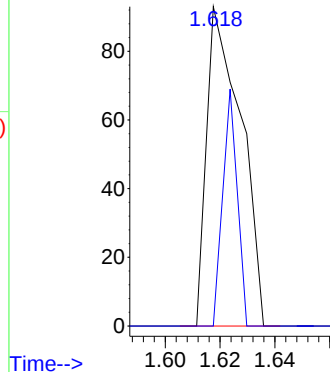
94 100

96 0.0 75.9 113.9#

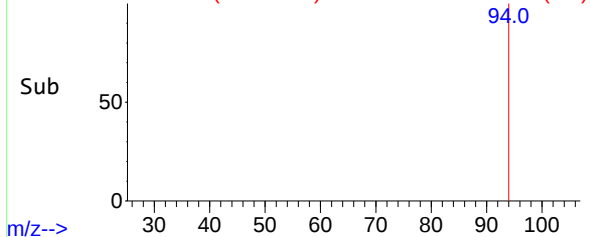
Abundance Scan 87 (1.618 min): VX027255.D\data.ms



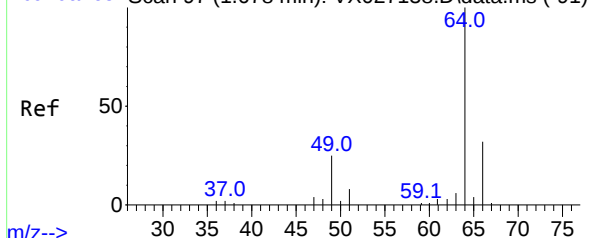
Abundance



Abundance Scan 87 (1.618 min): VX027255.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6

Chloroethane

Concen: 0.534 ug/l

RT: 1.941 min Scan# 140

Delta R.T. 0.263 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

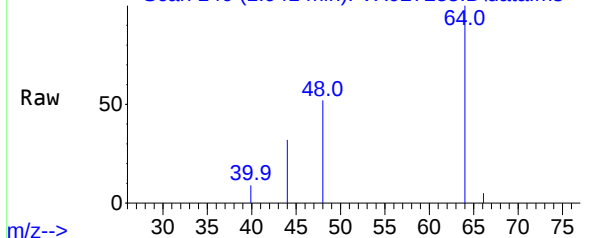
Tgt Ion: 64 Resp: 247

Ion Ratio Lower Upper

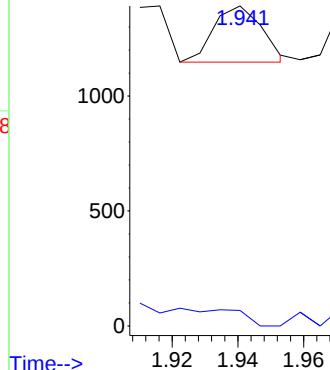
64 100

66 27.5 25.4 38.2

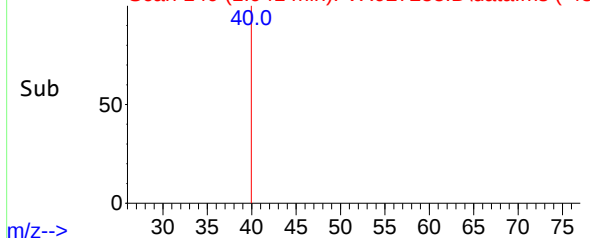
Abundance Scan 140 (1.941 min): VX027255.D\data.ms

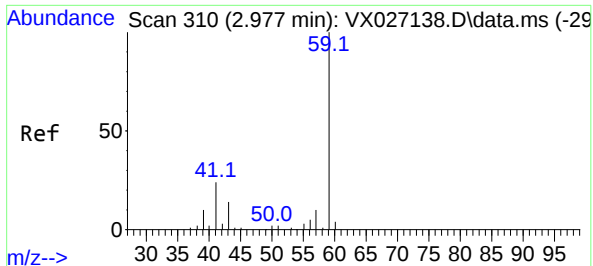


Abundance



Abundance Scan 140 (1.941 min): VX027255.D\data.ms (-48)

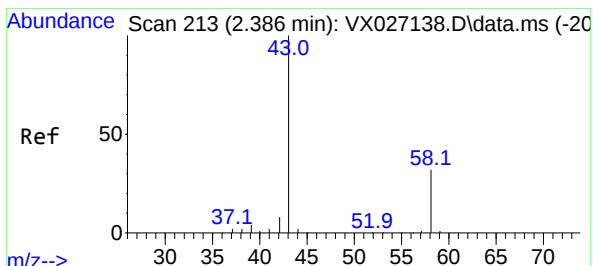
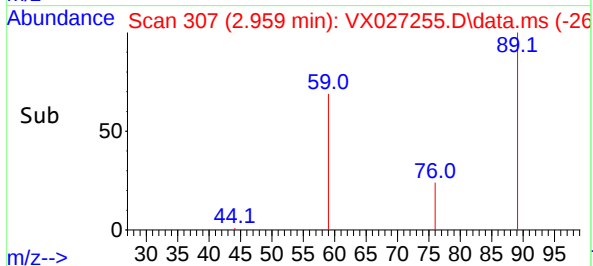
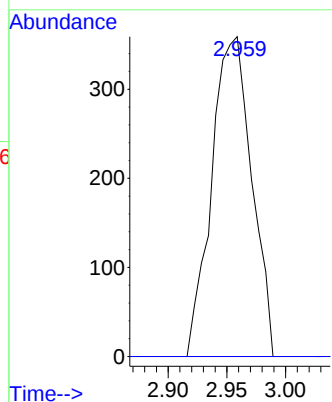
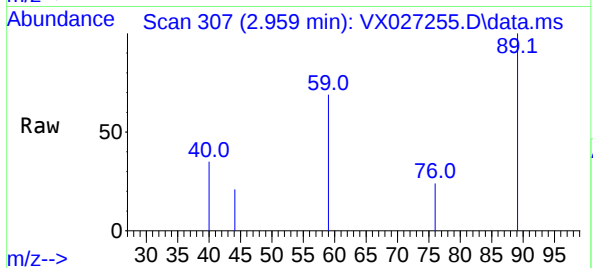




