

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027187.D
 Acq On : 25 Feb 2022 14:32
 Operator : JC/MD
 Sample : N1671-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Feb 25 23:17:27 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	94685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56441	49.633	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.260%
35) Dibromofluoromethane	5.391	113	48821	49.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	8.653	98	178344	48.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	66239	47.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.220%

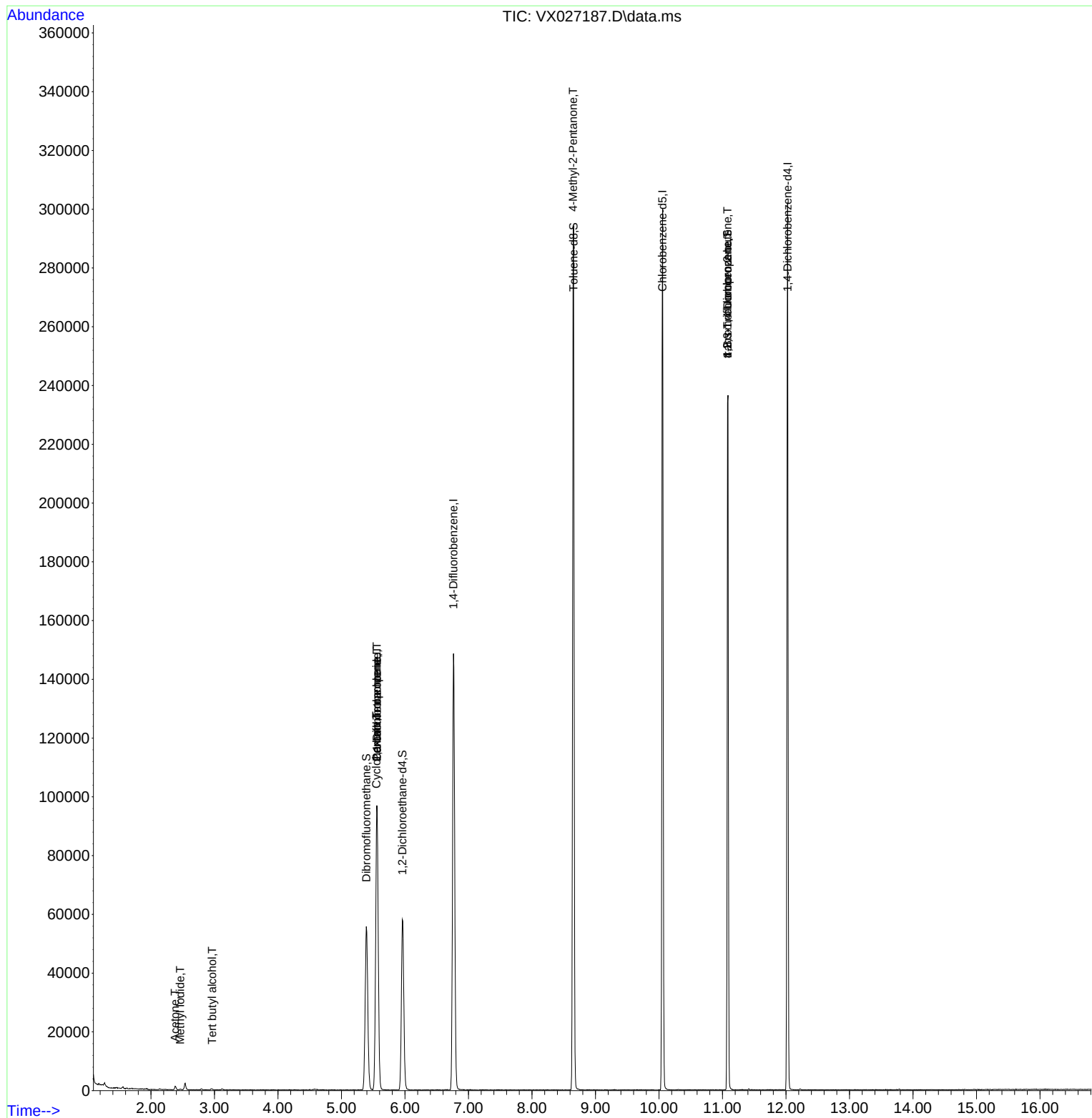
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.624	94	149	Below Cal	#	80
10) Methyl Iodide	2.459	142	255	0.200	ug/l #	79
11) Tert butyl alcohol	2.965	59	381	1.722	ug/l #	75
16) Acetone	2.380	43	1350	2.704	ug/l	96
31) Cyclohexane	5.550	56	1668	0.979	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	6834	4.780	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9353	6.272	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	700	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31891	25.016	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	31891	70.847	ug/l #	3

