

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027307.D
 Acq On : 04 Mar 2022 17:27
 Operator : JC/MD
 Sample : N1783-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Mar 05 00:45:32 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)

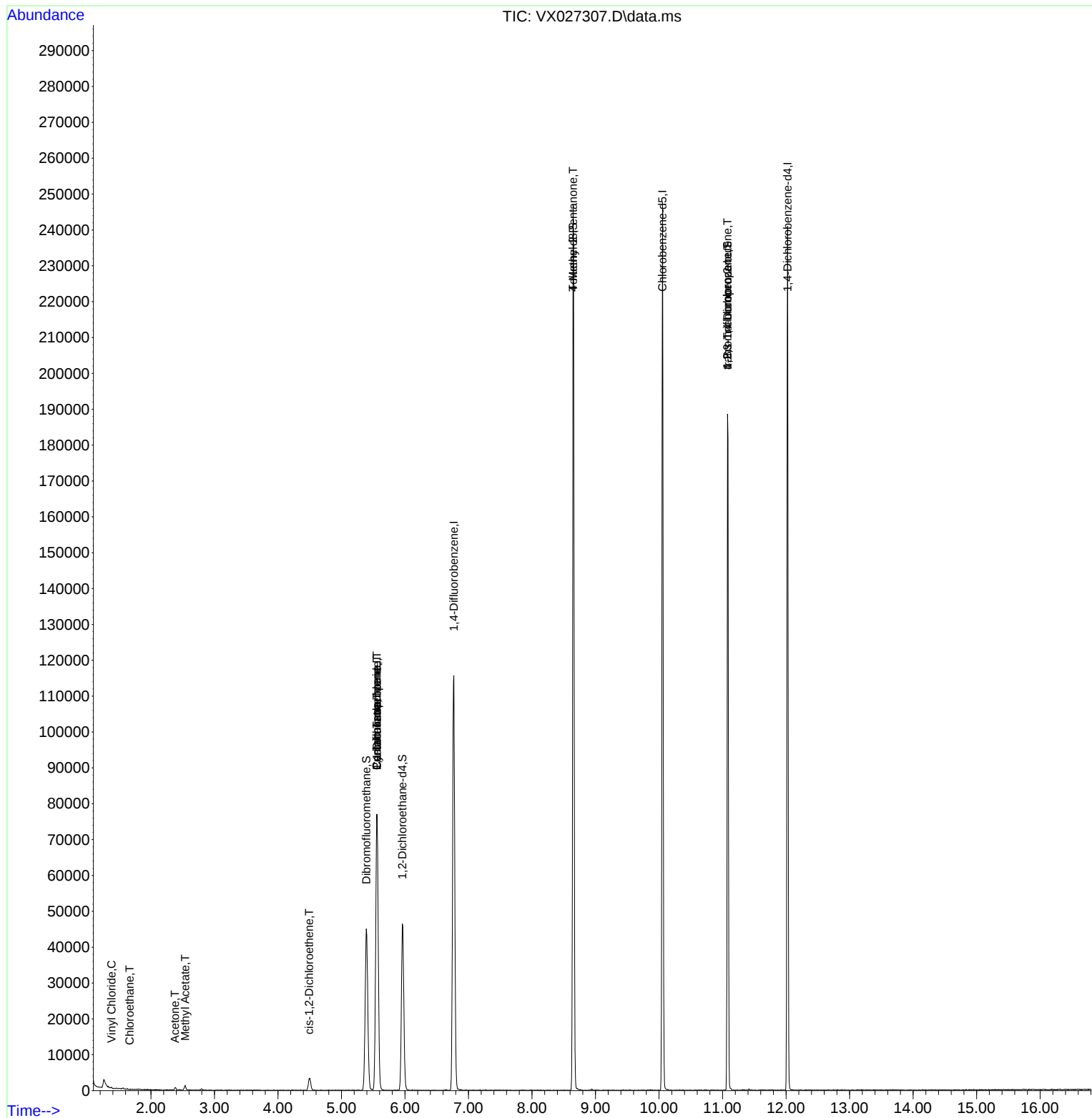
Internal Standards						
1) Pentafluorobenzene	5.556	168	75192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45528	50.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.840%	
35) Dibromofluoromethane	5.391	113	39216	51.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.320%	
50) Toluene-d8	8.647	98	144183	50.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	11.079	95	52284	47.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.040%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	154	0.221	ug/l #	51
5) Bromomethane	1.630	94	58	Below Cal	#	2
6) Chloroethane	1.666	64	124	0.290	ug/l #	43
16) Acetone	2.380	43	847	2.136	ug/l	100
18) Methyl Acetate	2.538	43	338	0.330	ug/l #	53
27) cis-1,2-Dichloroethene	4.489	96	2302	2.543	ug/l	86
31) Cyclohexane	5.556	56	1401	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5312	4.748	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7350	6.299	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	560	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	25944	25.015	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	25944	70.844	ug/l #	3