#11
Tert butyl alcohol
Concen: 4.471 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

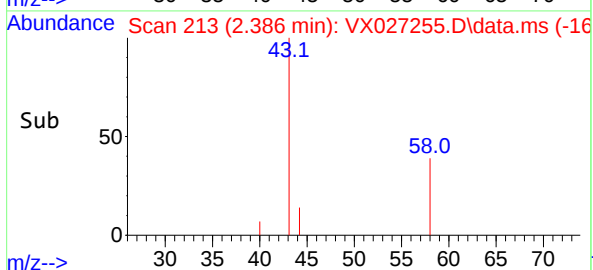
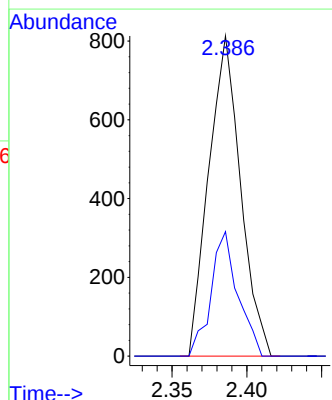
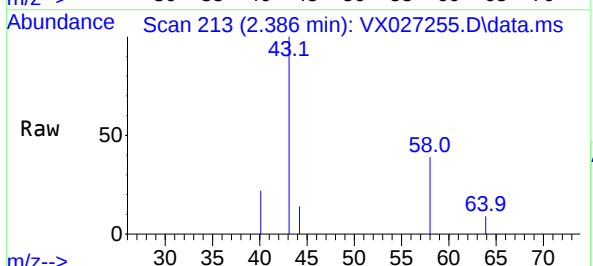
Instrument :
MSVOA_X
ClientSampleId :

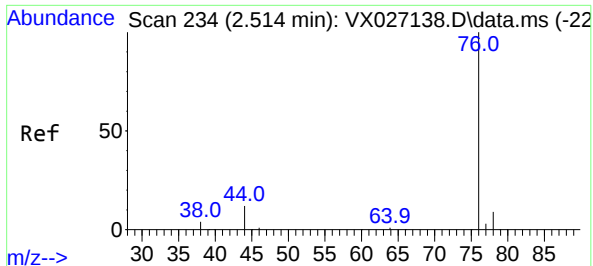
Tgt Ion: 59 Resp: 851
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 2.799 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 38.9 23.0 34.6#

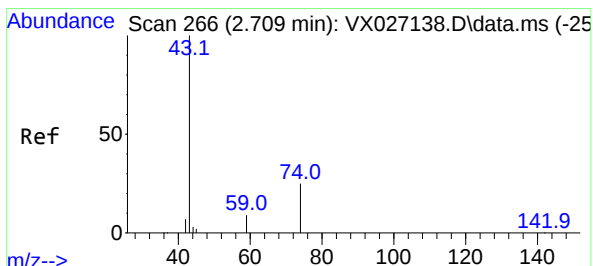
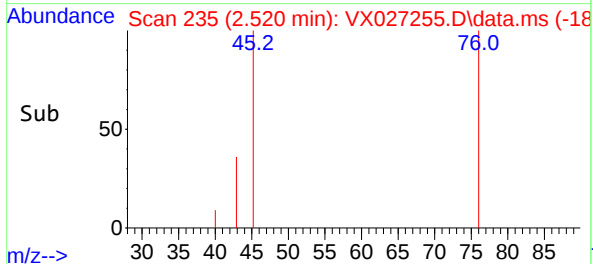
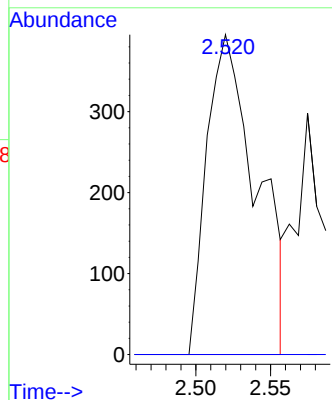
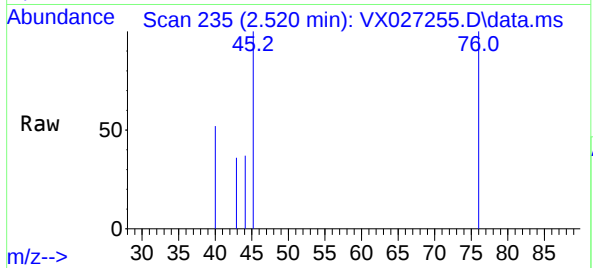




