

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027302.D
 Acq On : 04 Mar 2022 15:30
 Operator : JC/MD
 Sample : N1793-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3

Quant Time: Mar 05 00:44:40 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)

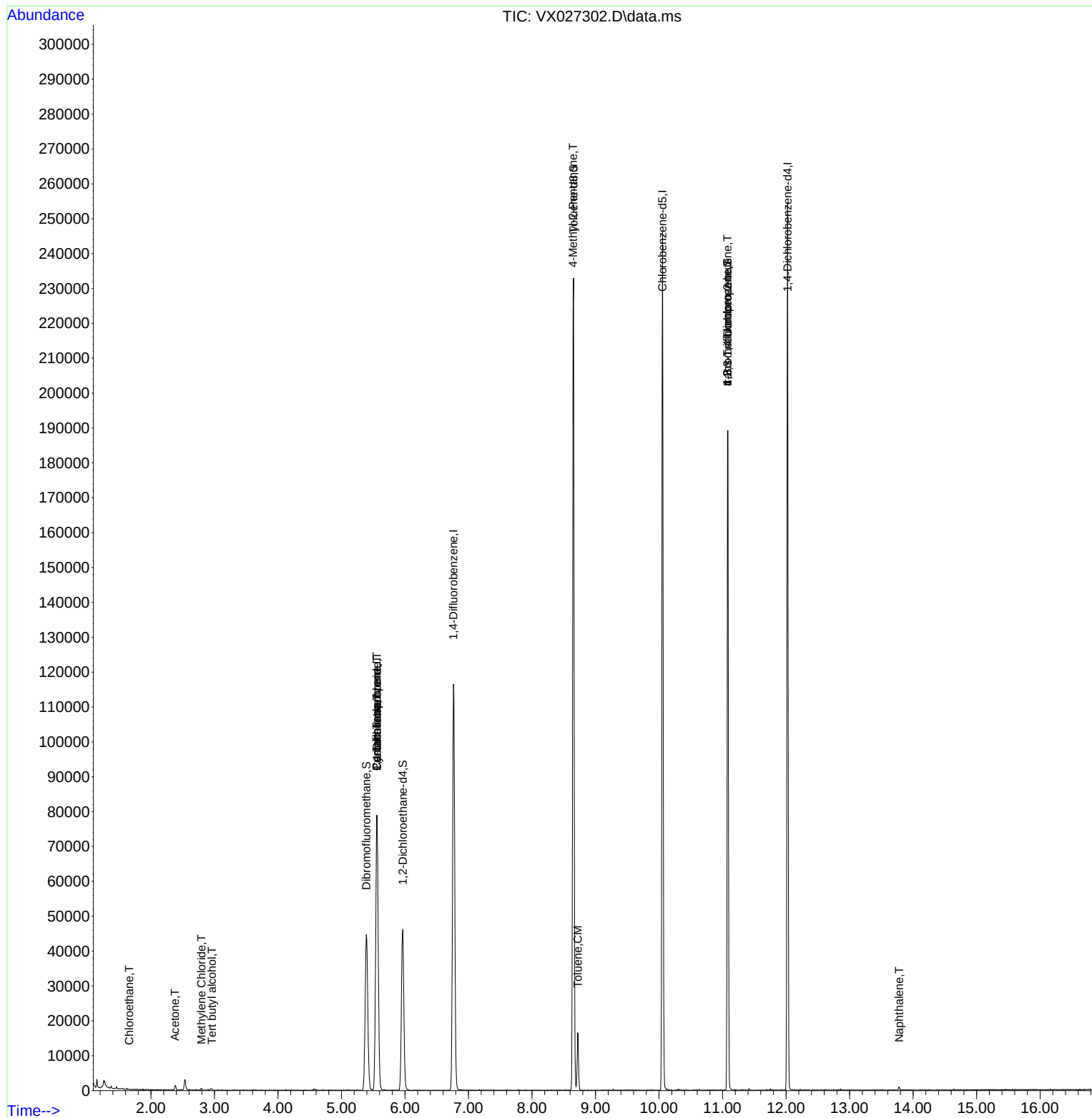
Internal Standards						
1) Pentafluorobenzene	5.556	168	76965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45833	49.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.160%
35) Dibromofluoromethane	5.391	113	39339	51.385	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.780%
50) Toluene-d8	8.653	98	141411	49.400	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.800%
62) 4-Bromofluorobenzene	11.079	95	52452	47.736	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	86	Below Cal		100
6) Chloroethane	1.654	64	177	0.405 ug/l #		43
11) Tert butyl alcohol	2.959	59	184	1.023 ug/l #		75
16) Acetone	2.380	43	1463	3.605 ug/l		95
20) Methylene Chloride	2.794	84	272	0.323 ug/l #		61
31) Cyclohexane	5.556	56	1350	0.975 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	5148	4.608 ug/l #		50
38) Carbon Tetrachloride	5.556	117	7678	6.589 ug/l #		16
51) 4-Methyl-2-Pentanone	8.647	43	551	0.449 ug/l #		1
52) Toluene	8.720	92	5946	2.842 ug/l		99
76) 1,2,3-Trichloropropane	11.079	75	25861	24.440 ug/l #		40
81) trans-1,4-Dichloro-2-b...	11.079	75	25861	69.330 ug/l #		3
95) Naphthalene	13.780	128	971	0.263 ug/l #		79

