

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027303.D
 Acq On : 04 Mar 2022 15:54
 Operator : JC/MD
 Sample : N1793-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4

Quant Time: Mar 05 00:44:51 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)

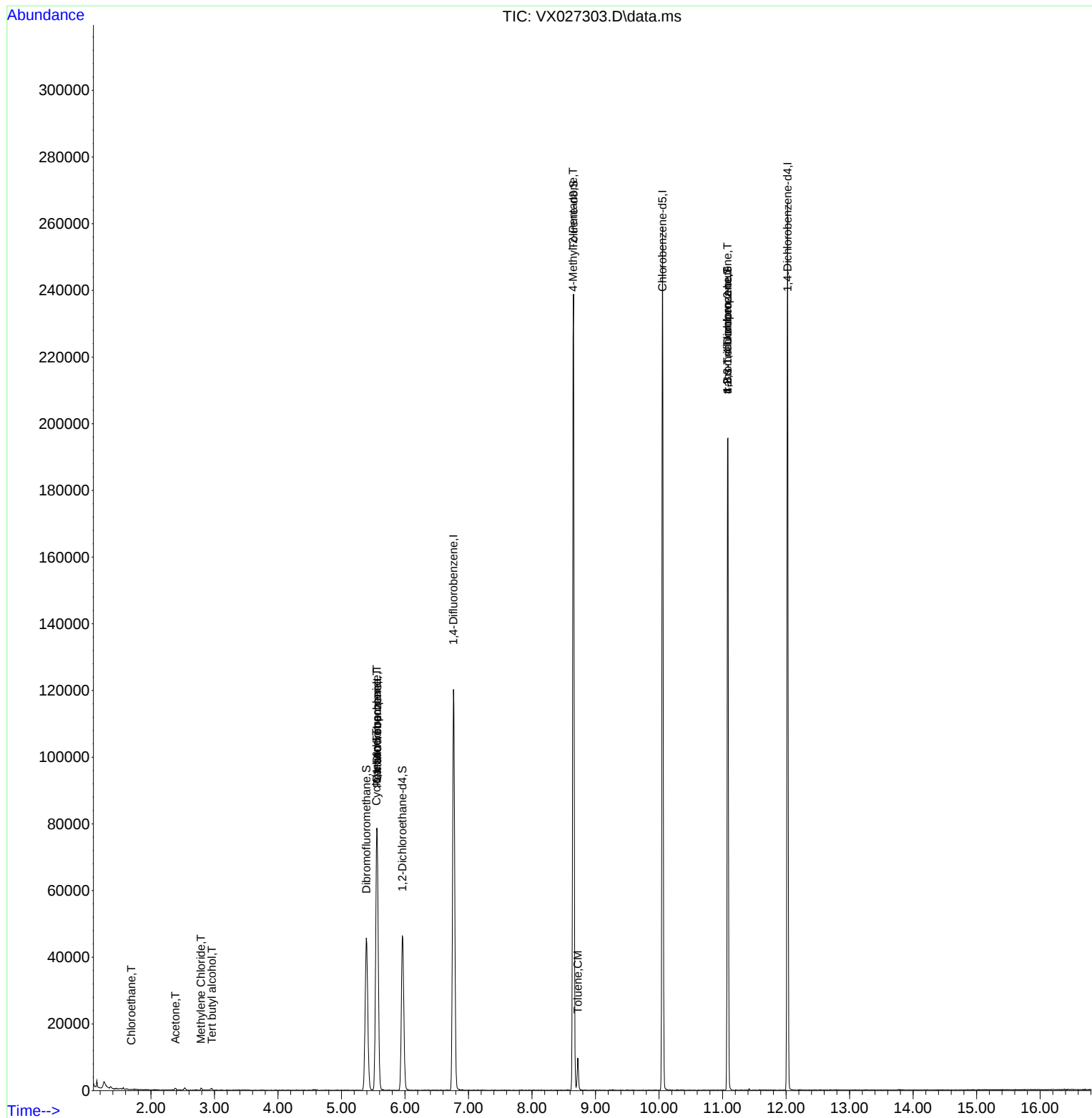
Internal Standards						
1) Pentafluorobenzene	5.562	168	78016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46566	49.698	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.400%		
35) Dibromofluoromethane	5.391	113	39666	50.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.640%		
50) Toluene-d8	8.653	98	143955	48.843	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	54544	48.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	120	Below Cal	#	56
6) Chloroethane	1.691	64	100	0.226	ug/l #	43
11) Tert butyl alcohol	2.959	59	262	1.437	ug/l #	75
16) Acetone	2.386	43	648	1.575	ug/l	94
20) Methylene Chloride	2.788	84	285	0.334	ug/l #	87
31) Cyclohexane	5.550	56	1325	0.944	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	5488	4.771	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7658	6.383	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	537	0.425	ug/l #	1
52) Toluene	8.720	92	3559	1.652	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	26788	24.327	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	26788	69.033	ug/l #	3

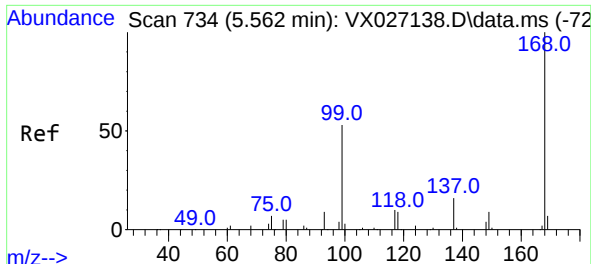
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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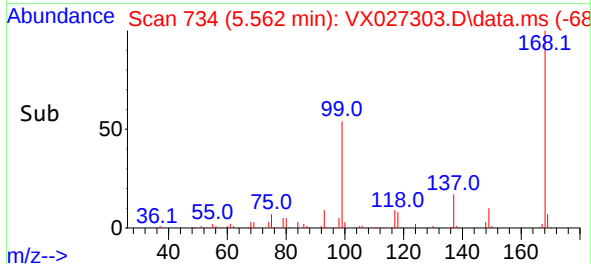
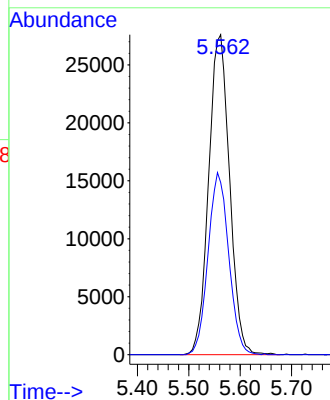
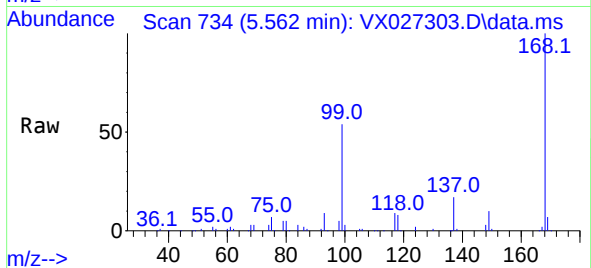