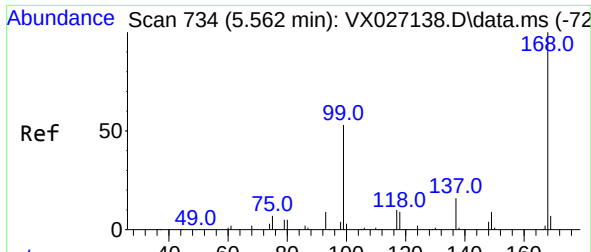
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 25 23:17:27 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

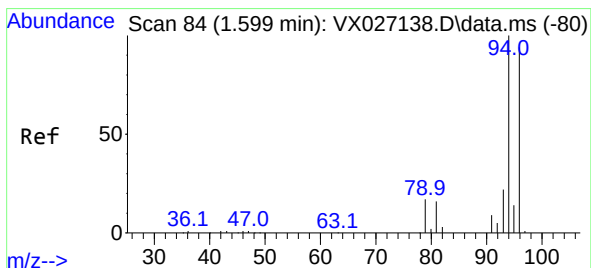
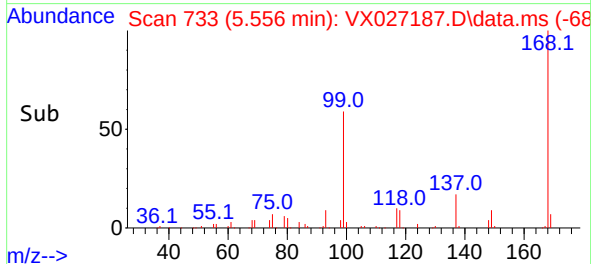
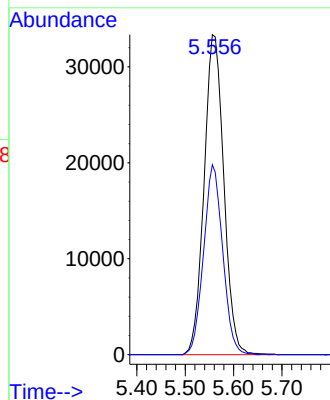
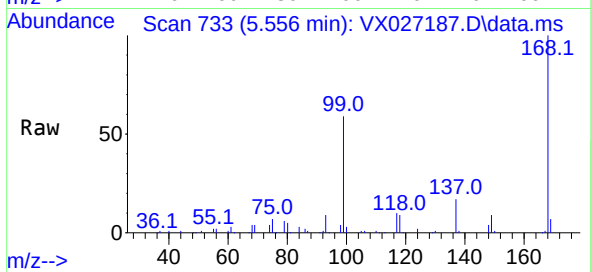




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

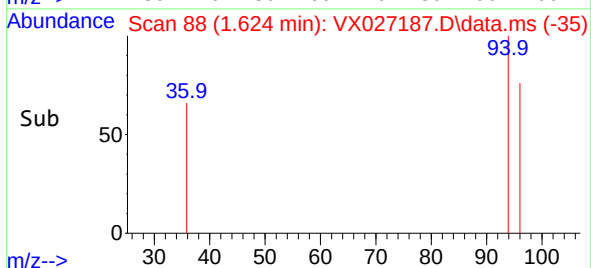
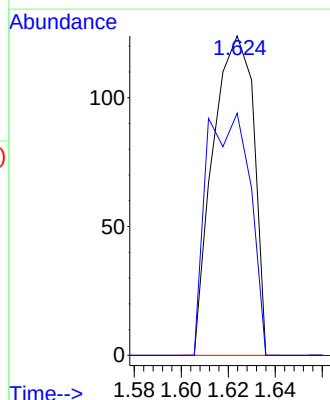
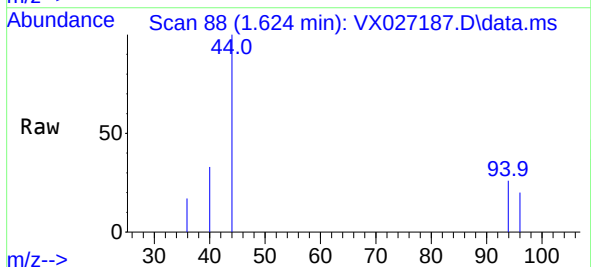
Instrument :
MSVOA_X
ClientSampleId :
MW-2