#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 2.520 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

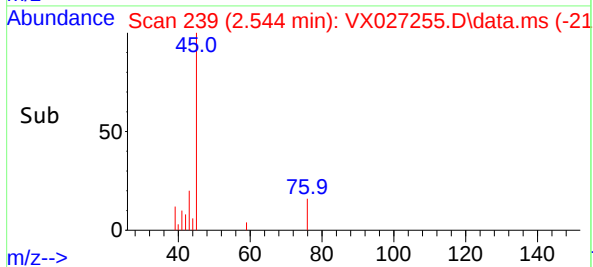
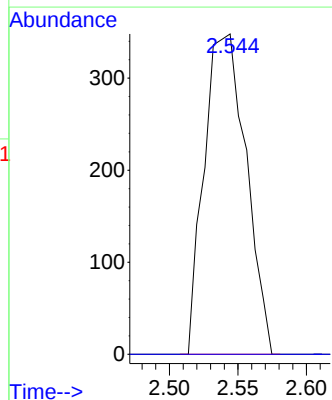
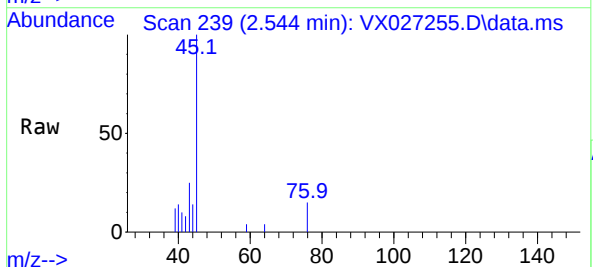
Instrument :
MSVOA_X
ClientSampleId :

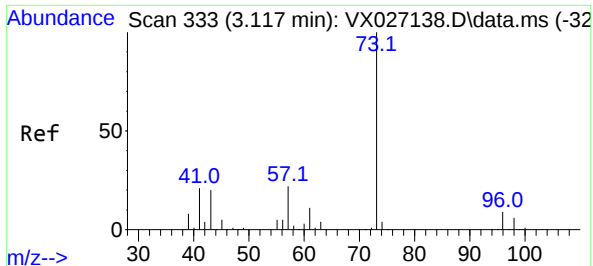
Tgt Ion: 76 Resp: 916
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 0.668 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#19

Methyl tert-butyl Ether

Concen: 4.599 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

Instrument :

MSVOA_X

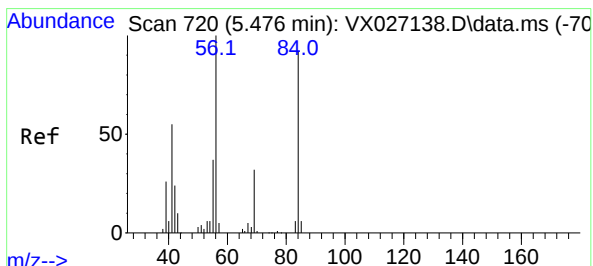
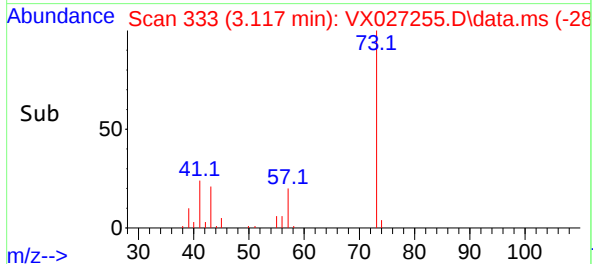
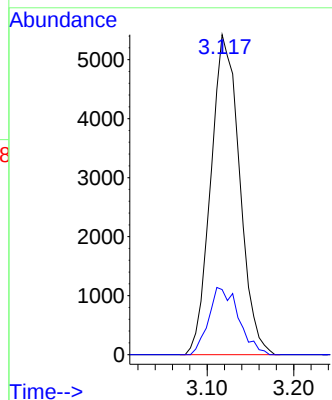
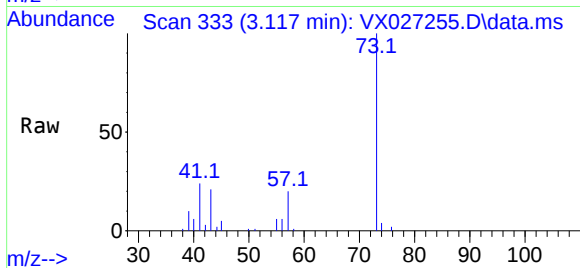
ClientSampleId :