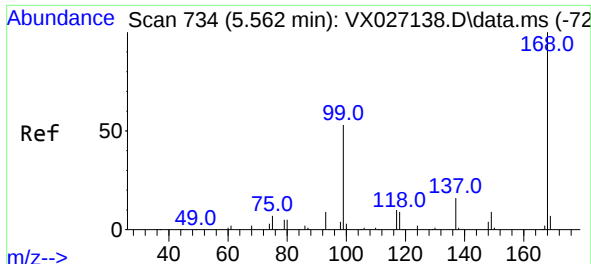
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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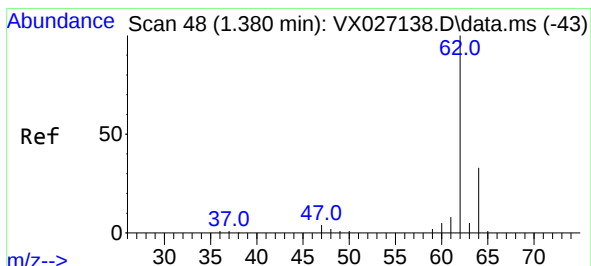
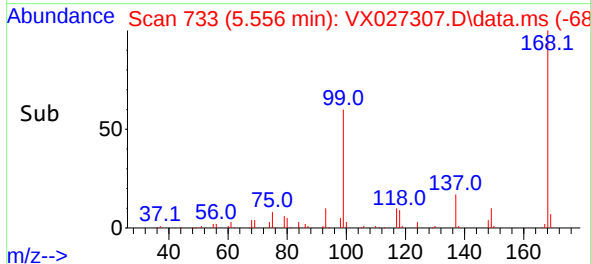
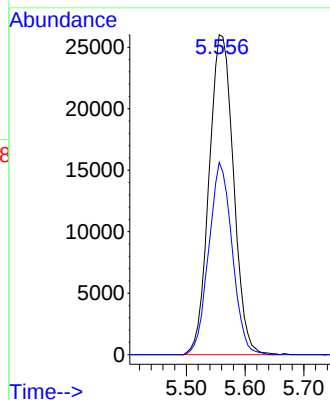
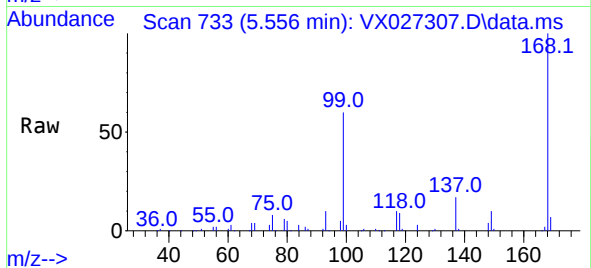




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

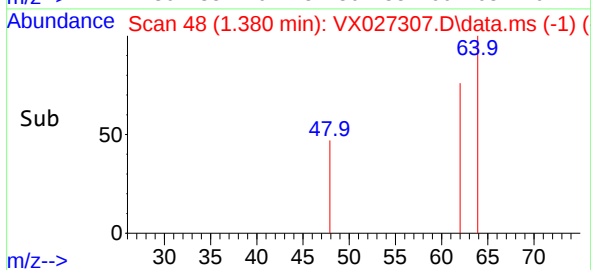
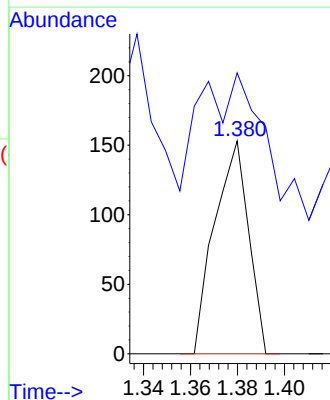
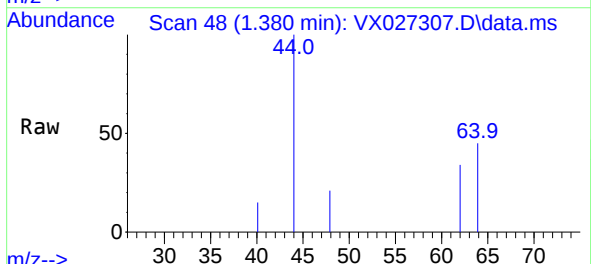
Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion:168 Resp: 75192
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5

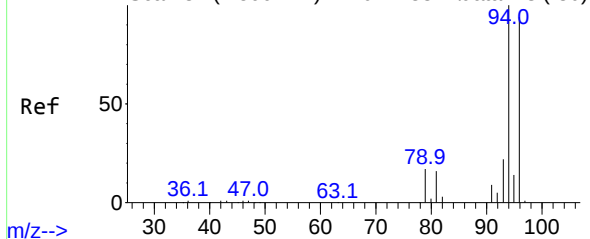


#4
Vinyl Chloride
Concen: 0.221 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion: 62 Resp: 154
Ion Ratio Lower Upper
62 100
64 60.1 26.2 39.2#



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



#5

Bromomethane

Concen: Below Cal

RT: 1.630 min Scan# 89

Delta R.T. 0.031 min

Lab File: VX027307.D

Acq: 04 Mar 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-5

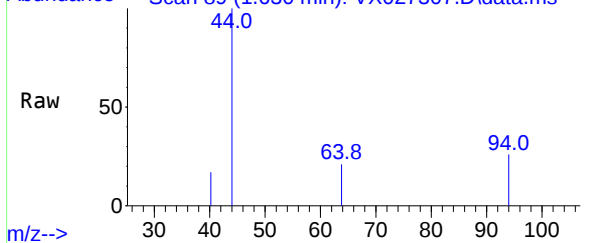
Tgt Ion: 94 Resp: 58

Ion Ratio Lower Upper

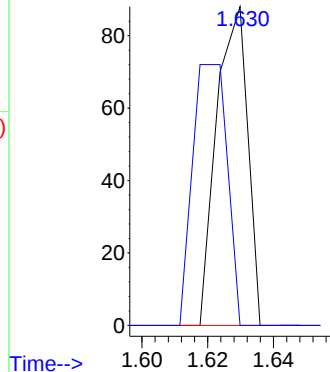
94 100

96 0.0 75.9 113.9#

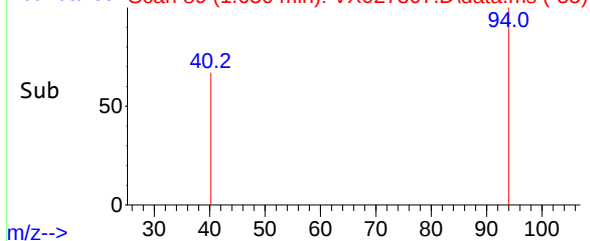
Abundance Scan 89 (1.630 min): VX027307.D\data.ms



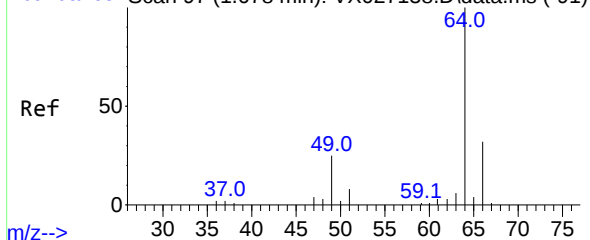
Abundance



Abundance Scan 89 (1.630 min): VX027307.D\data.ms (-35)