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

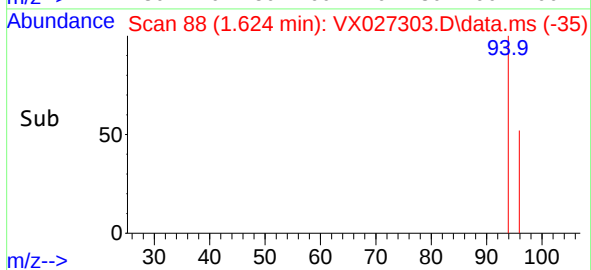
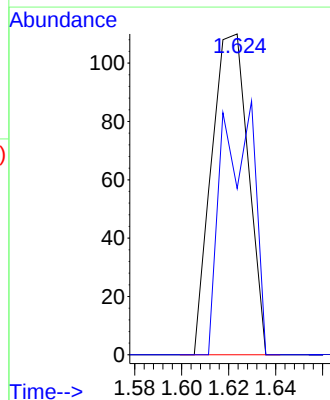
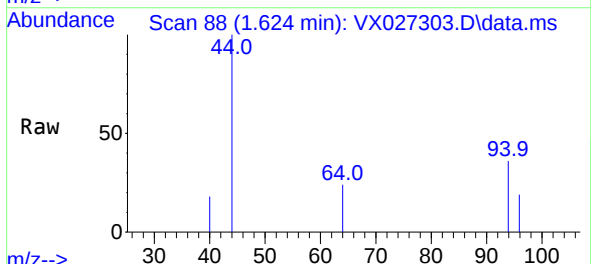
Instrument :
MSVOA_X
ClientSampleId :
SB-4

Tgt Ion:168 Resp: 78016
Ion Ratio Lower Upper
168 100
99 53.8 50.3 75.5

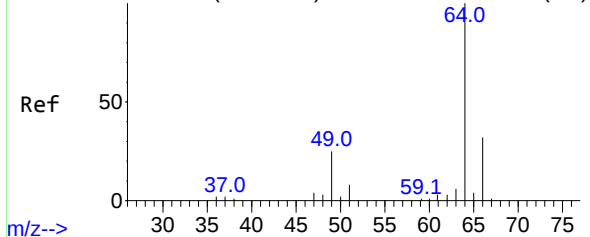


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

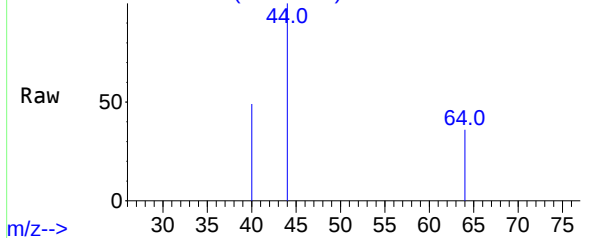
Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 51.8 75.9 113.9#



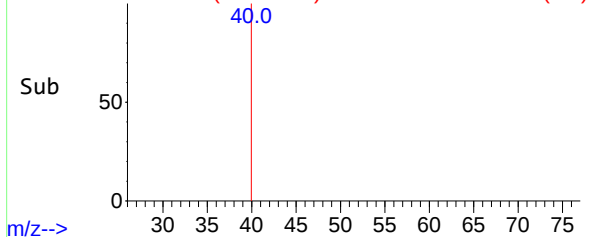
Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



Abundance Scan 99 (1.691 min): VX027303.D\data.ms



Abundance Scan 99 (1.691 min): VX027303.D\data.ms (-48)



#6

Chloroethane

Concen: 0.226 ug/l

RT: 1.691 min Scan# 91

Delta R.T. 0.013 min

Lab File: VX027303.D

Acq: 04 Mar 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

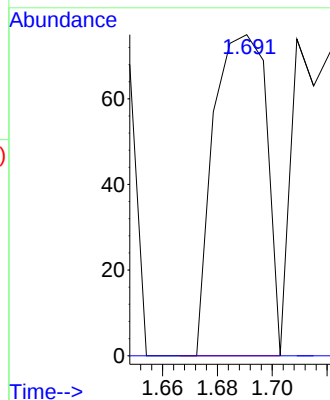
SB-4

Tgt Ion: 64 Resp: 100

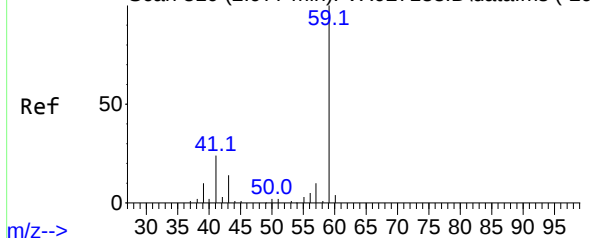
Ion Ratio Lower Upper

64 100

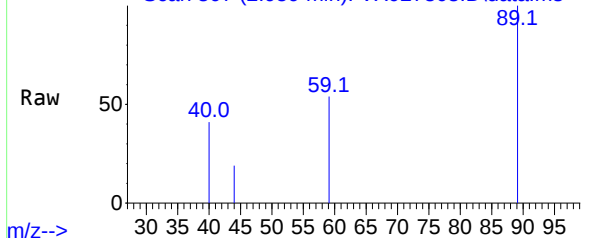
66 0.0 25.4 38.2#



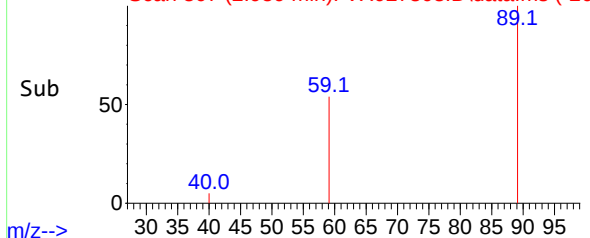
Abundance Scan 310 (2.977 min): VX027138.D\data.ms (-29)