Tgt Ion: 73 Resp: 12512

Ion Ratio Lower Upper

73 100

57 20.3 17.4 26.2



#31

Cyclohexane

Concen: 1.020 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

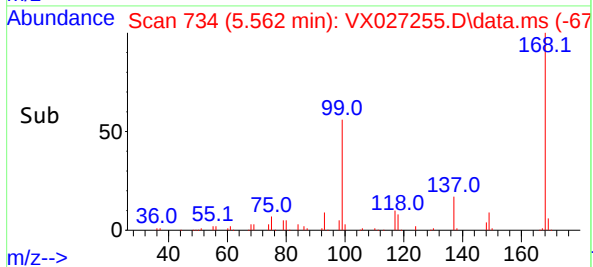
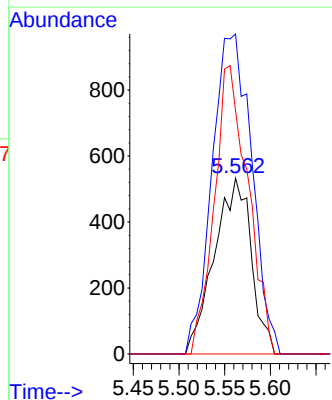
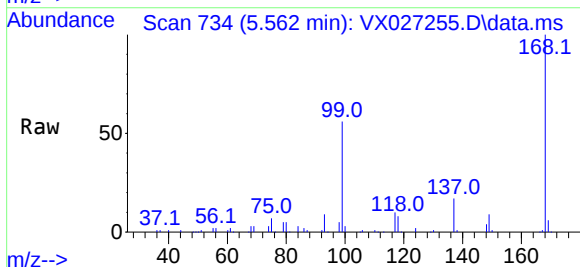
Tgt Ion: 56 Resp: 1494

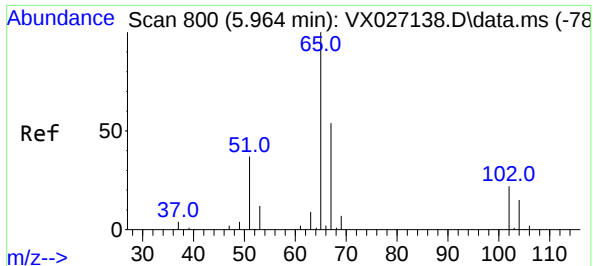
Ion Ratio Lower Upper

56 100

69 182.0 25.8 38.6#

84 138.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.259 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

Instrument :

MSVOA_X

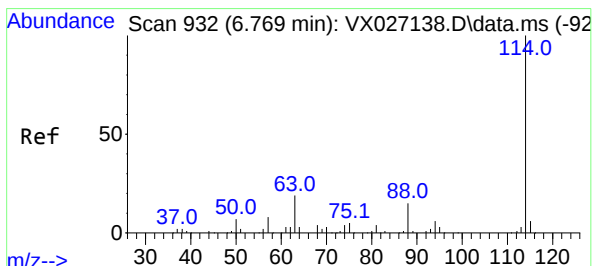
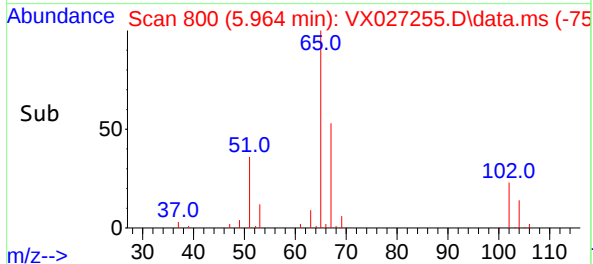
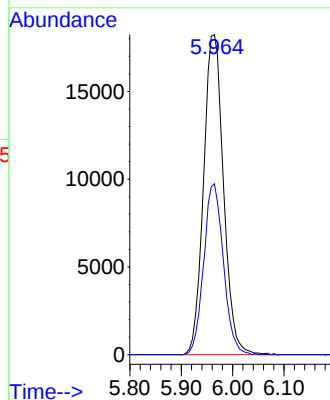
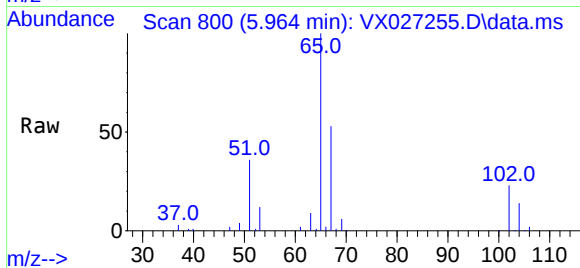
ClientSampleId :

Tgt Ion: 65 Resp: 49164

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

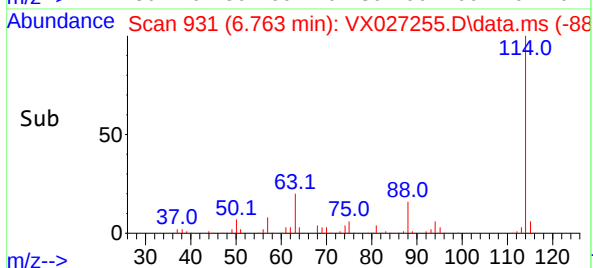
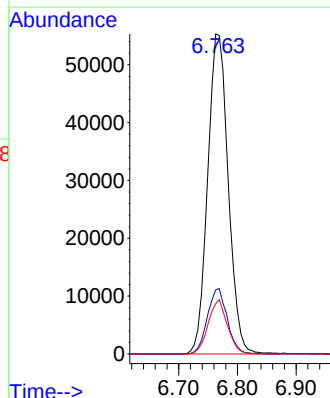
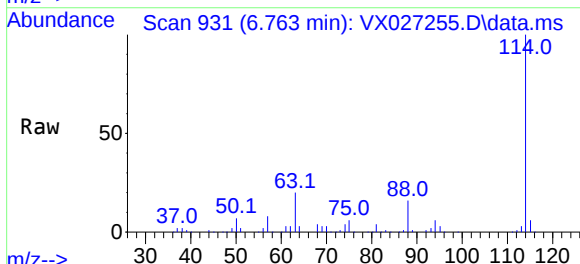
Tgt Ion: 114 Resp: 134623