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



#6

Chloroethane

Concen: 0.290 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.012 min

Lab File: VX027307.D

Acq: 04 Mar 2022 17:27

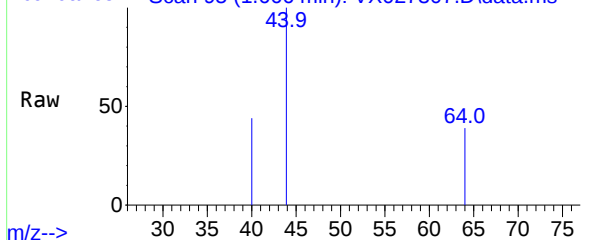
Tgt Ion: 64 Resp: 124

Ion Ratio Lower Upper

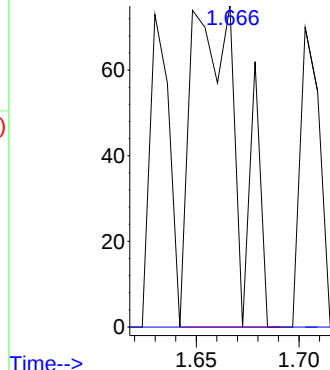
64 100

66 0.0 25.4 38.2#

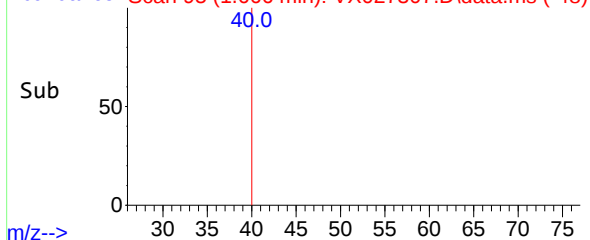
Abundance Scan 95 (1.666 min): VX027307.D\data.ms

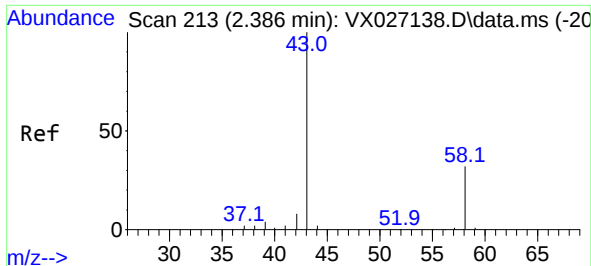


Abundance



Abundance Scan 95 (1.666 min): VX027307.D\data.ms (-48)

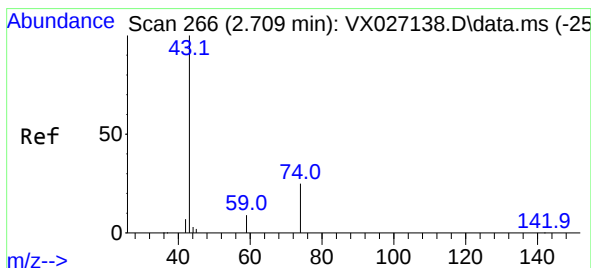
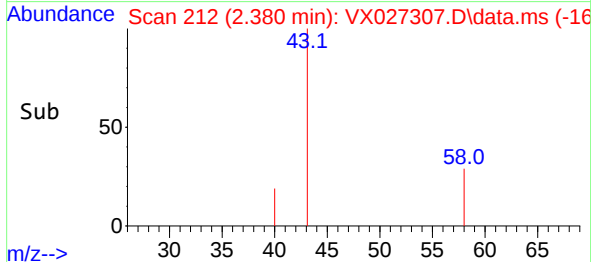
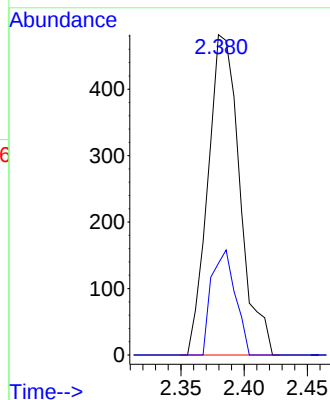
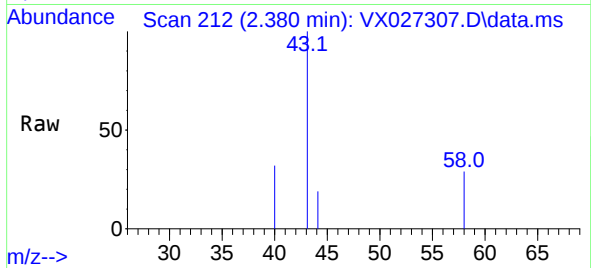




#16
Acetone
Concen: 2.136 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

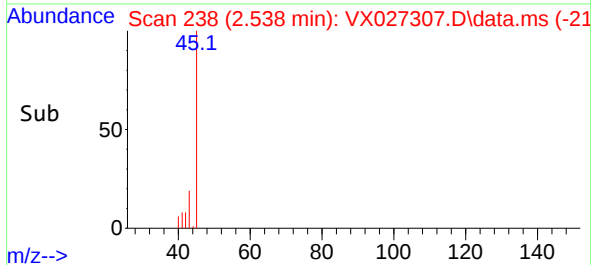
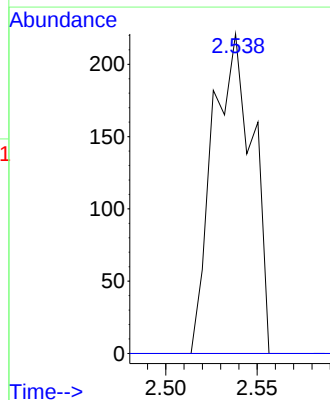
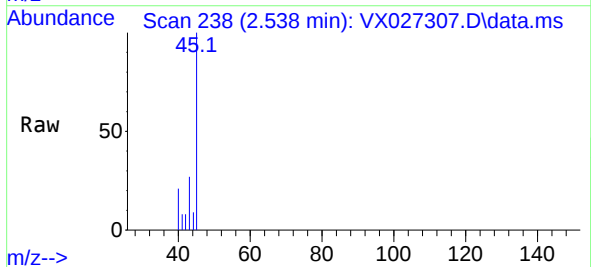
Instrument :
MSVOA_X
ClientSampleId :
MW-5