Abundance Scan 307 (2.959 min): VX027303.D\data.ms



Abundance Scan 307 (2.959 min): VX027303.D\data.ms (-26)



#11

Tert butyl alcohol

Concen: 1.437 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX027303.D

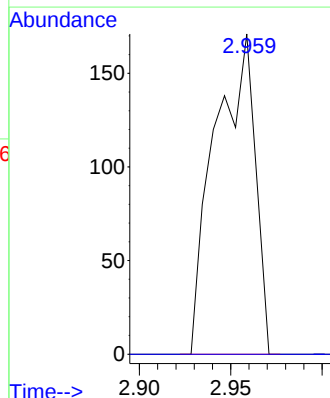
Acq: 04 Mar 2022 15:54

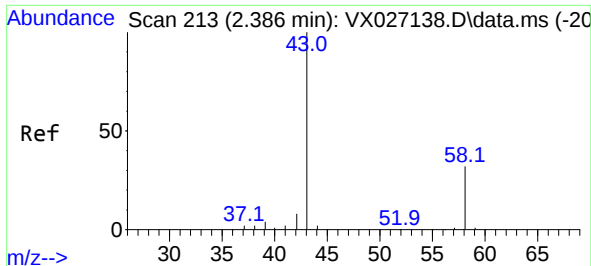
Tgt Ion: 59 Resp: 262

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#

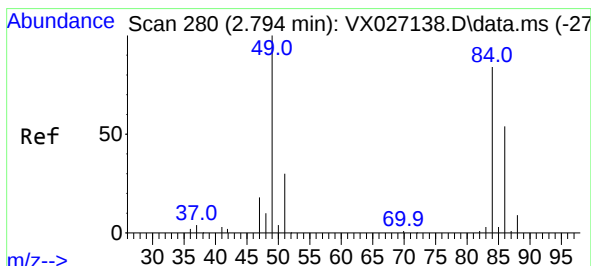
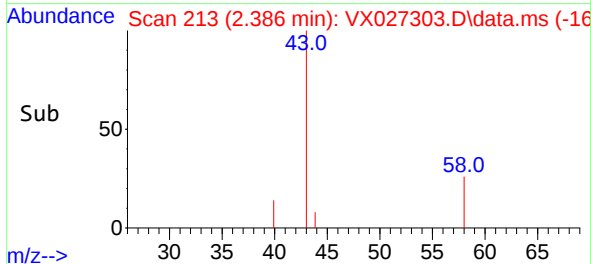
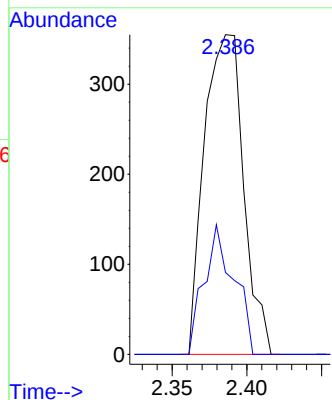
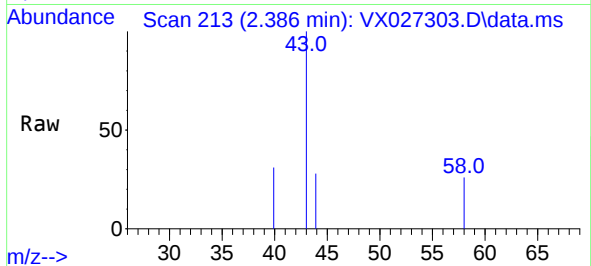




#16
Acetone
Concen: 1.575 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

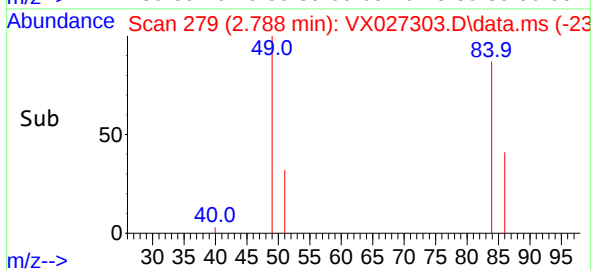
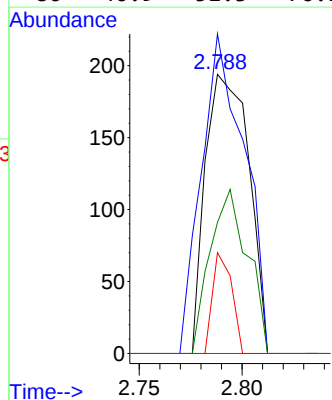
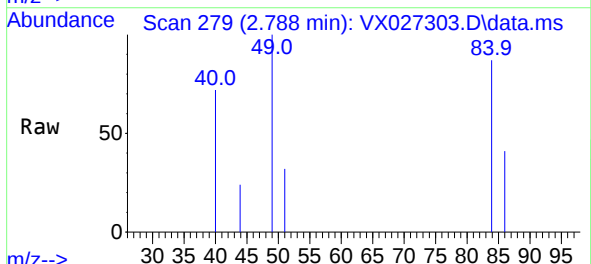
Instrument : MSVOA_X
ClientSampleId : SB-4