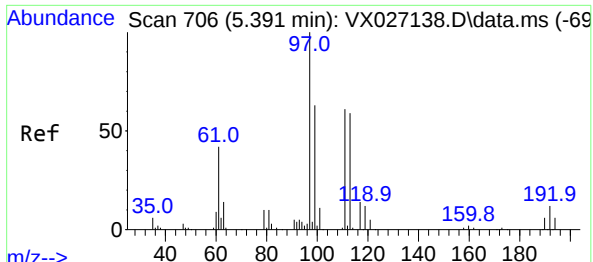
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.402 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

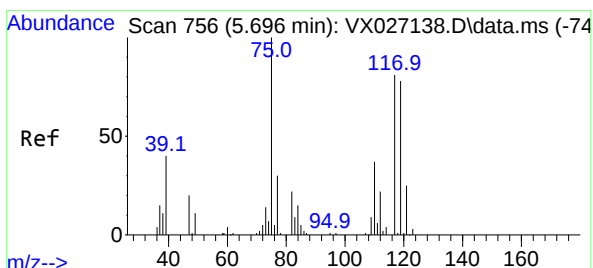
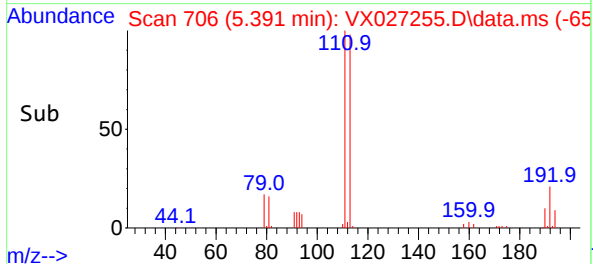
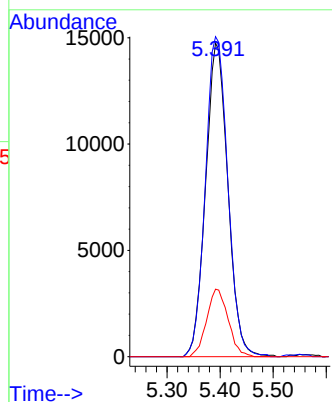
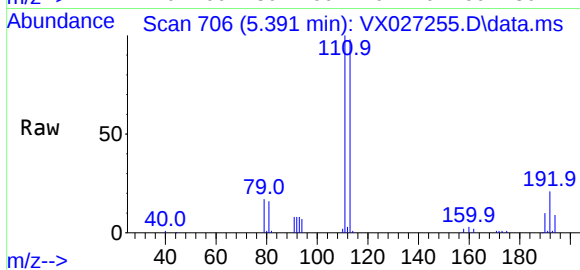
Tgt Ion:113 Resp: 42953

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 20.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.644 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

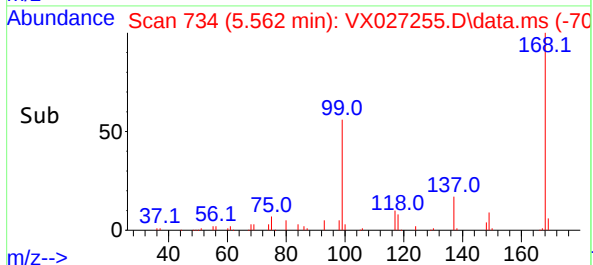
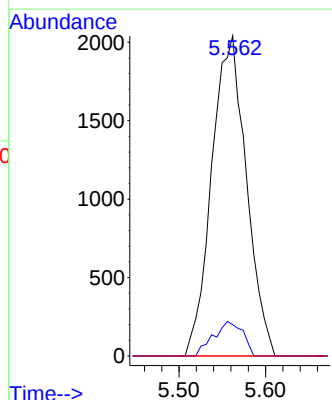
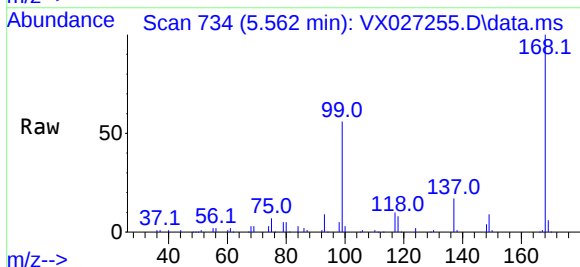
Tgt Ion: 75 Resp: 5664