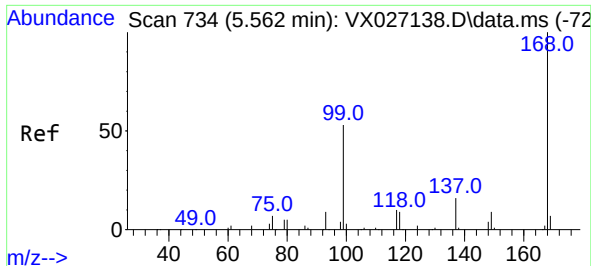
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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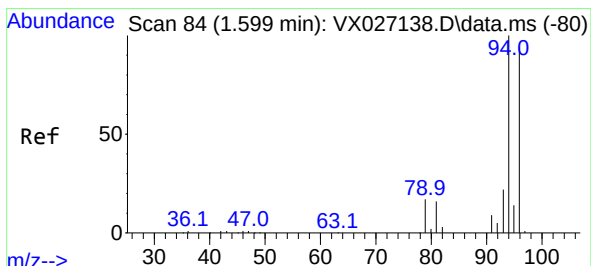
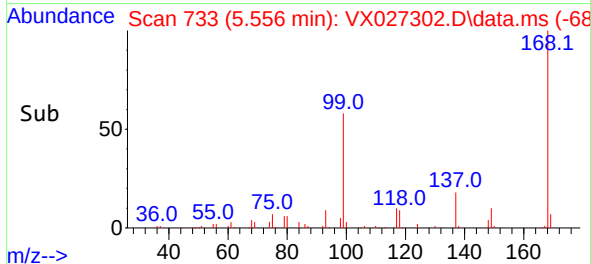
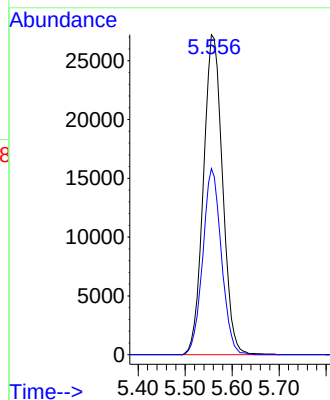
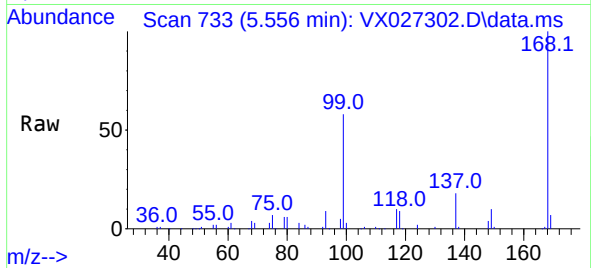




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

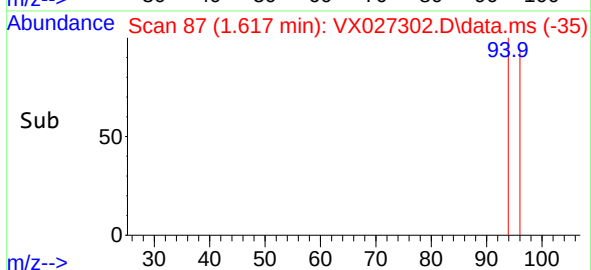
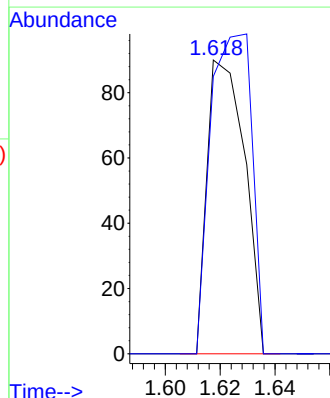
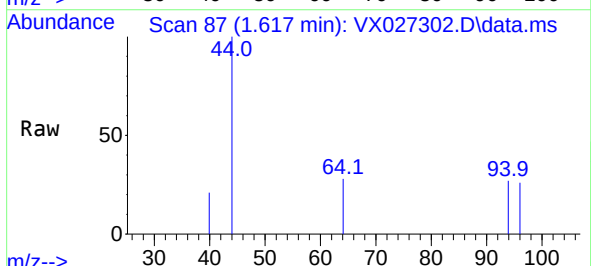
Instrument :
MSVOA_X
ClientSampleId :
SB-3

Tgt Ion:168 Resp: 76965
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5

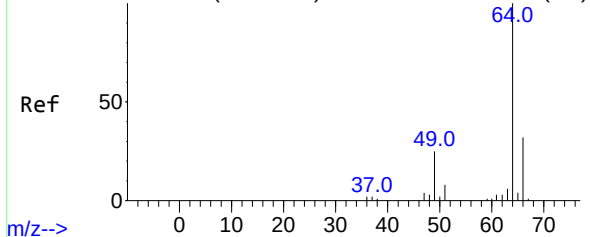


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 94.4 75.9 113.9



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

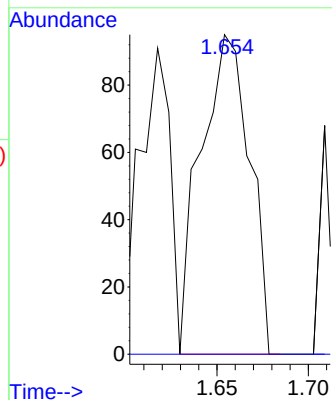
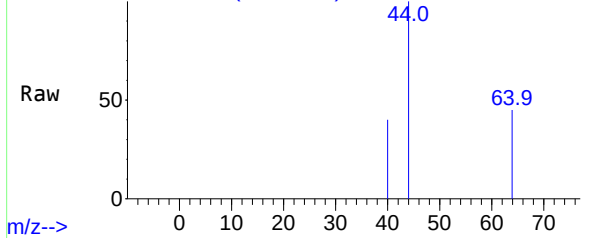


#6
Chloroethane
Concen: 0.405 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

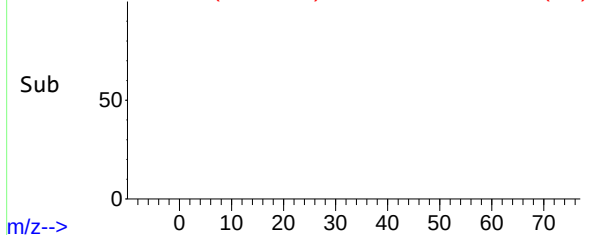
Instrument :
MSVOA_X
ClientSampleId :
SB-3

Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

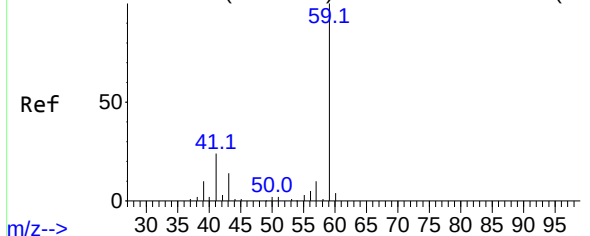
Abundance Scan 93 (1.654 min): VX027302.D\data.ms



Abundance Scan 93 (1.654 min): VX027302.D\data.ms (-48)