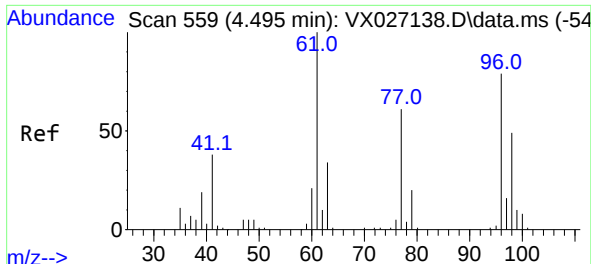
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 28.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.330 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

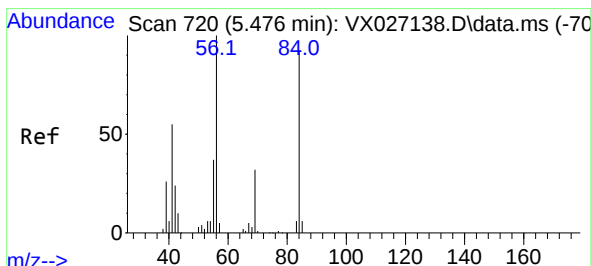
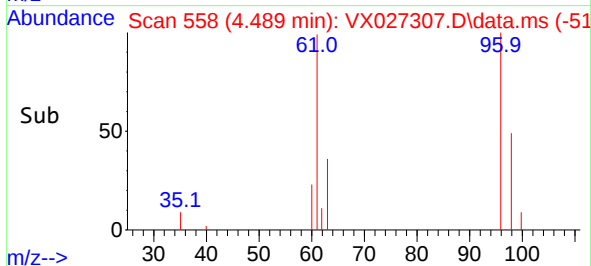
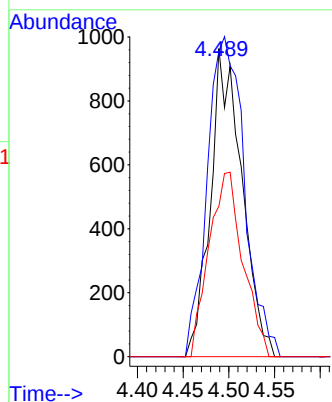
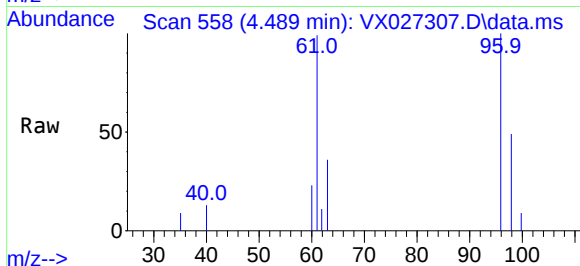




#27
cis-1,2-Dichloroethene
Concen: 2.543 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

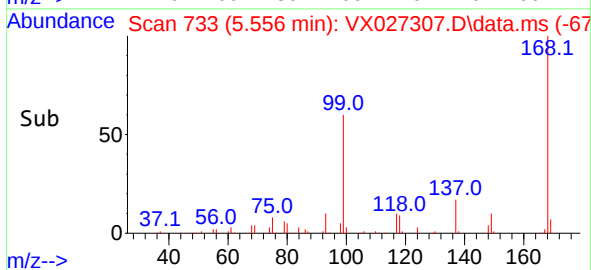
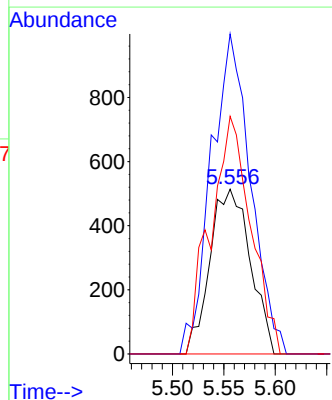
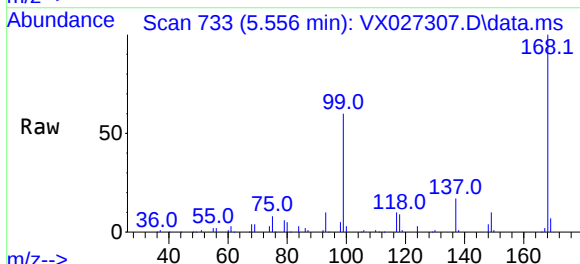
Instrument :
MSVOA_X
ClientSampleId :
MW-5

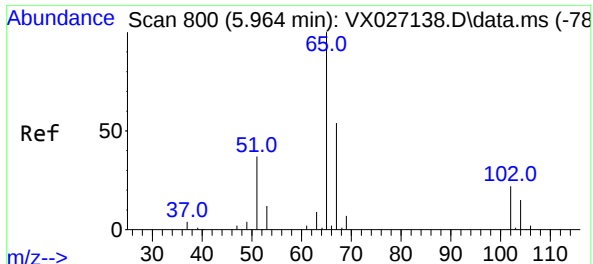
Tgt Ion: 96	Resp: 2302		
Ion Ratio	Lower	Upper	
96	100		
61	122.5	0.0	296.6
98	64.7	0.0	128.8



#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion: 56	Resp: 1401
Ion Ratio	Lower Upper
56 100	
69 194.2	25.8 38.6#
84 144.2	68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.415 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX027307.D