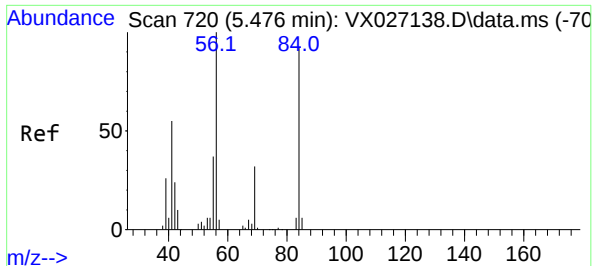
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 25.6 23.0 34.6



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Tgt Ion: 84 Resp: 285
Ion Ratio Lower Upper
84 100
49 114.4 101.5 152.3
51 36.1 31.2 46.8
86 46.9 51.3 76.9

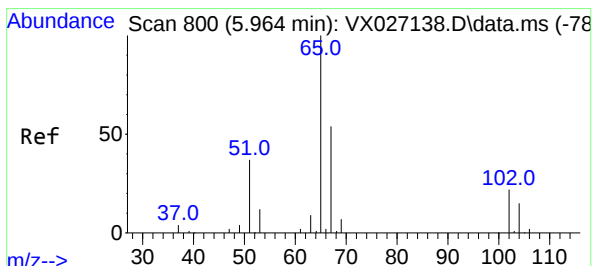
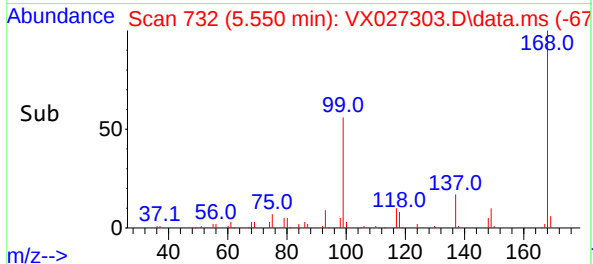
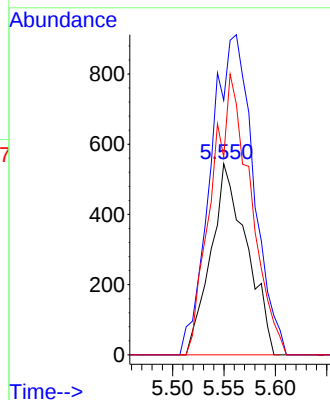
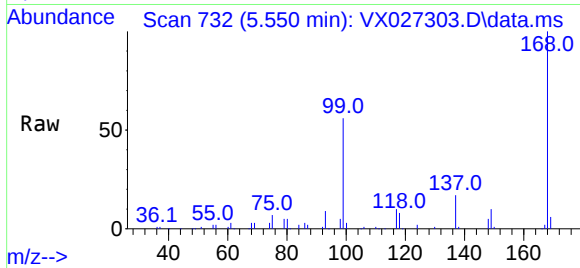




#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

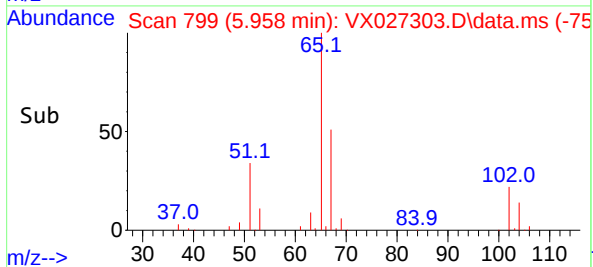
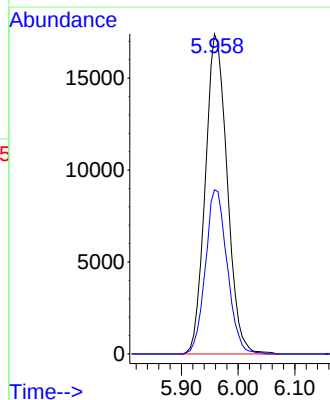
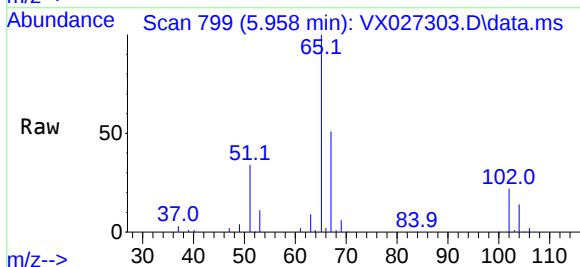
Instrument :
MSVOA_X
ClientSampleId :
SB-4

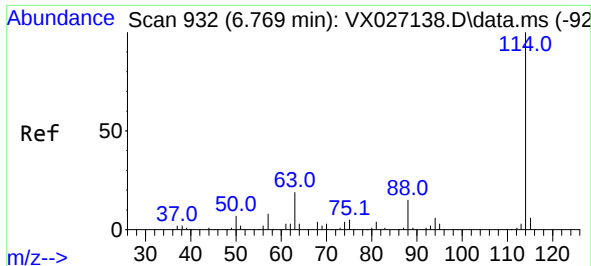
Tgt Ion: 56 Resp: 1325
Ion Ratio Lower Upper
56 100
69 133.3 25.8 38.6#
84 103.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Tgt Ion: 65 Resp: 46566
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8