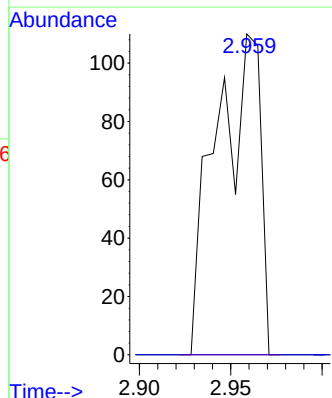
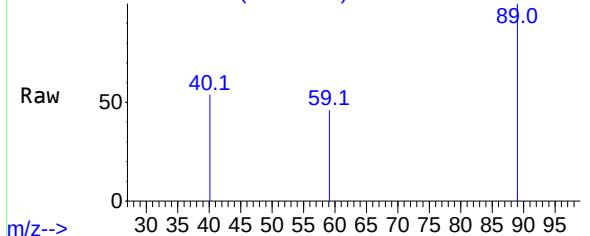
Abundance Scan 310 (2.977 min): VX027138.D\data.ms (-29)



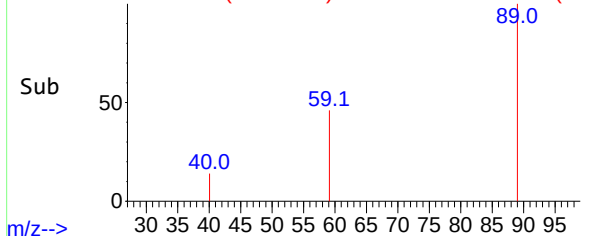
#11
Tert butyl alcohol
Concen: 1.023 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

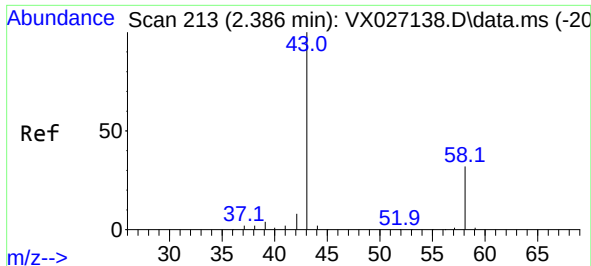
Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

Abundance Scan 307 (2.959 min): VX027302.D\data.ms



Abundance Scan 307 (2.959 min): VX027302.D\data.ms (-26)

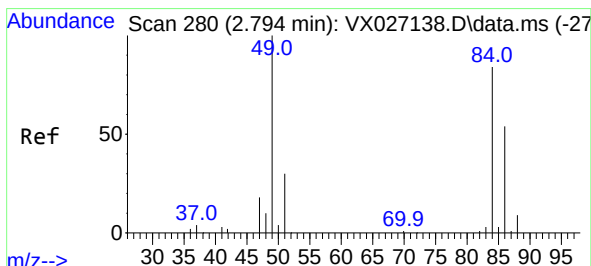
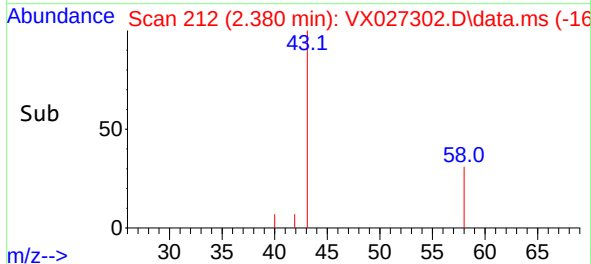
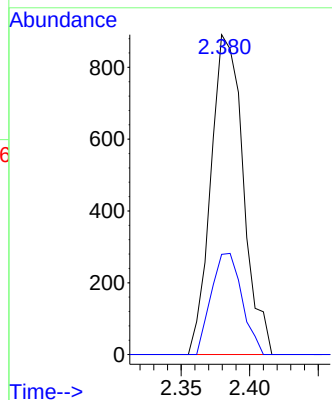
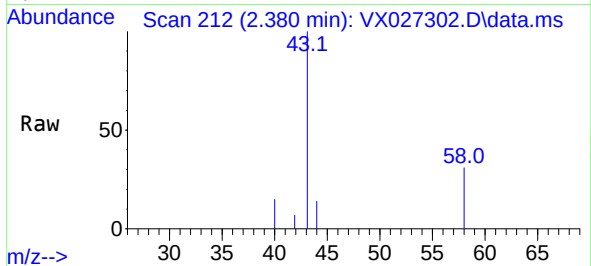




#16
Acetone
Concen: 3.605 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

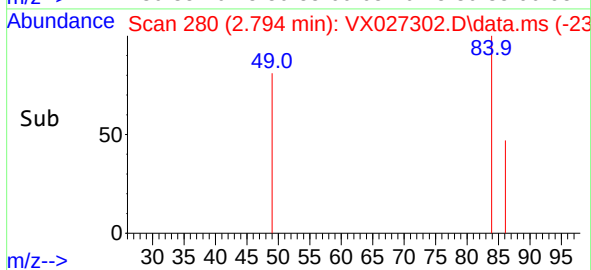
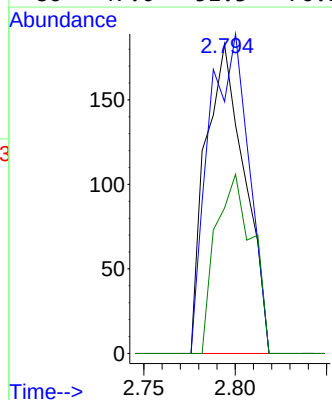
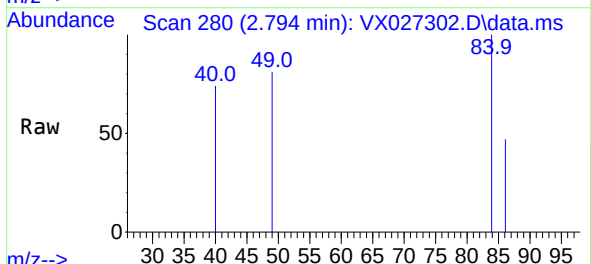
Instrument :
MSVOA_X
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SB-3

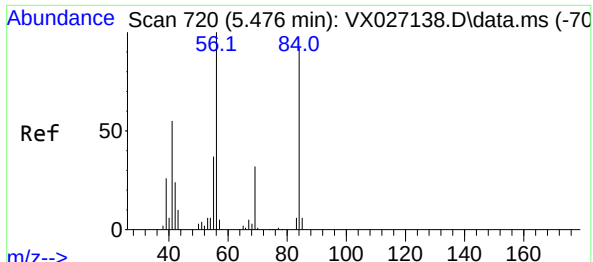
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 31.3 23.0 34.6



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Tgt Ion: 84 Resp: 272
Ion Ratio Lower Upper
84 100
49 81.4 101.5 152.3#
51 0.0 31.2 46.8#
86 47.0 51.3 76.9#