Acq: 04 Mar 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

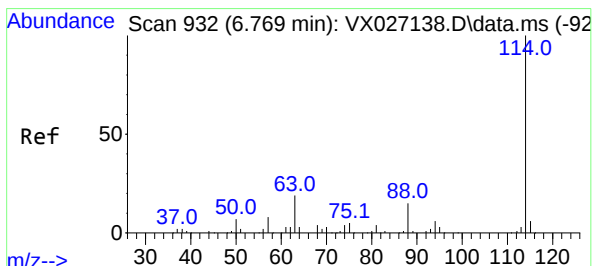
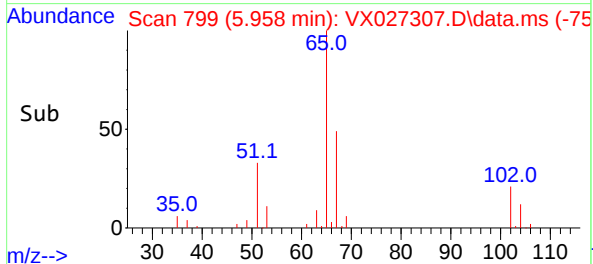
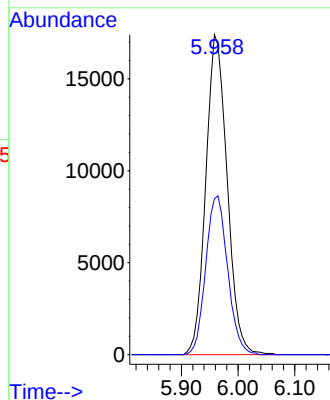
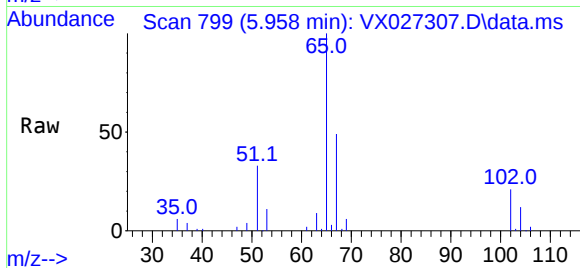
MW-5

Tgt Ion: 65 Resp: 45528

Ion Ratio Lower Upper

65 100

67 50.8 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: VX027307.D

Acq: 04 Mar 2022 17:27

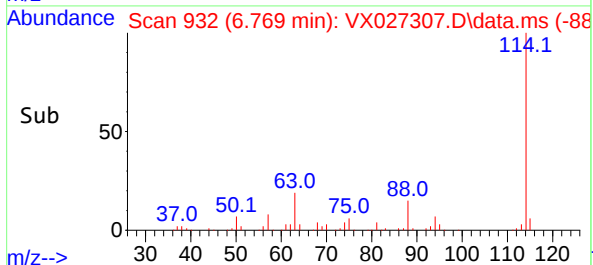
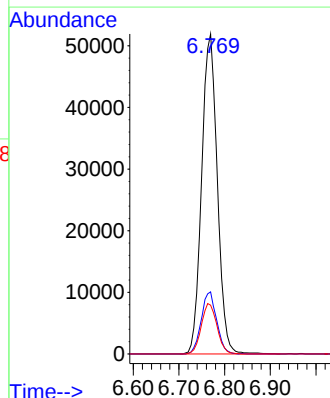
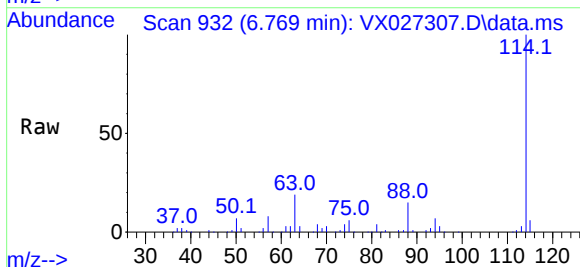
Tgt Ion: 114 Resp: 123501

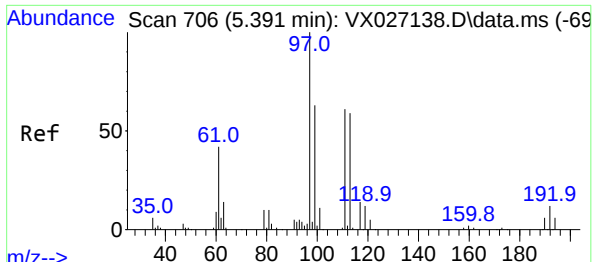
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

88 15.3 0.0 33.0

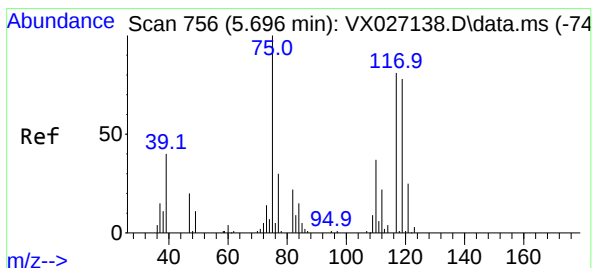
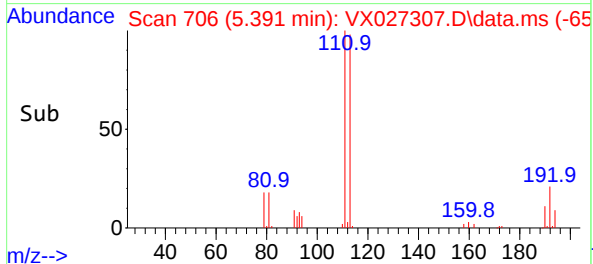
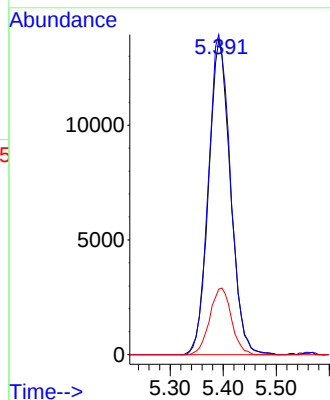
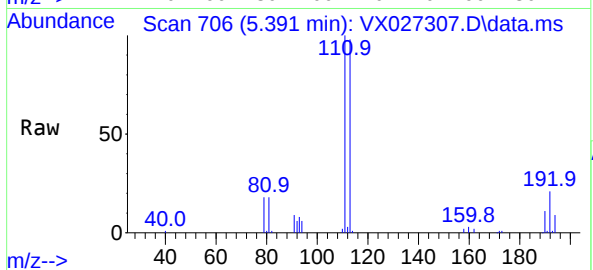