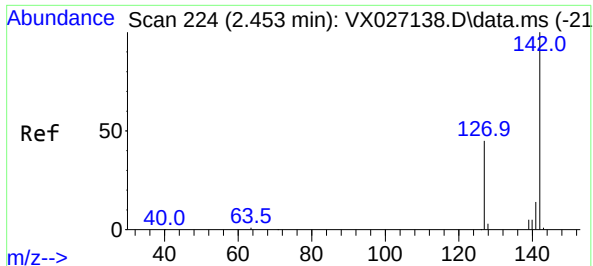
Tgt Ion:168 Resp: 94685
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 75.8 75.9 113.9#

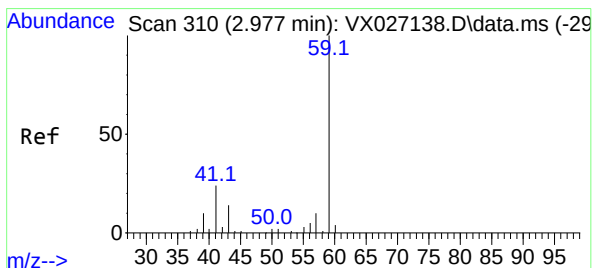
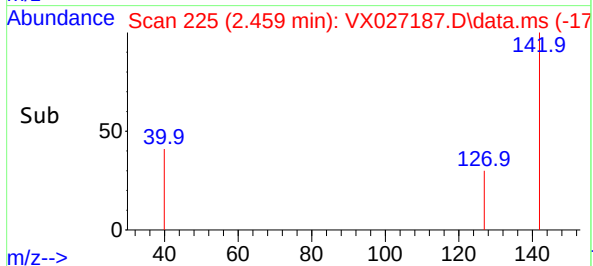
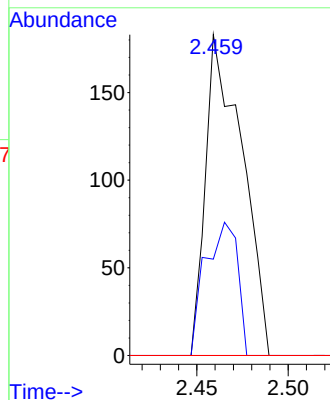
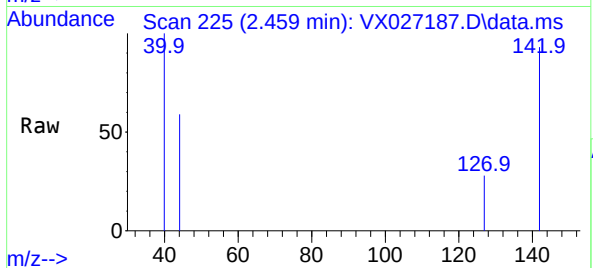




#10
Methyl Iodide
Concen: 0.200 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

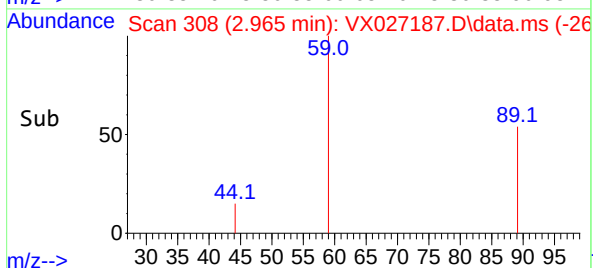
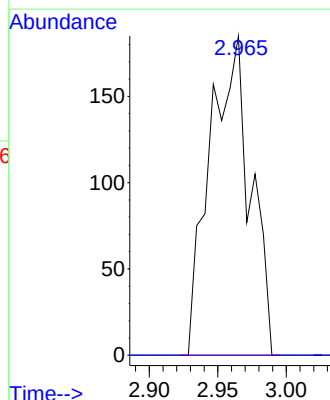
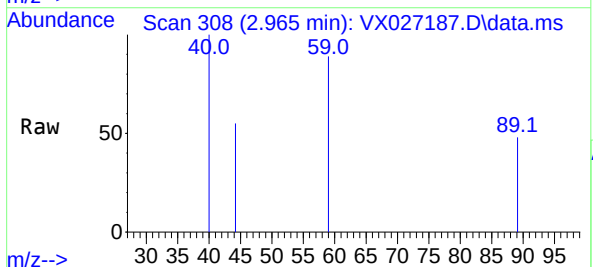
Instrument :
MSVOA_X
ClientSampleId :
MW-2