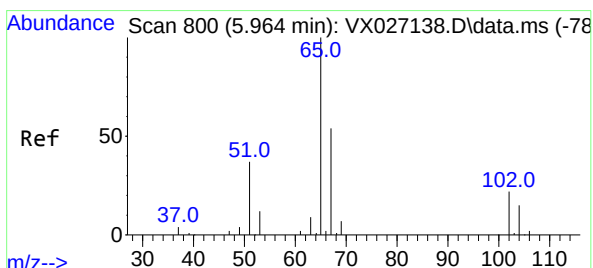
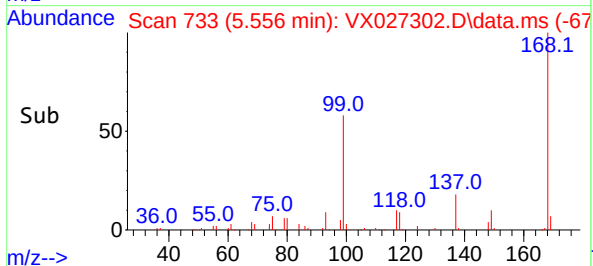
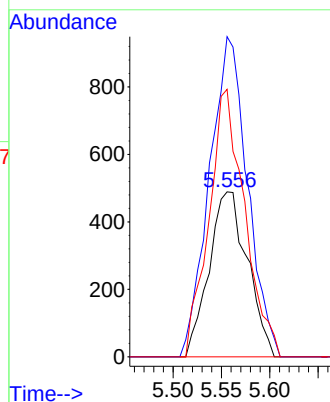
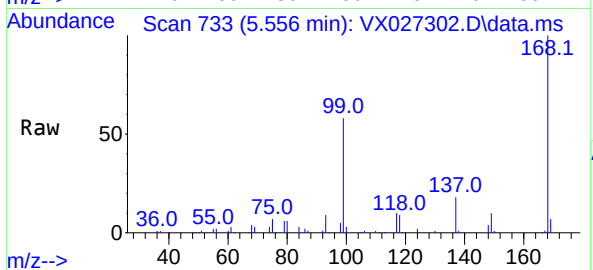




#31
Cyclohexane
Concen: 0.975 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

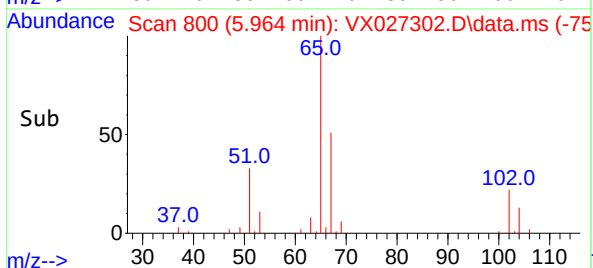
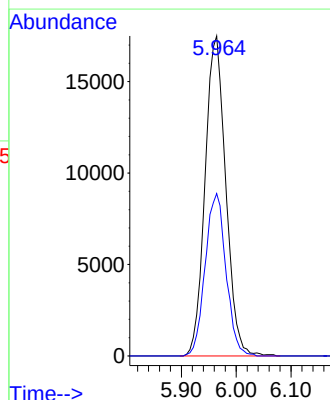
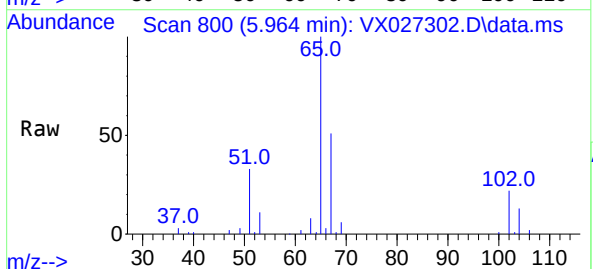
Instrument :
MSVOA_X
ClientSampleId :
SB-3

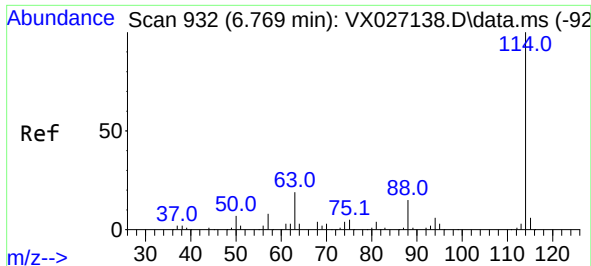
Tgt Ion: 56 Resp: 1350
Ion Ratio Lower Upper
56 100
69 194.1 25.8 38.6#
84 162.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.584 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Tgt Ion: 65 Resp: 45833
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8

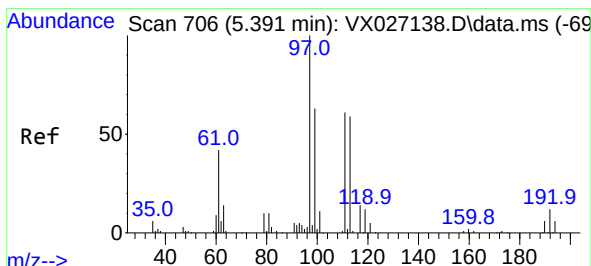
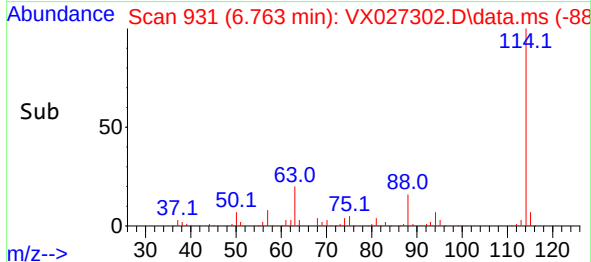
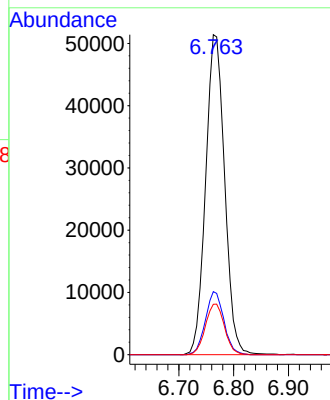
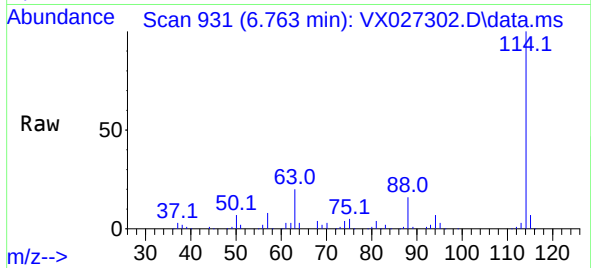