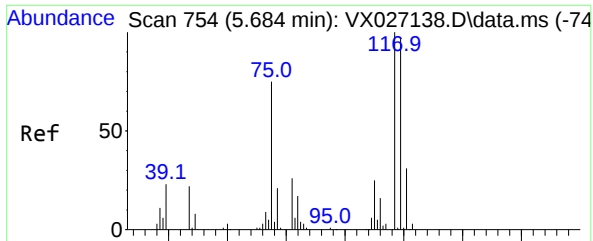
Ion Ratio Lower Upper

75 100

110 9.1 17.2 51.6#

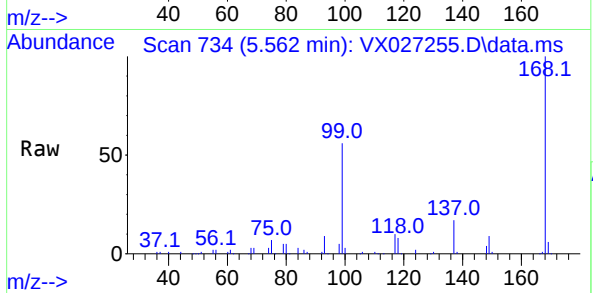
77 0.0 24.6 36.8#



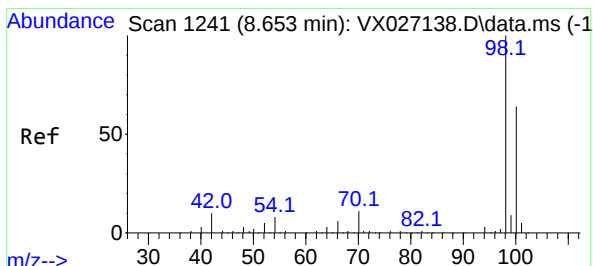
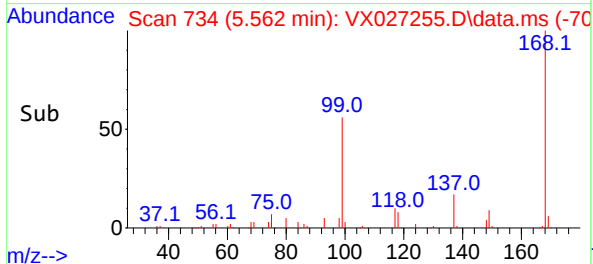
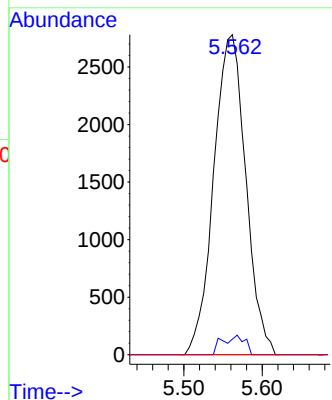


#38
Carbon Tetrachloride
Concen: 6.220 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :

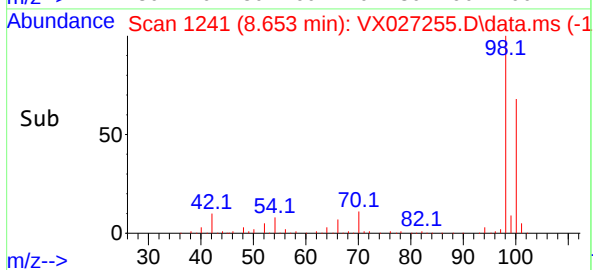
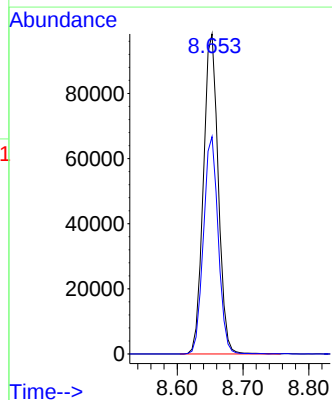
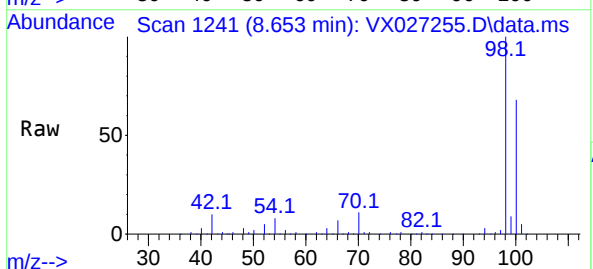


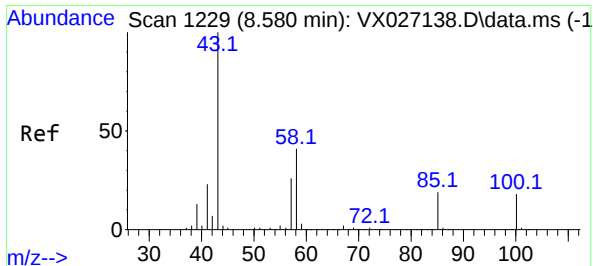
Tgt Ion:117 Resp: 7912
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.376 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Tgt Ion: 98 Resp: 154276
Ion Ratio Lower Upper
98 100
100 67.4 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.464 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

Instrument :

MSVOA_X

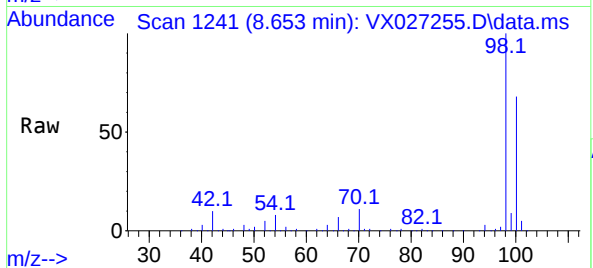
ClientSampleId :