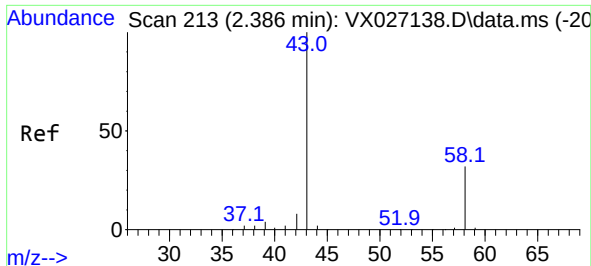
Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
127 36.5 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.722 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Tgt Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

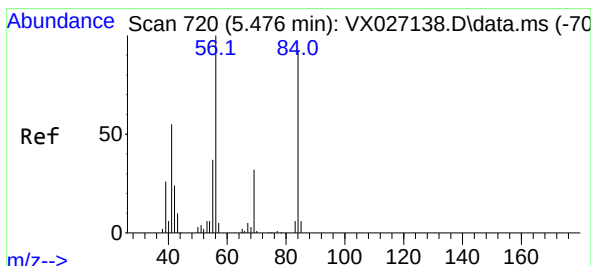
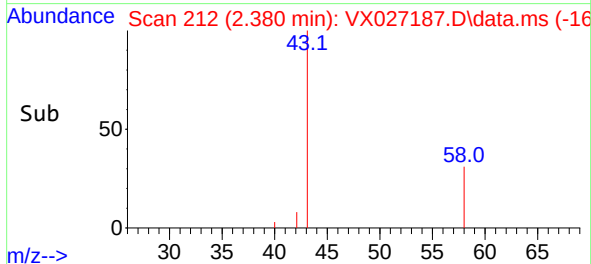
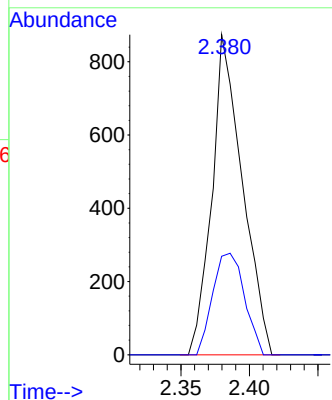
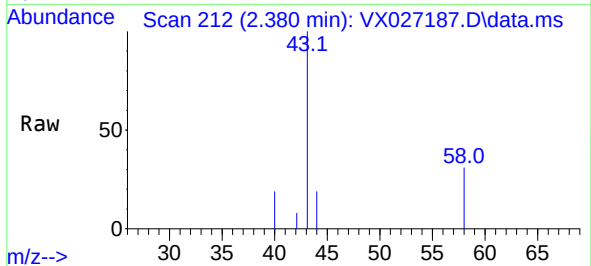




#16
Acetone
Concen: 2.704 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

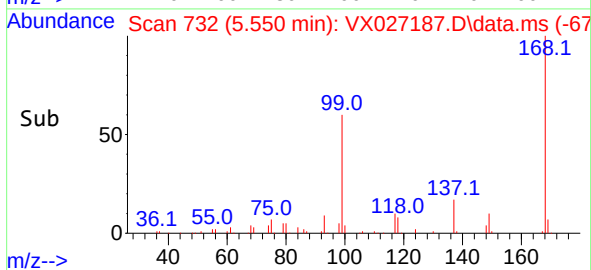
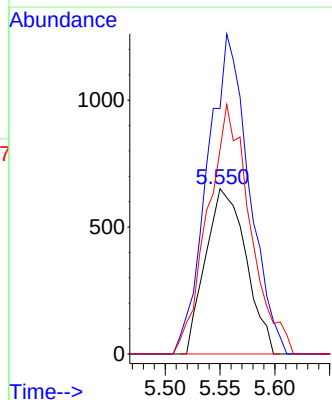
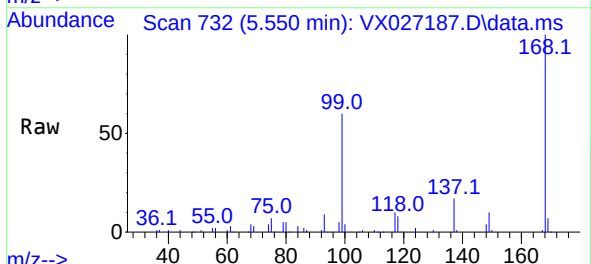
Instrument :
MSVOA_X
ClientSampleId :
MW-2