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

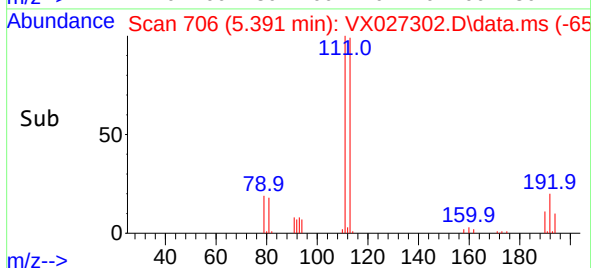
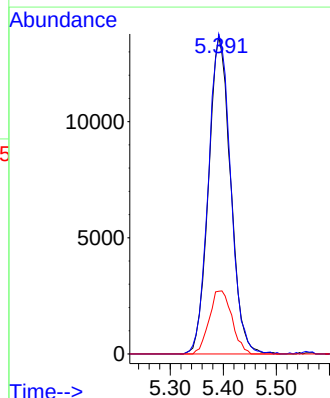
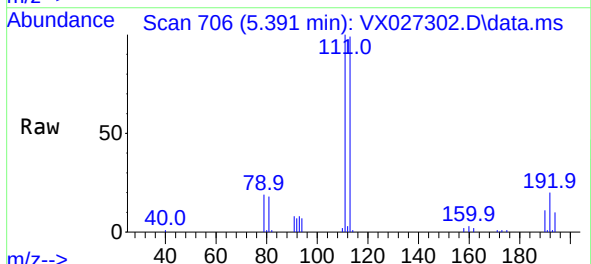
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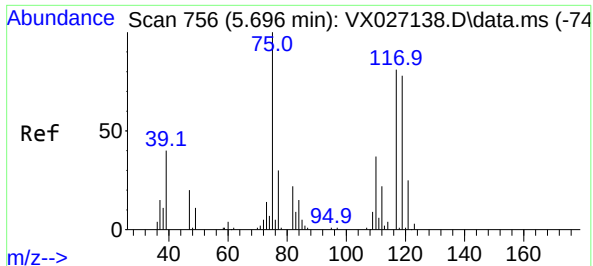
Tgt Ion:114 Resp: 123337
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.385 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Tgt Ion:113 Resp: 39339
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 20.5 15.0 22.4

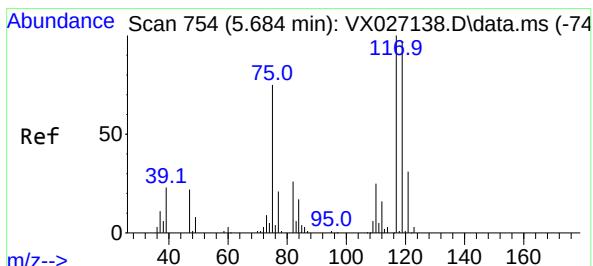
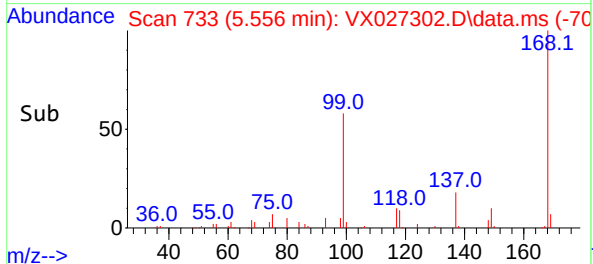
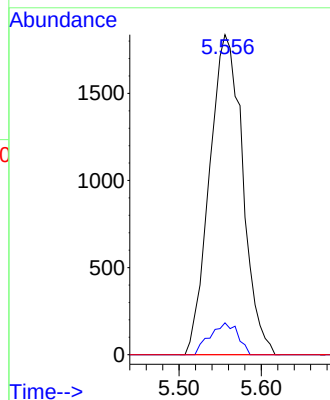
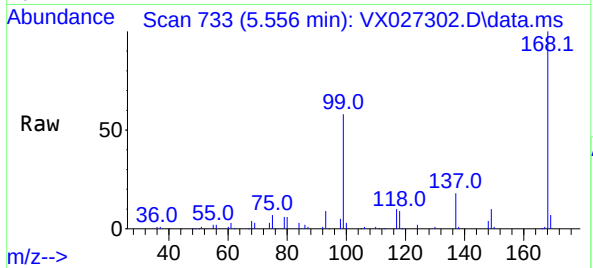




#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

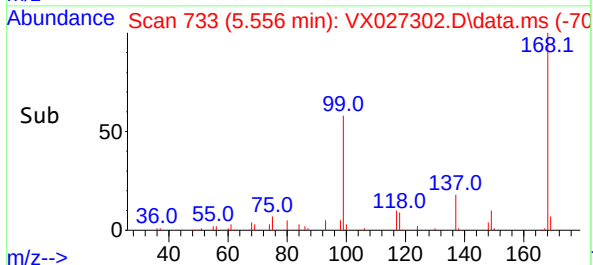
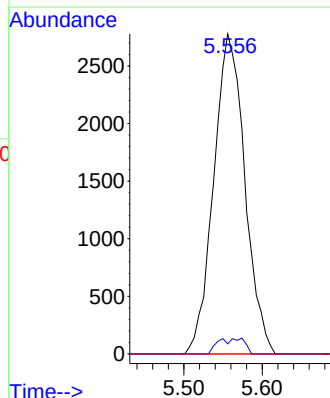
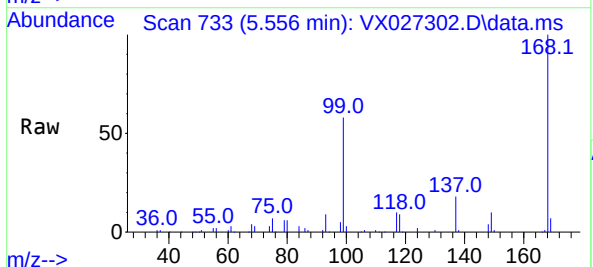
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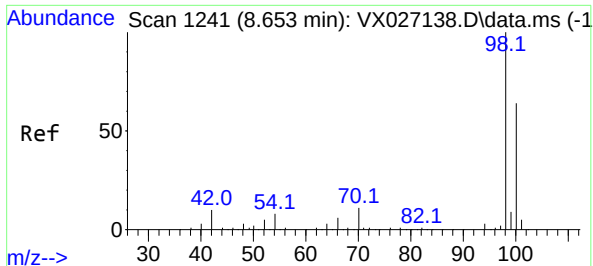
Tgt Ion: 75 Resp: 5148
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.589 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Tgt Ion: 117 Resp: 7678
Ion Ratio Lower Upper
117 100
119 3.2 74.7 112.1#
121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 49.400 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027302.D