#35
Dibromofluoromethane
Concen: 51.156 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

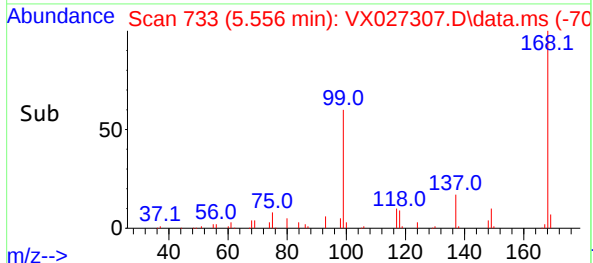
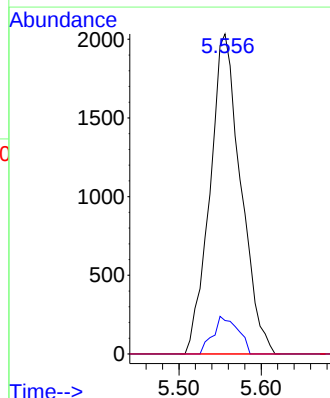
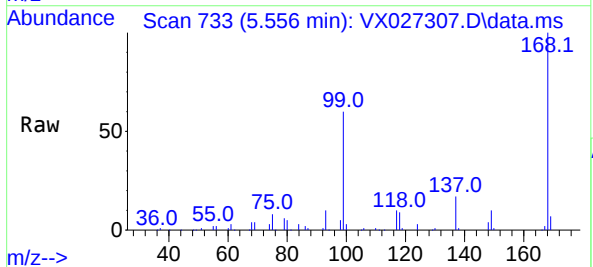
Instrument :
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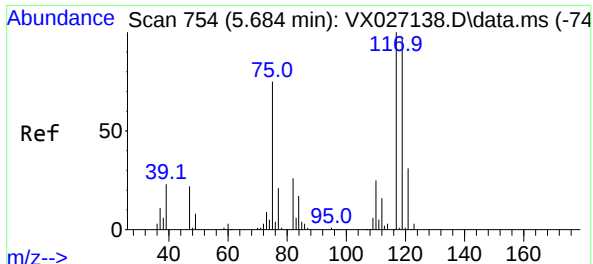
Tgt Ion:113 Resp: 39216
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 21.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion: 75 Resp: 5312
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.6 36.8#

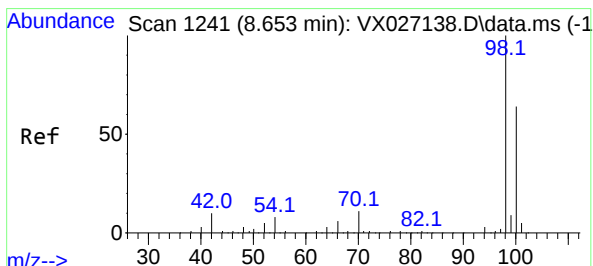
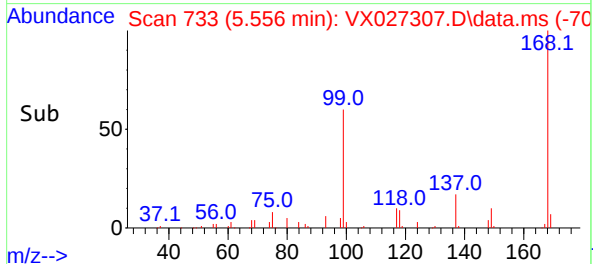
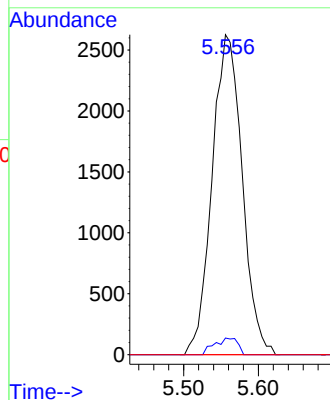
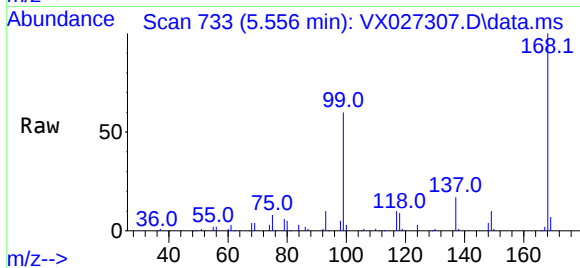




#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

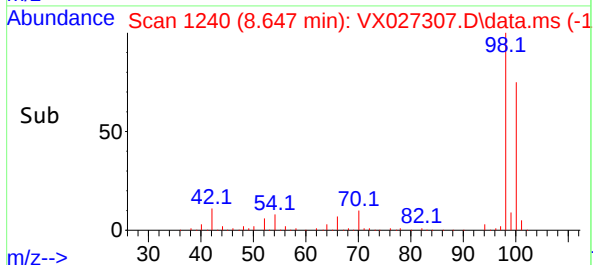
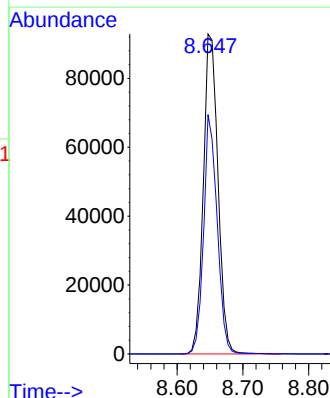
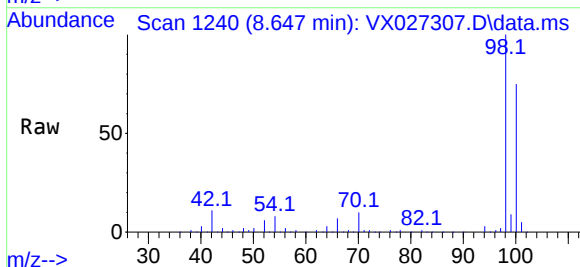
Instrument :
MSVOA_X
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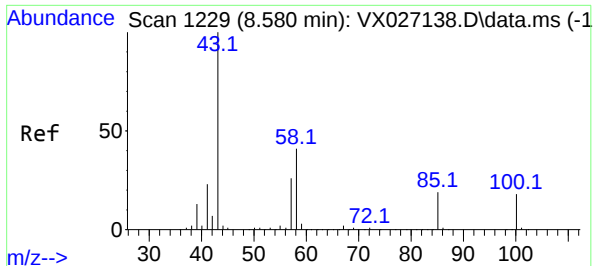
Tgt Ion:117 Resp: 7350
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.301 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion: 98 Resp: 144183
Ion Ratio Lower Upper
98 100
100 69.0 53.2 79.8