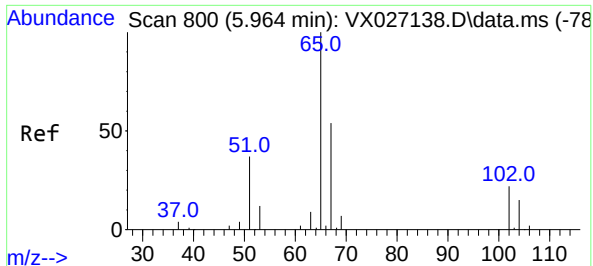
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 30.8 23.0 34.6



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Tgt Ion: 56 Resp: 1668
Ion Ratio Lower Upper
56 100
69 138.4 25.8 38.6#
84 115.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.633 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027187.D

Acq: 25 Feb 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

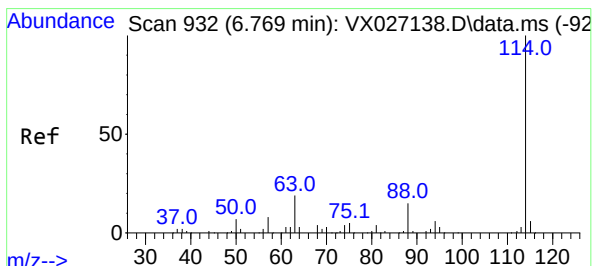
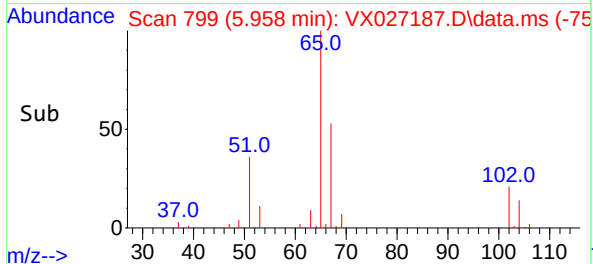
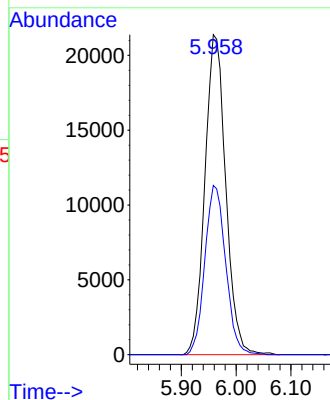
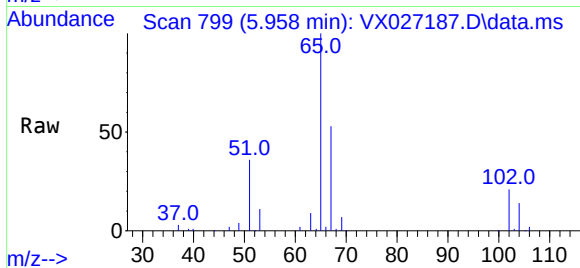
MW-2

Tgt Ion: 65 Resp: 56441

Ion Ratio Lower Upper

65 100

67 52.9 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: VX027187.D

Acq: 25 Feb 2022 14:32

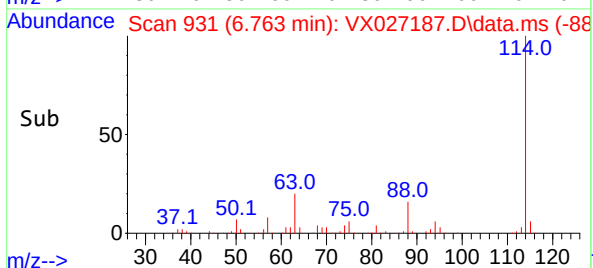
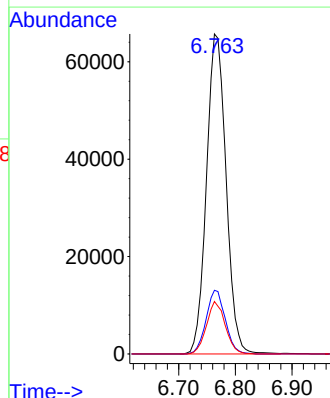
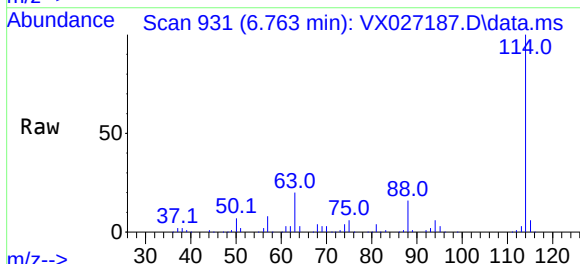
Tgt Ion: 114 Resp: 157830