Tgt Ion: 43 Resp: 621

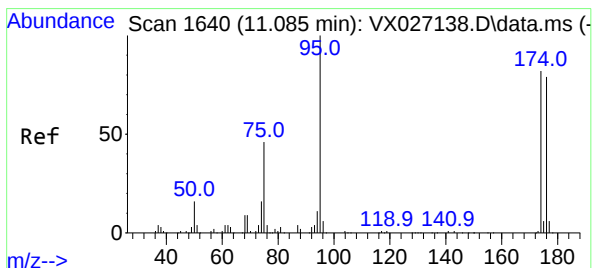
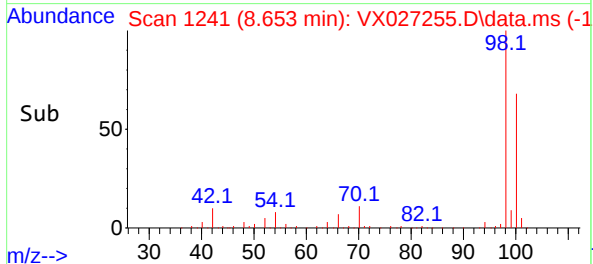
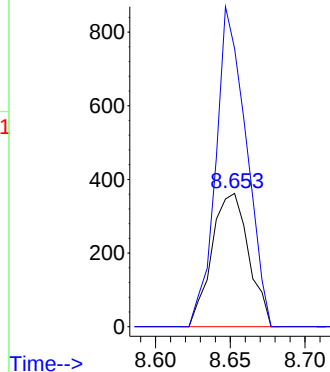
Ion Ratio Lower Upper

43 100

58 198.4 30.5 45.7#



Abundance



#62

4-Bromofluorobenzene

Concen: 47.934 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027255.D

Acq: 01 Mar 2022 17:50

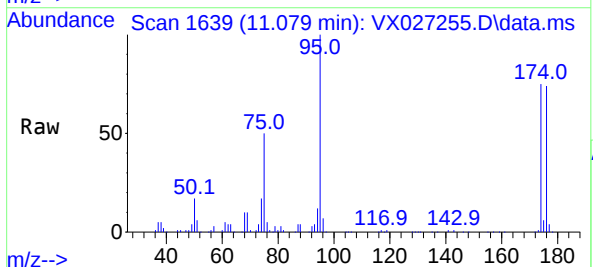
Tgt Ion: 95 Resp: 57489

Ion Ratio Lower Upper

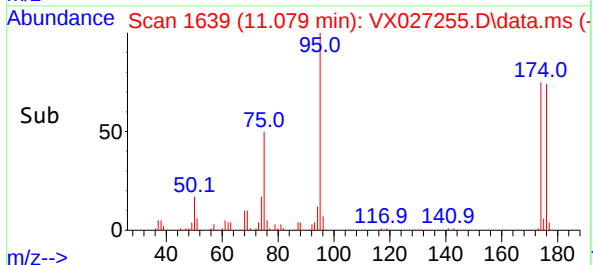
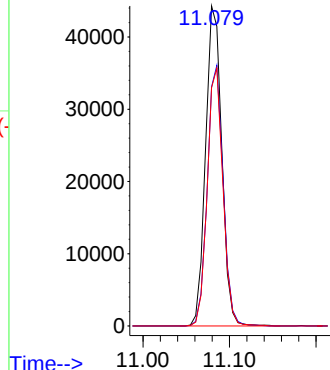
95 100

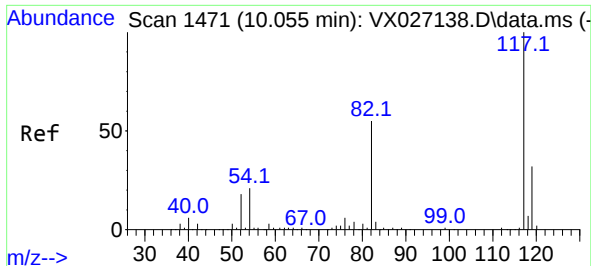
174 79.6 0.0 148.6

176 78.0 0.0 141.4



Abundance

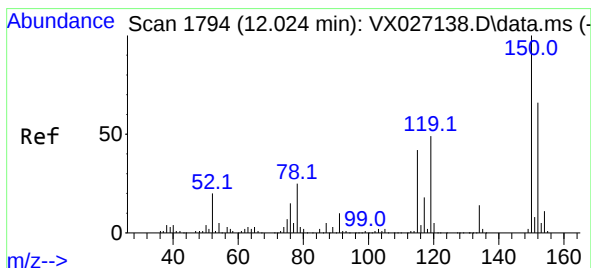
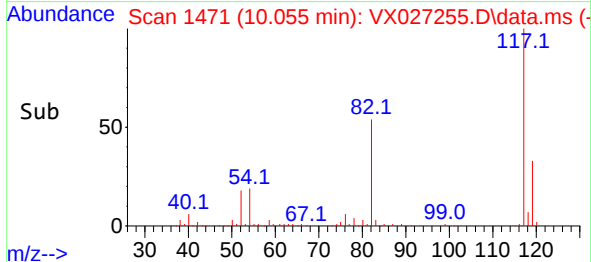
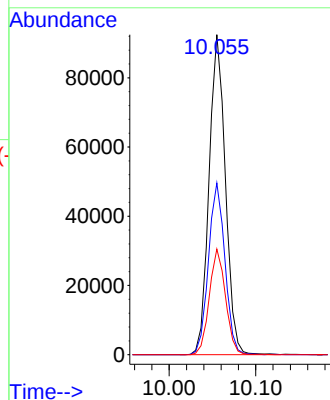
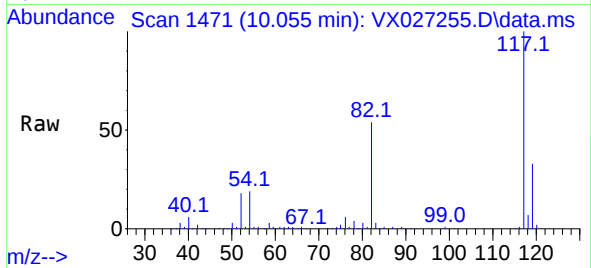