Acq: 04 Mar 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

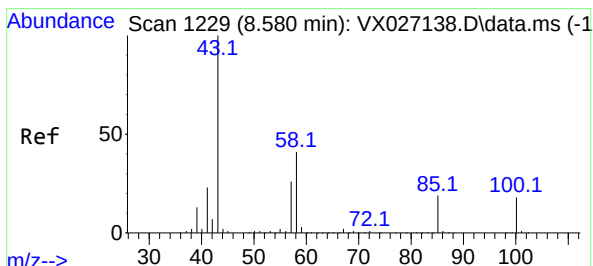
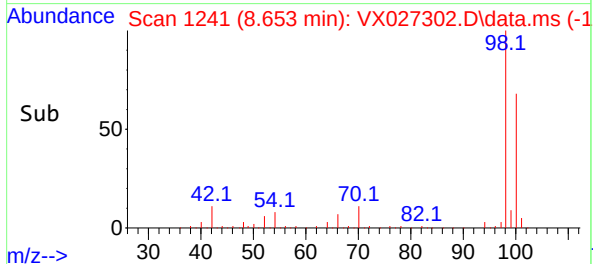
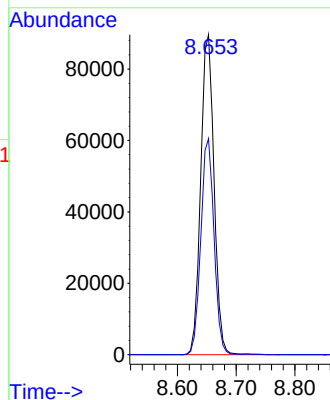
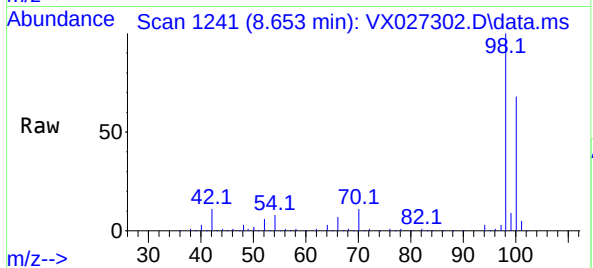
SB-3

Tgt Ion: 98 Resp: 141411

Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.449 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX027302.D

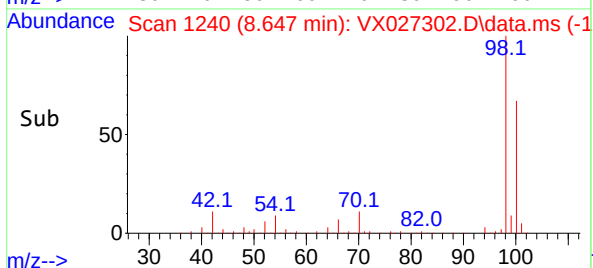
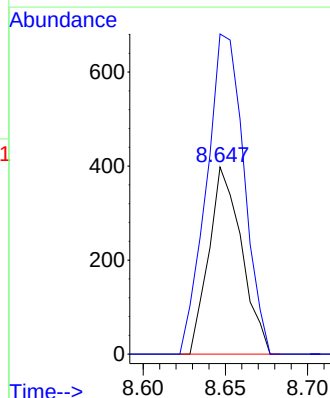
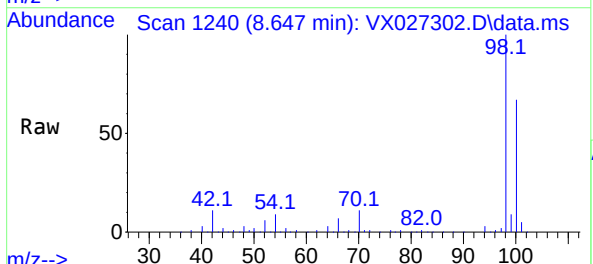
Acq: 04 Mar 2022 15:30

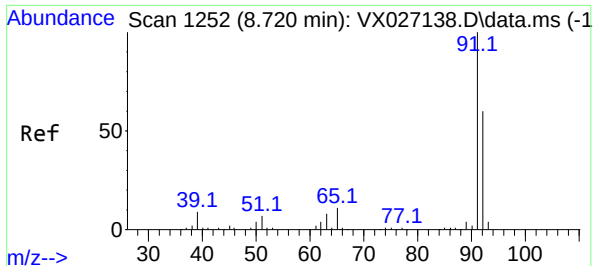
Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

58 195.8 30.5 45.7#

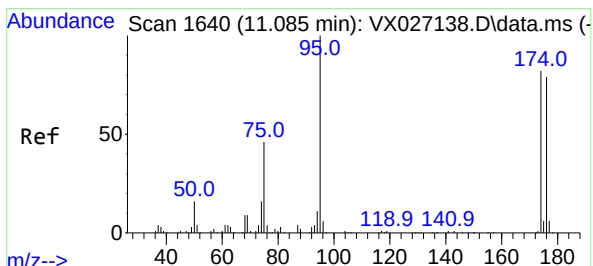
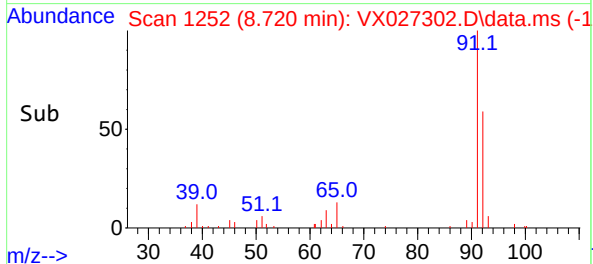
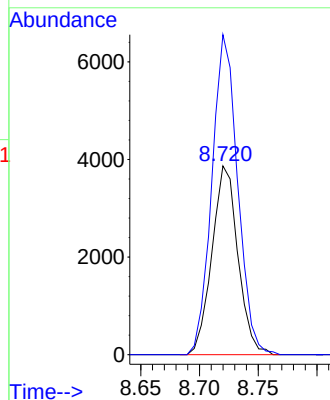
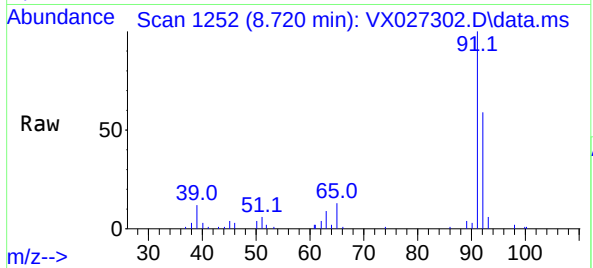