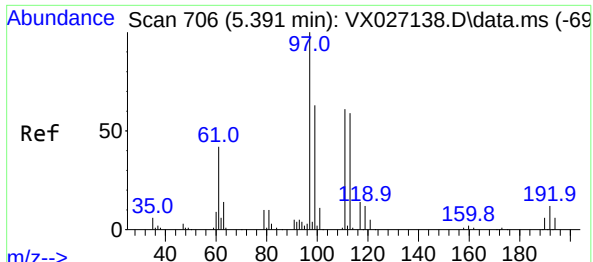
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.4 0.0 33.0

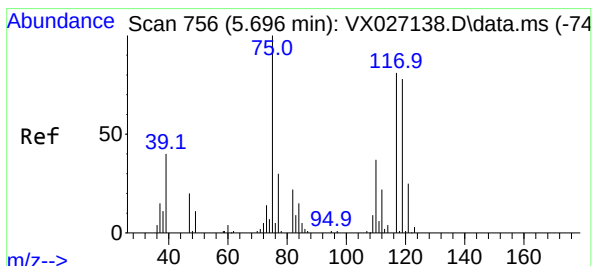
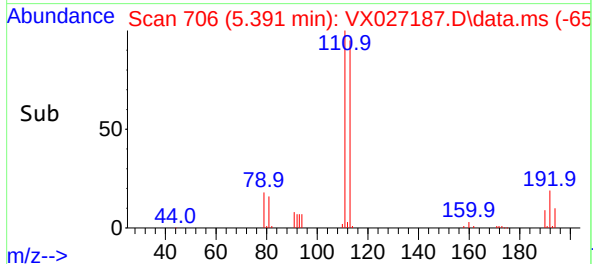
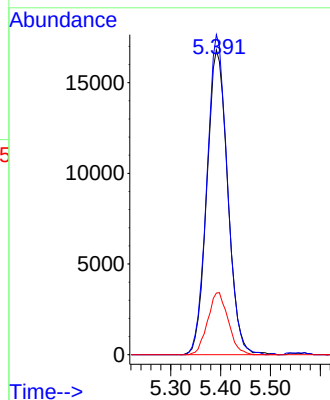
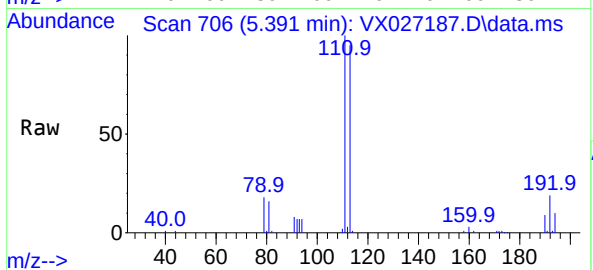




#35
Dibromofluoromethane
Concen: 49.834 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

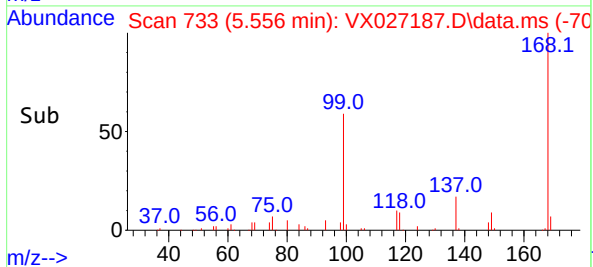
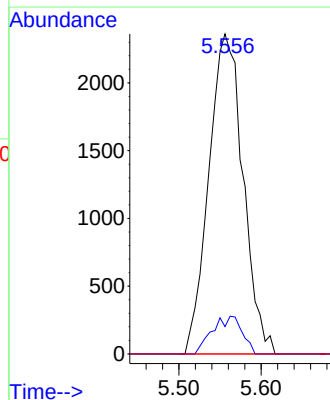
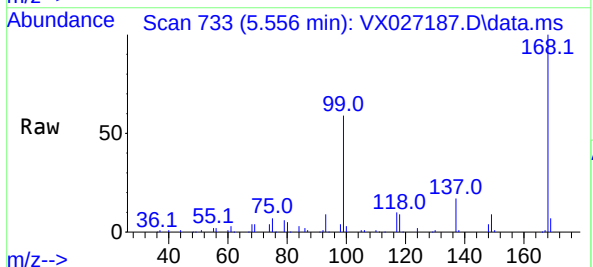
Instrument :
MSVOA_X
ClientSampleId :
MW-2