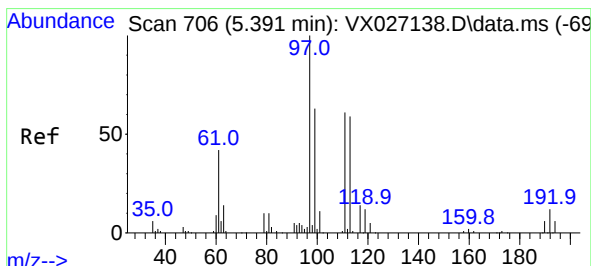
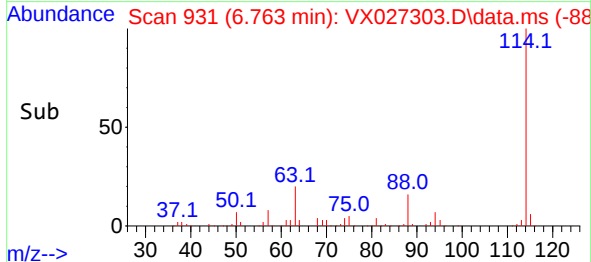
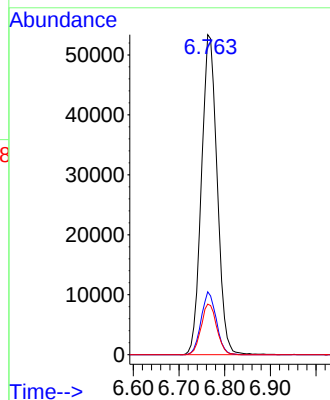
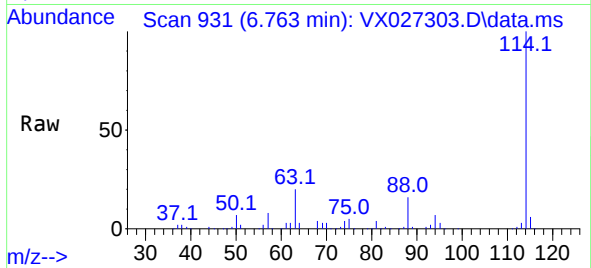




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

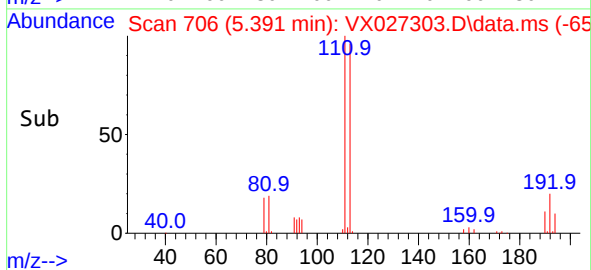
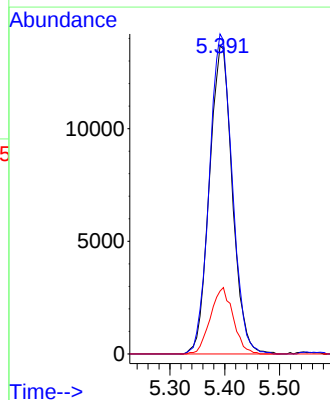
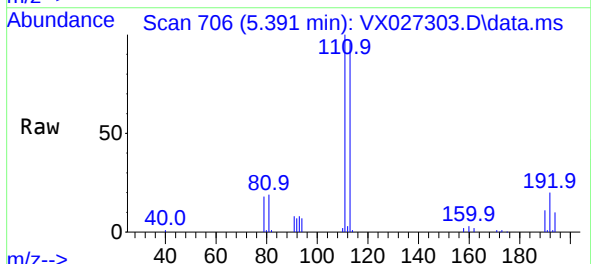
Instrument :
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ClientSampleId :
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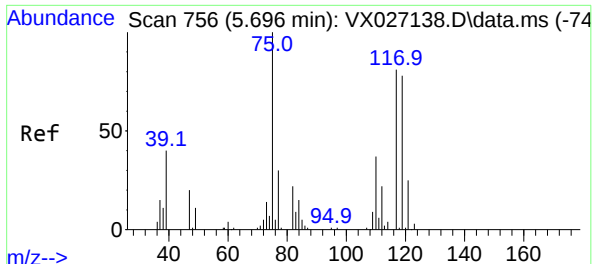
Tgt Ion:114 Resp: 126987
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.323 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Tgt Ion:113 Resp: 39666
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 21.3 15.0 22.4

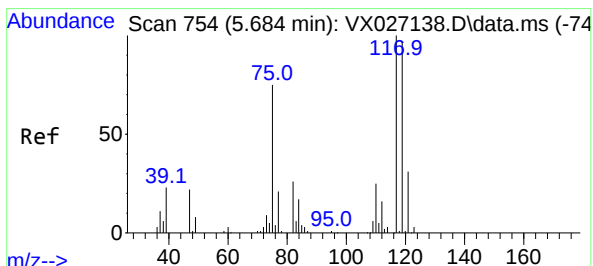
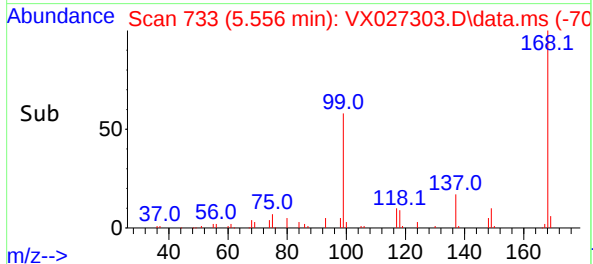
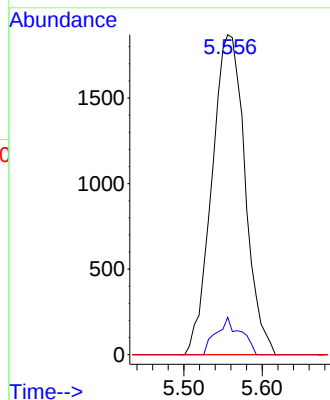
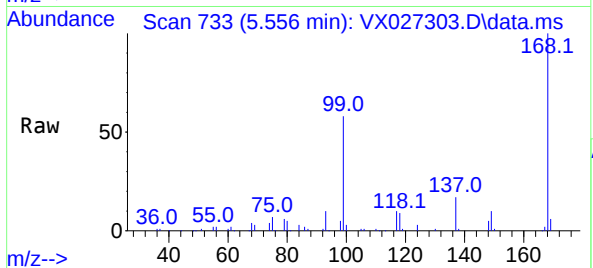