#52
Toluene
Concen: 2.842 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

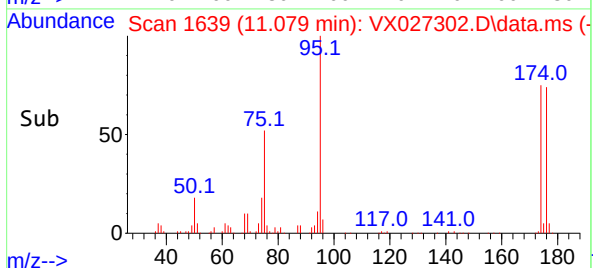
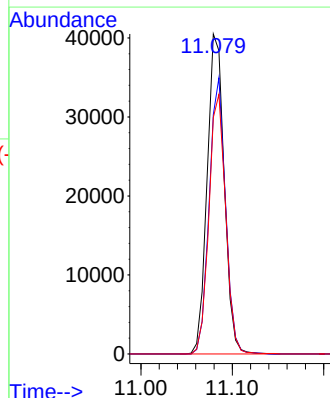
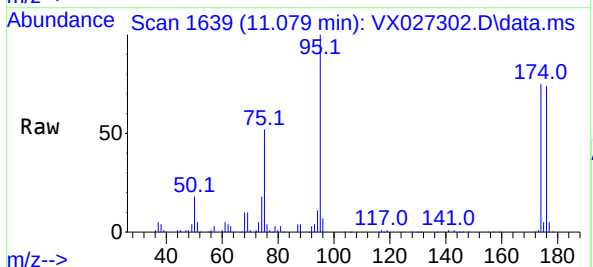
Instrument :
MSVOA_X
ClientSampleId :
SB-3

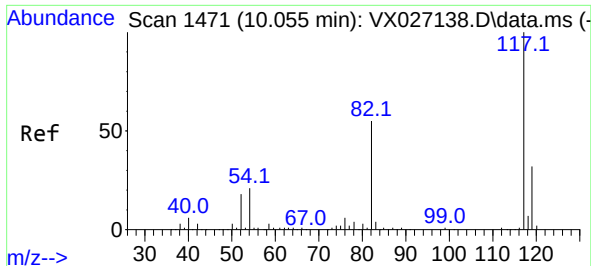
Tgt Ion: 92 Resp: 5946
Ion Ratio Lower Upper
92 100
91 168.1 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 47.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Tgt Ion: 95 Resp: 52452
Ion Ratio Lower Upper
95 100
174 82.3 0.0 148.6
176 79.5 0.0 141.4

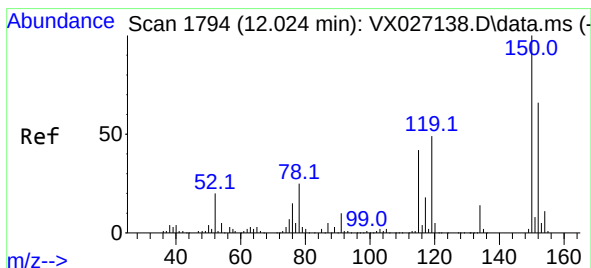
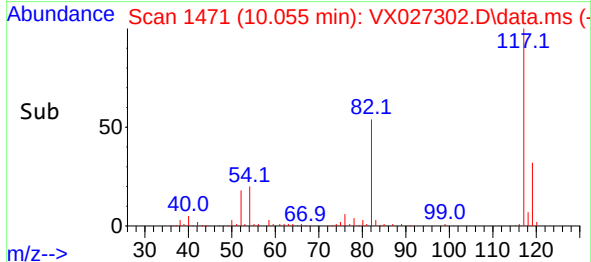
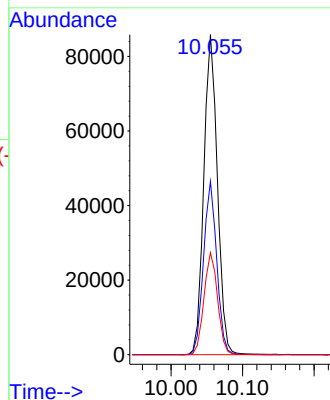
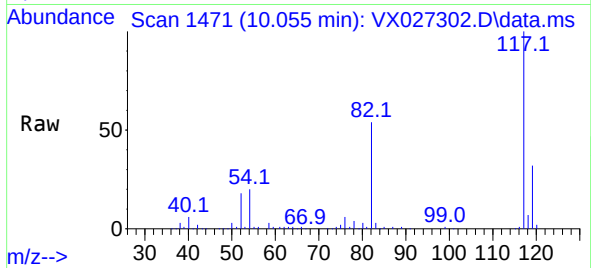




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

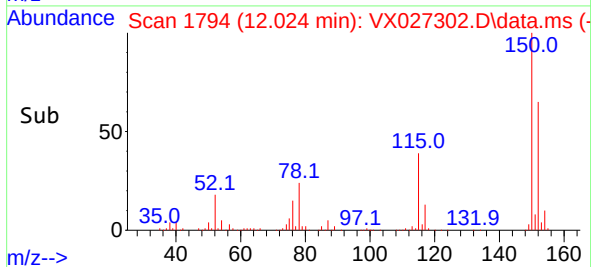
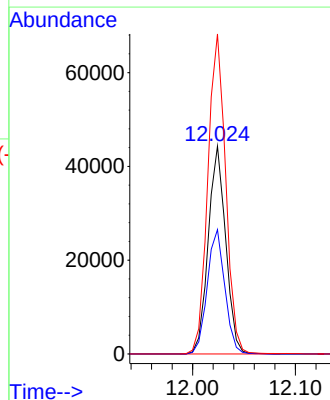
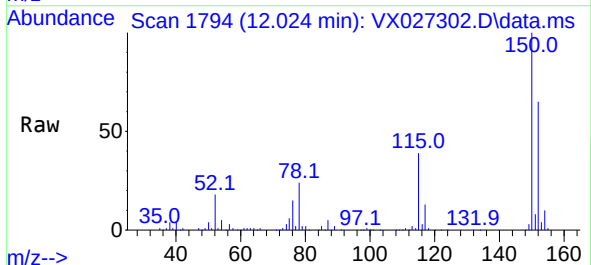
Instrument :
MSVOA_X
ClientSampleId :
SB-3