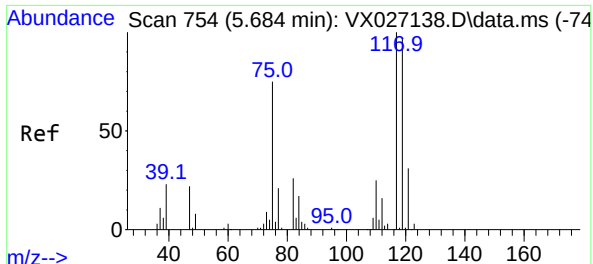
Tgt Ion:113 Resp: 48821
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 20.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Tgt Ion: 75 Resp: 6834
Ion Ratio Lower Upper
75 100
110 10.3 17.2 51.6#
77 0.0 24.6 36.8#

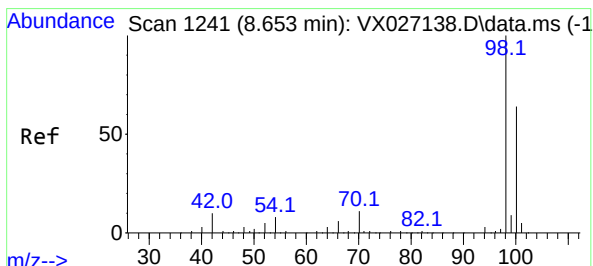
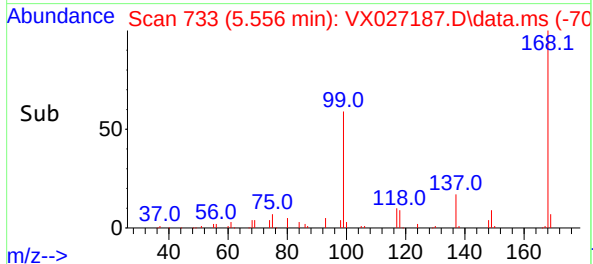
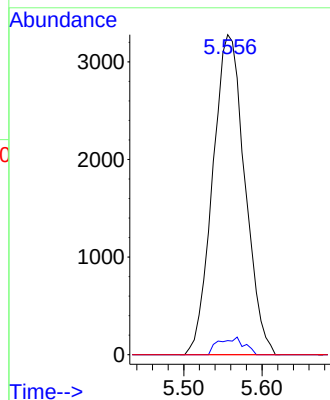
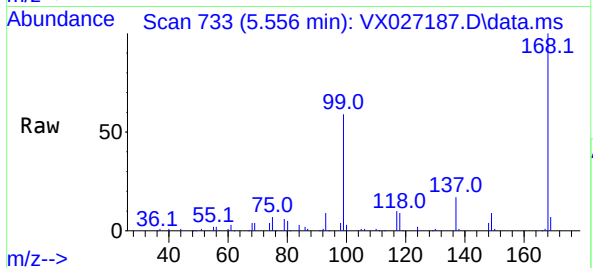




#38
Carbon Tetrachloride
Concen: 6.272 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

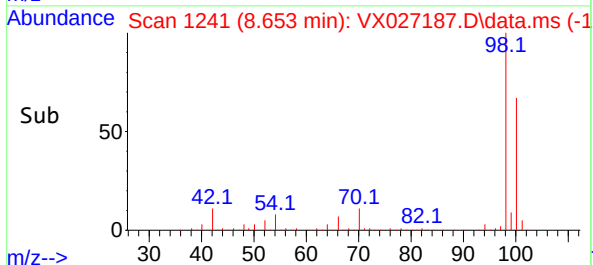
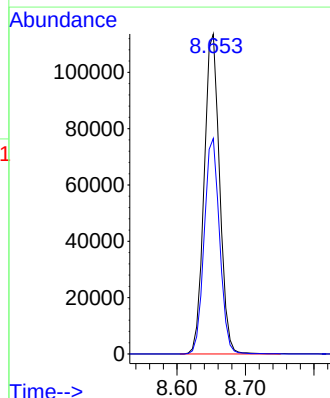
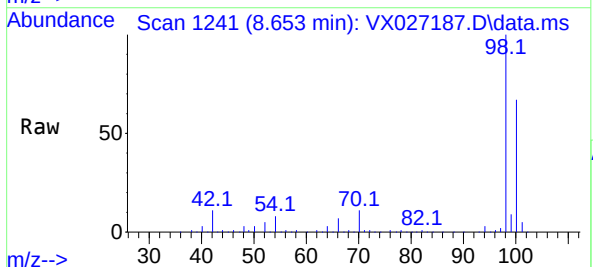
Instrument :
MSVOA_X
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MW-2