#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

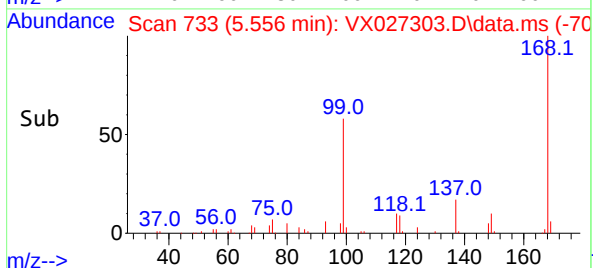
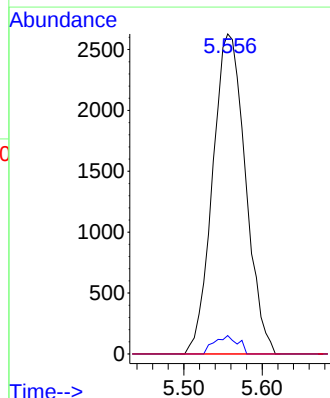
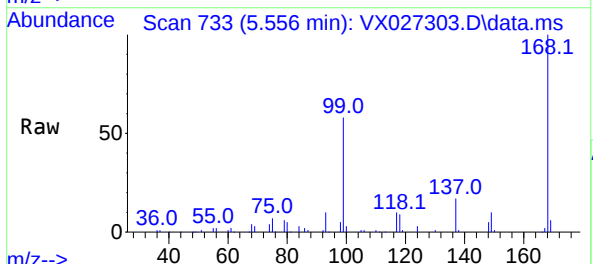
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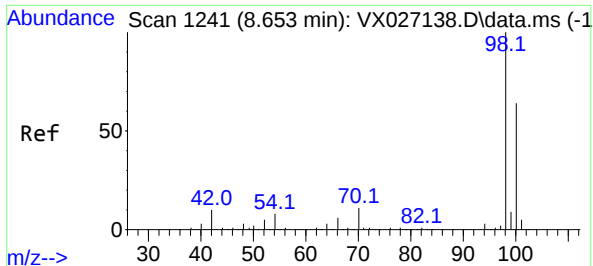
Tgt Ion: 75 Resp: 5488
Ion Ratio Lower Upper
75 100
110 8.6 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.383 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Tgt Ion: 117 Resp: 7658
Ion Ratio Lower Upper
117 100
119 5.7 74.7 112.1#
121 0.0 25.4 38.0#

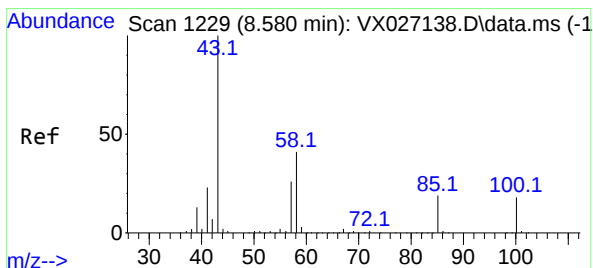
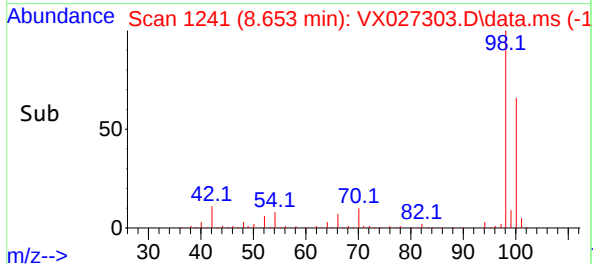
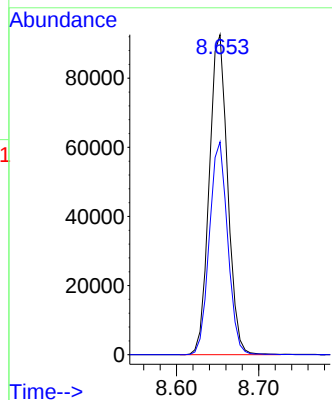
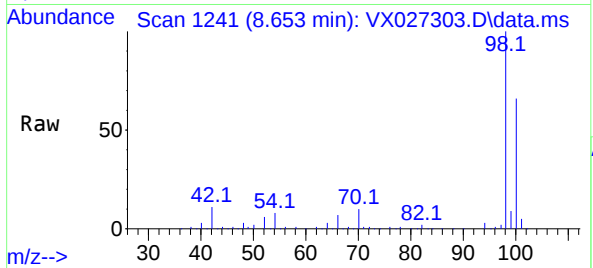




#50
Toluene-d8
Concen: 48.843 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

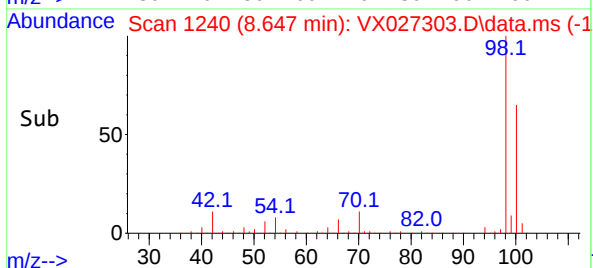
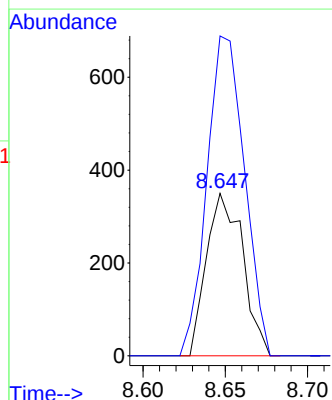
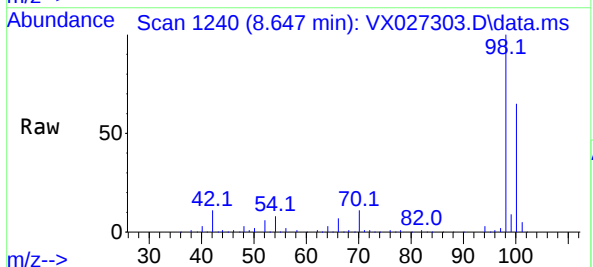
Instrument :
MSVOA_X
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SB-4