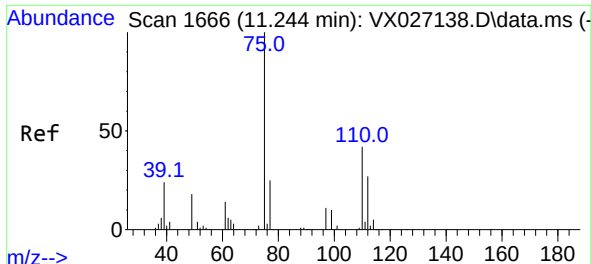
Tgt Ion:117 Resp: 113573
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Tgt Ion:152 Resp: 52533
Ion Ratio Lower Upper
152 100
115 60.2 44.2 132.6
150 157.2 0.0 348.2

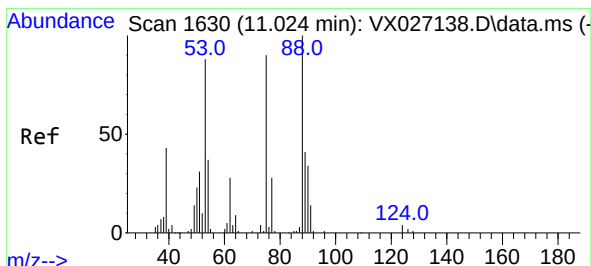
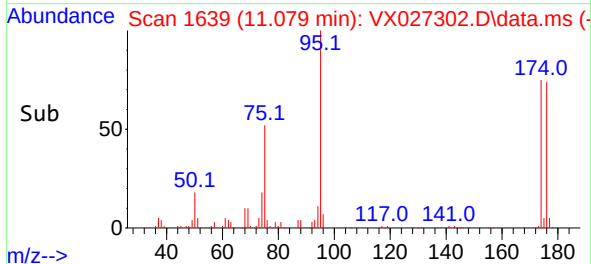
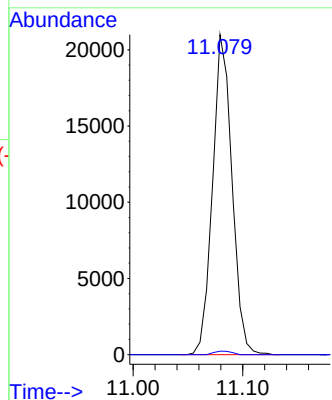
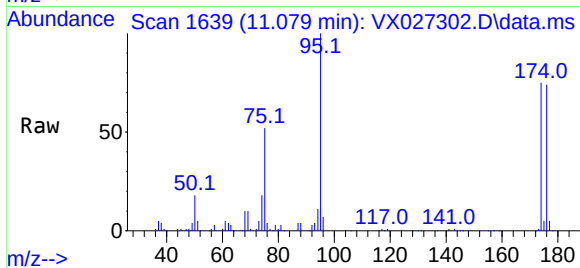




#76
1,2,3-Trichloropropane
Concen: 24.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

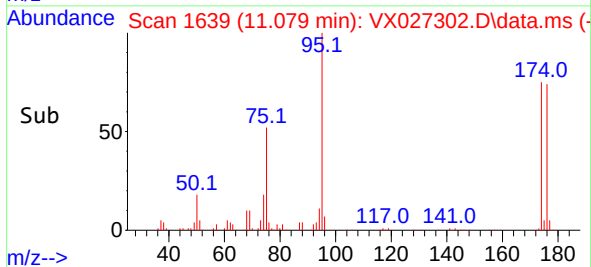
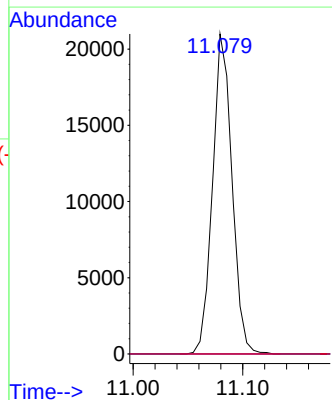
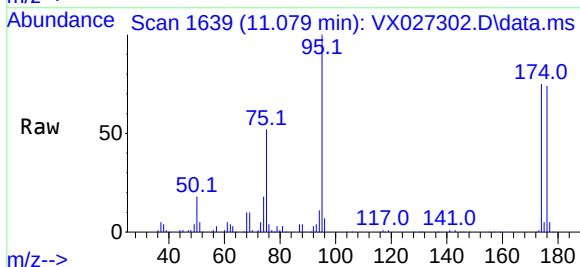
Instrument :
MSVOA_X
ClientSampleId :
SB-3

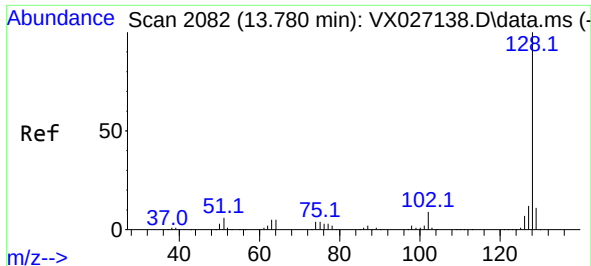
Tgt Ion: 75 Resp: 25861
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

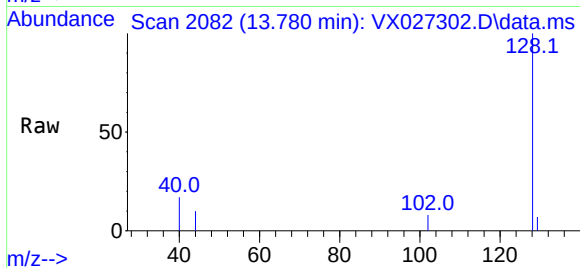
Tgt Ion: 75 Resp: 25861
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 0.263 ug/l
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX027302.D
Acq: 04 Mar 2022 15:30

Instrument :
MSVOA_X
ClientSampleId :
SB-3



Tgt Ion:128 Resp: 971
Ion Ratio Lower Upper
128 100
127 2.7 10.3 15.5#
129 5.4 8.7 13.1#