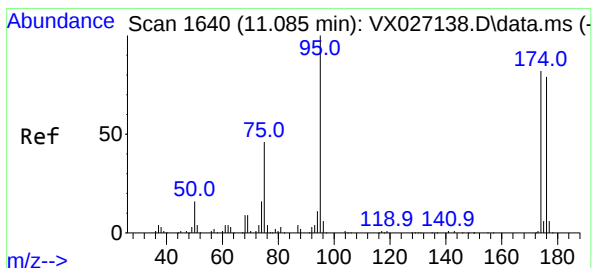
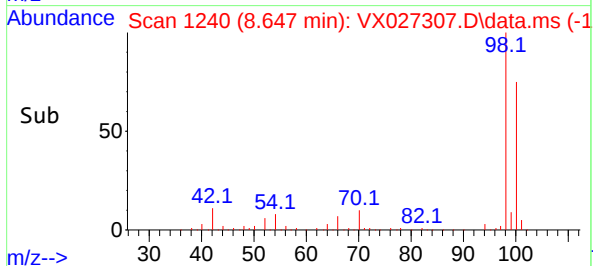
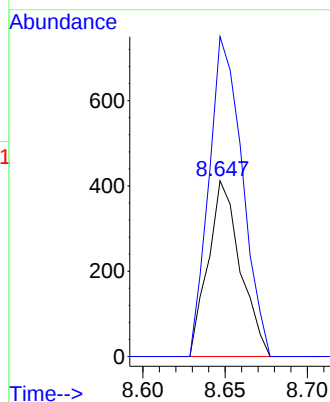
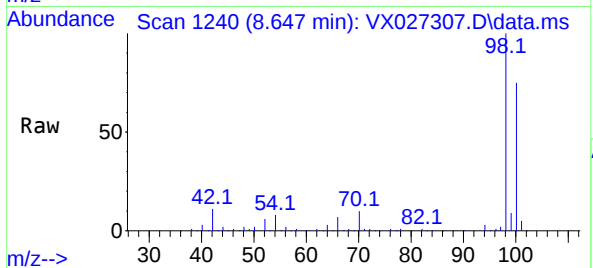




#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

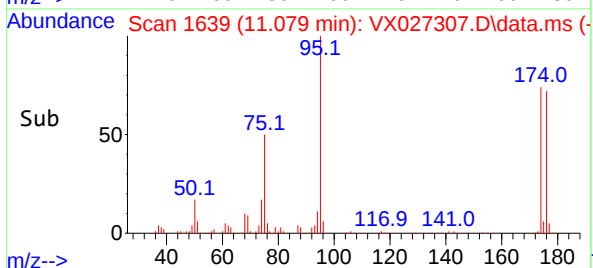
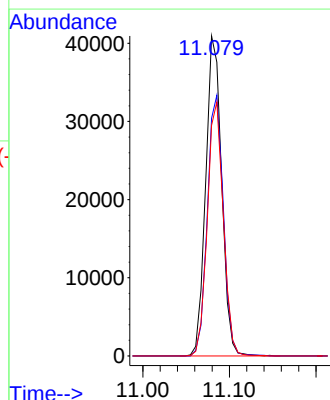
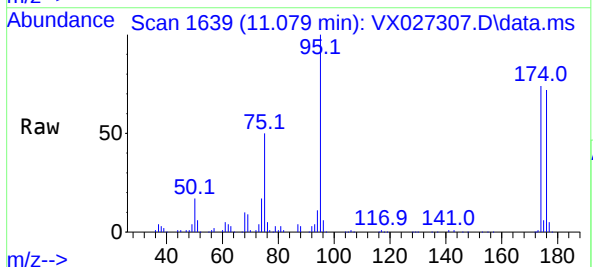
Instrument :
MSVOA_X
ClientSampleId :
MW-5

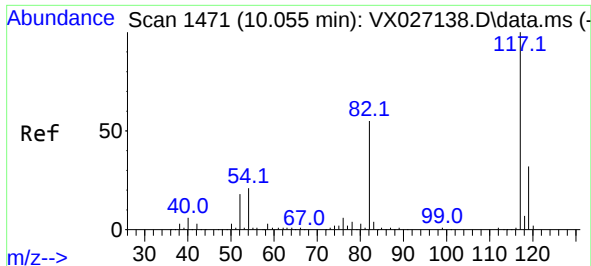
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 188.9 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 47.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion: 95 Resp: 52284
Ion Ratio Lower Upper
95 100
174 81.9 0.0 148.6
176 79.6 0.0 141.4