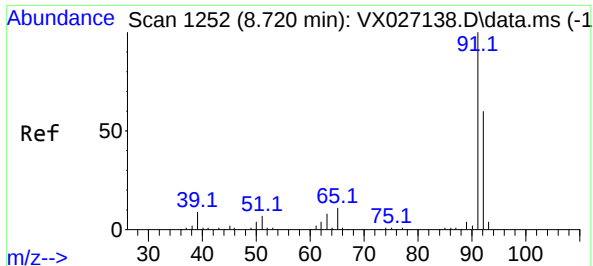
Tgt Ion: 98 Resp: 143955
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 204.1 30.5 45.7#





#52

Toluene

Concen: 1.652 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027303.D

Acq: 04 Mar 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

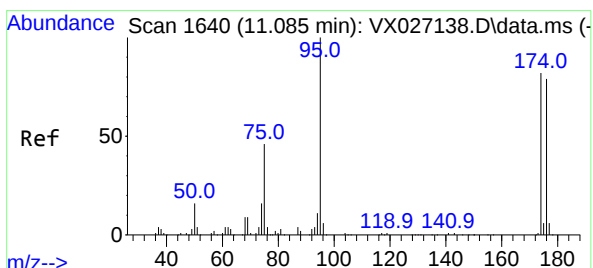
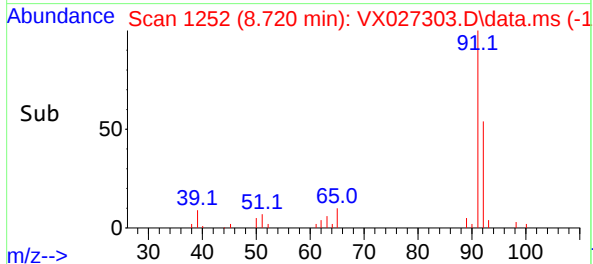
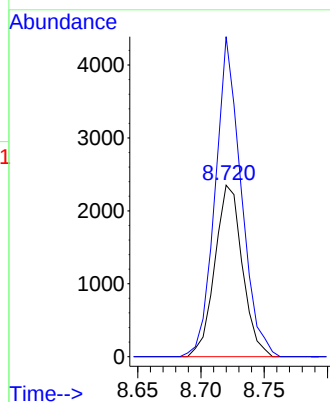
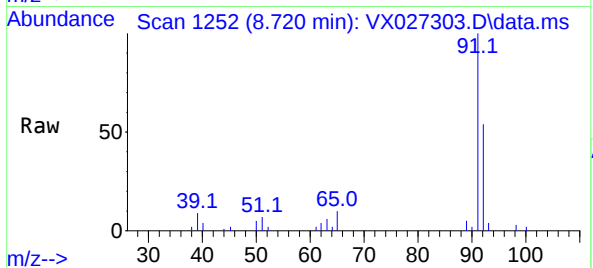
SB-4

Tgt Ion: 92 Resp: 3559

Ion Ratio Lower Upper

92 100

91 175.0 135.7 203.5



#62

4-Bromofluorobenzene

Concen: 48.213 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027303.D

Acq: 04 Mar 2022 15:54

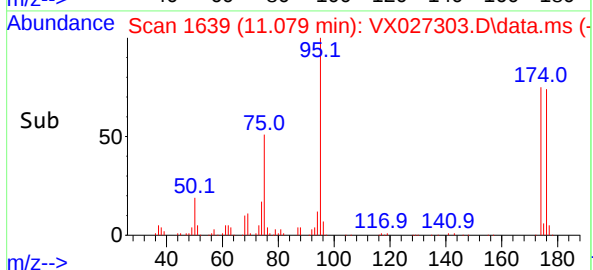
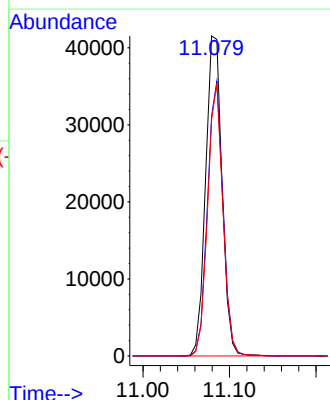
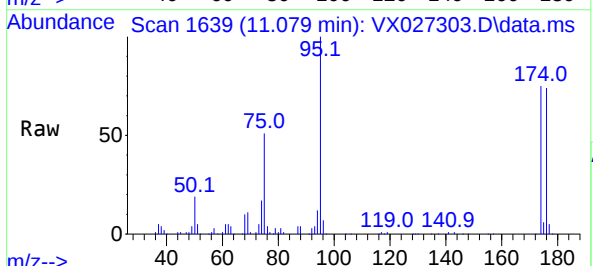
Tgt Ion: 95 Resp: 54544