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

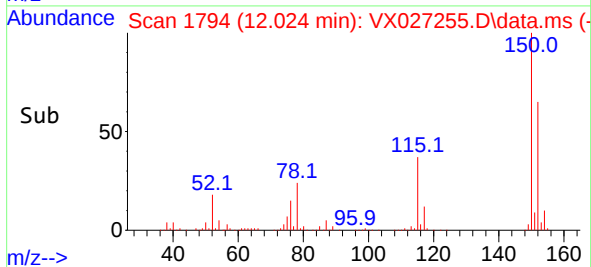
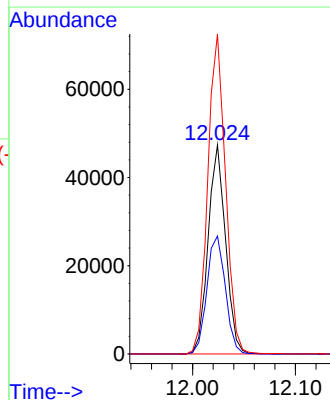
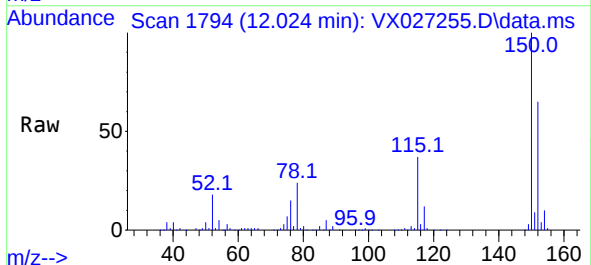
Instrument :
MSVOA_X
ClientSampleId :

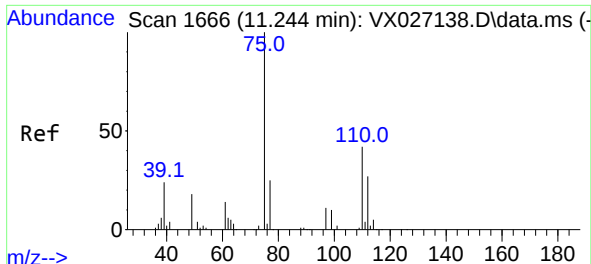
Tgt Ion:117 Resp: 121156
Ion Ratio Lower Upper
117 100
82 53.7 45.2 67.8
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Tgt Ion:152 Resp: 55909
Ion Ratio Lower Upper
152 100
115 59.8 44.2 132.6
150 155.6 0.0 348.2

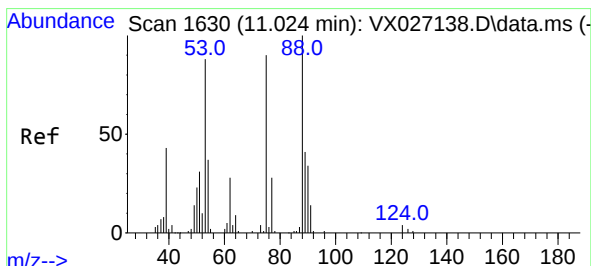
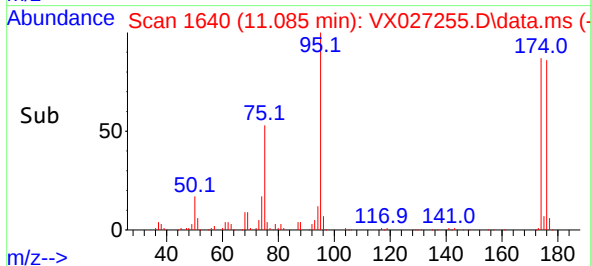
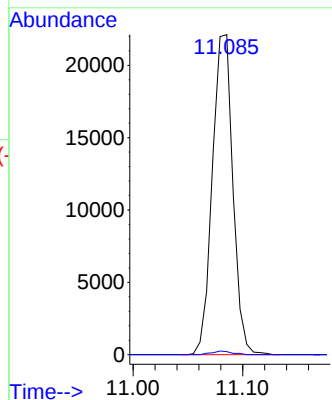
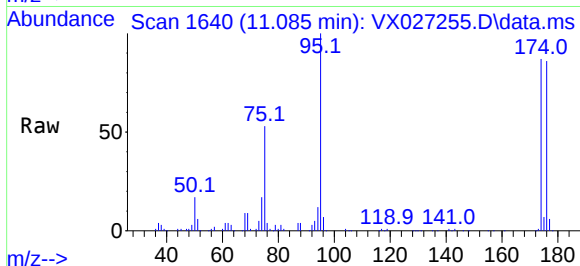




#76
1,2,3-Trichloropropane
Concen: 25.625 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 28857
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.448 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX027255.D
Acq: 01 Mar 2022 17:50

Tgt Ion: 75 Resp: 28857
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