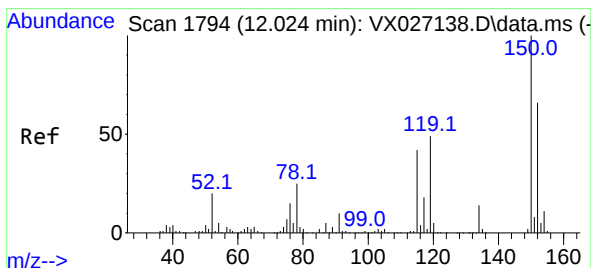
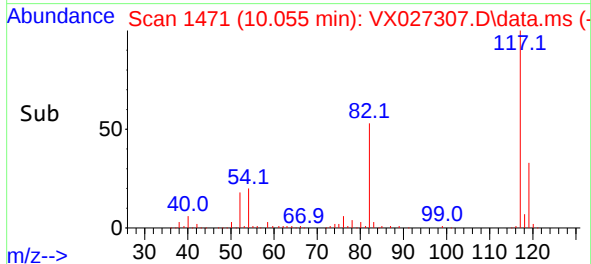
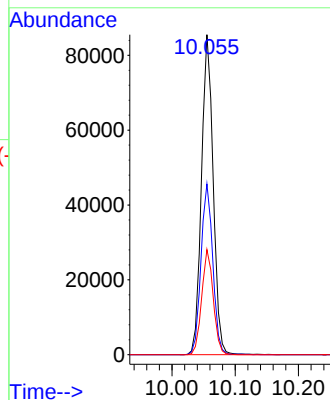
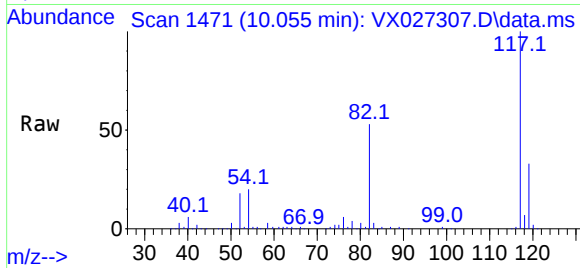




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

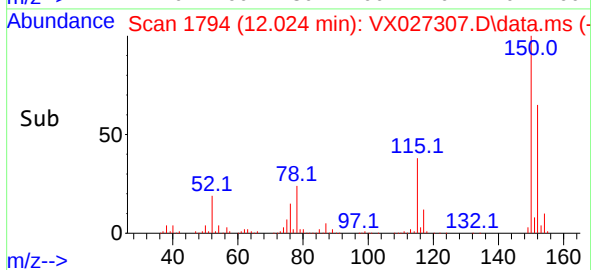
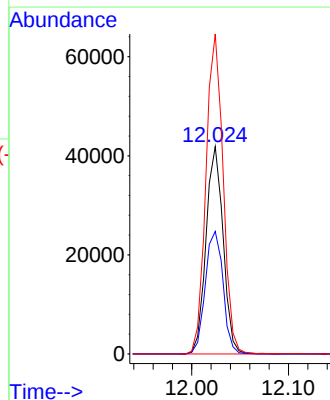
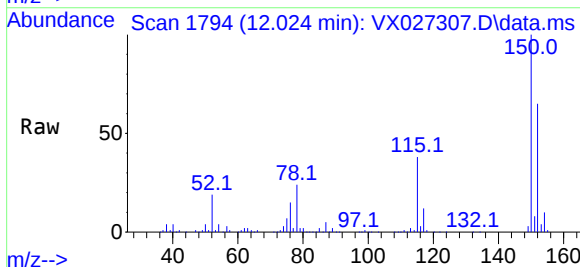
Instrument :
MSVOA_X
ClientSampleId :
MW-5

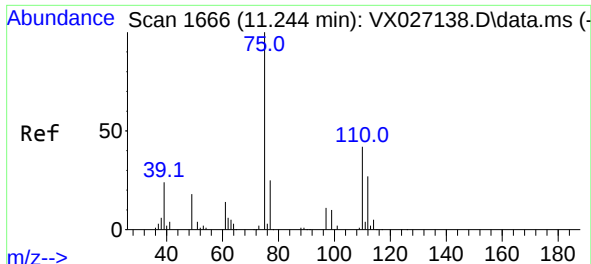
Tgt Ion:117 Resp: 110492
Ion Ratio Lower Upper
117 100
82 53.3 45.2 67.8
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion:152 Resp: 51490
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 154.7 0.0 348.2

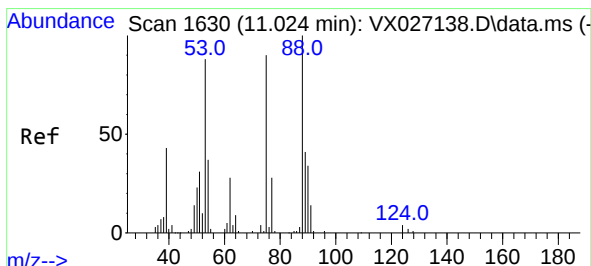
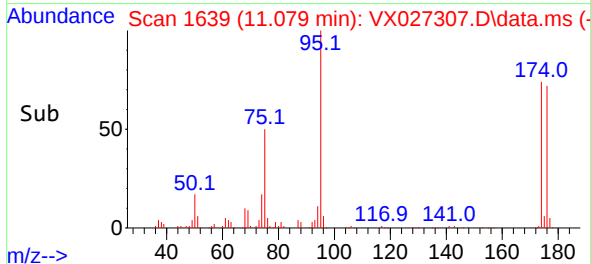
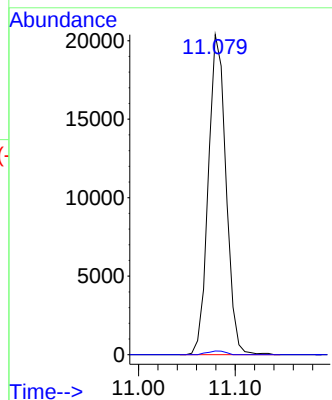
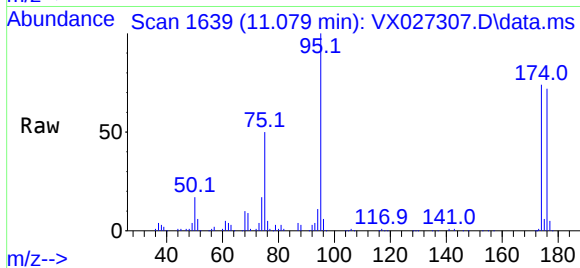




#76
1,2,3-Trichloropropane
Concen: 25.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 75 Resp: 25944
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027307.D
Acq: 04 Mar 2022 17:27

Tgt Ion: 75 Resp: 25944
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