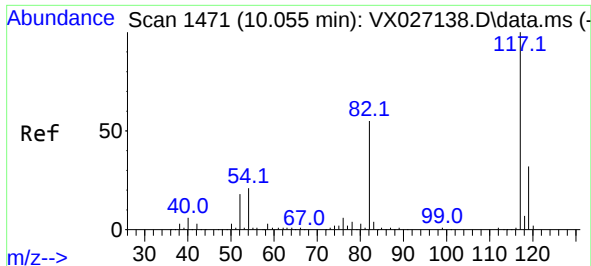
Ion Ratio Lower Upper

95 100

174 81.7 0.0 148.6

176 79.1 0.0 141.4

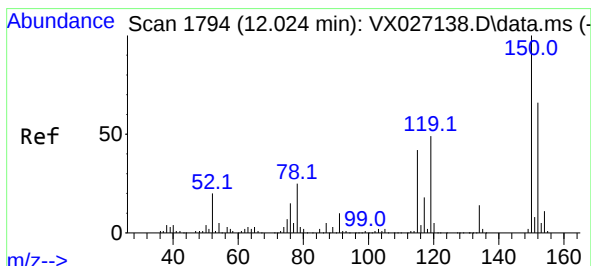
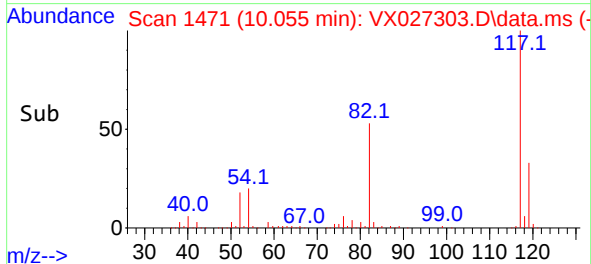
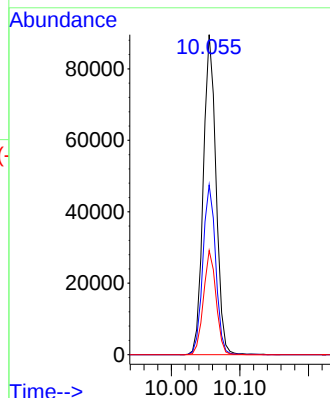
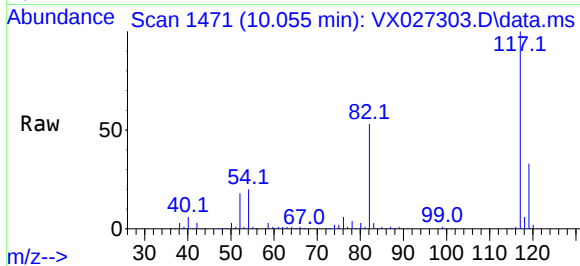




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

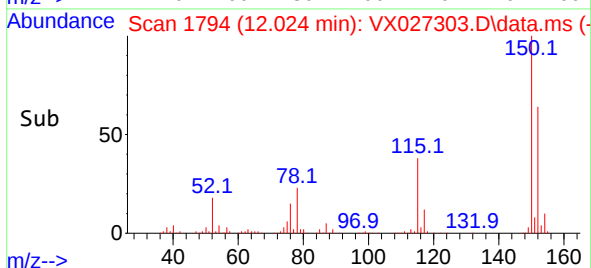
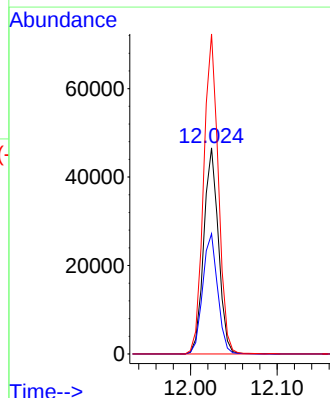
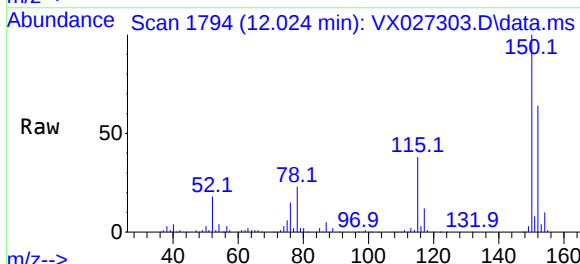
Instrument :
MSVOA_X
ClientSampleId :
SB-4

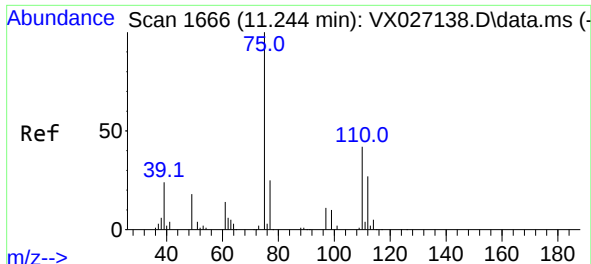
Tgt Ion:117 Resp: 115829
Ion Ratio Lower Upper
117 100
82 53.1 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Tgt Ion:152 Resp: 54669
Ion Ratio Lower Upper
152 100
115 59.6 44.2 132.6
150 155.8 0.0 348.2

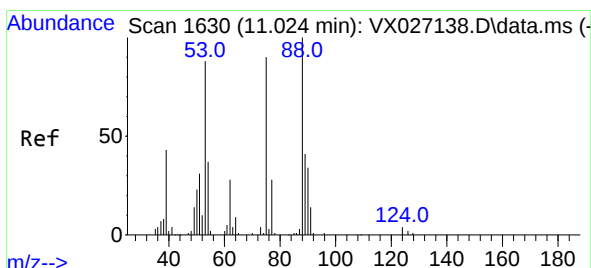
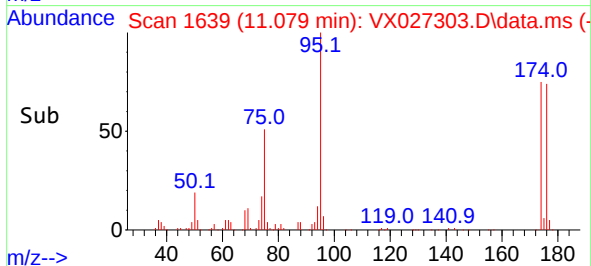
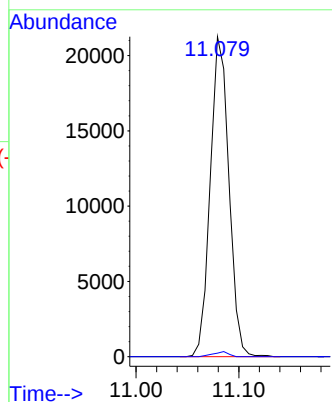
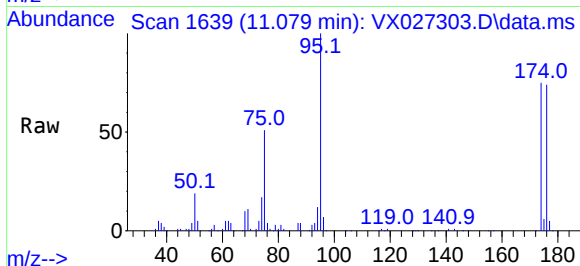




#76
1,2,3-Trichloropropane
Concen: 24.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
SB-4

Tgt Ion: 75 Resp: 26788
Ion Ratio Lower Upper
75 100
77 1.3 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027303.D
Acq: 04 Mar 2022 15:54

Tgt Ion: 75 Resp: 26788
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