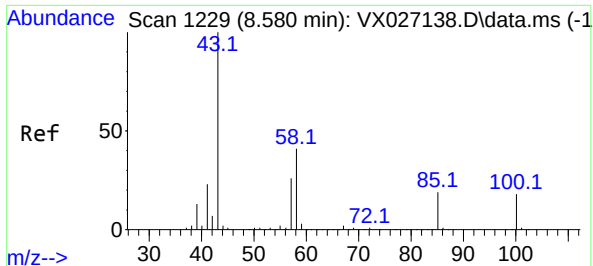
Tgt Ion:117 Resp: 9353
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 48.686 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Tgt Ion: 98 Resp: 178344
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.446 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX027187.D

Acq: 25 Feb 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

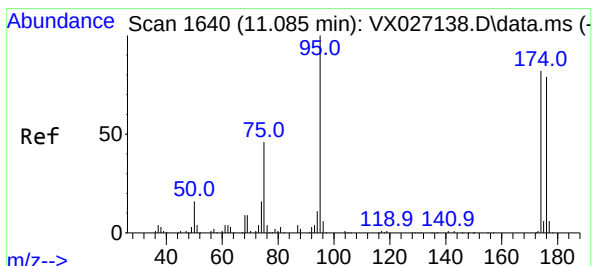
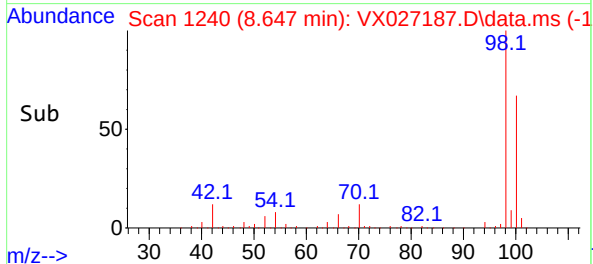
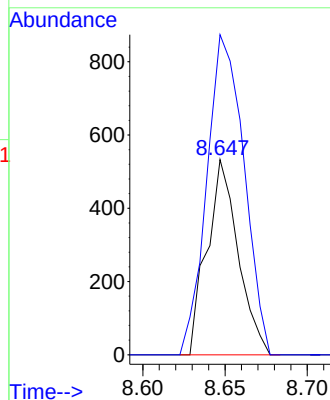
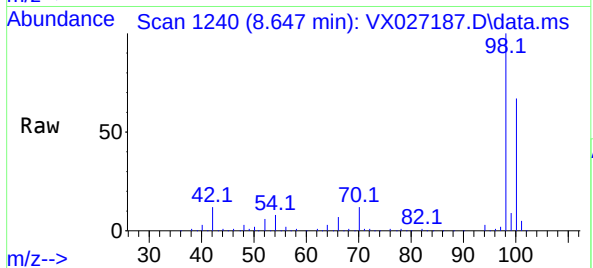
MW-2

Tgt Ion: 43 Resp: 700

Ion Ratio Lower Upper

43 100

58 195.7 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 47.108 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027187.D

Acq: 25 Feb 2022 14:32

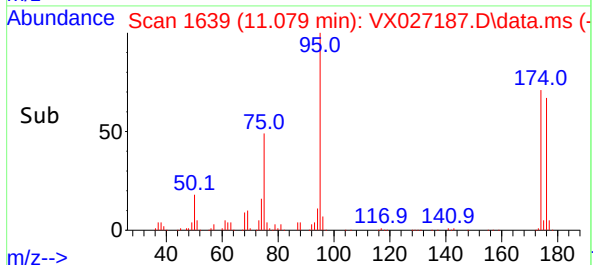
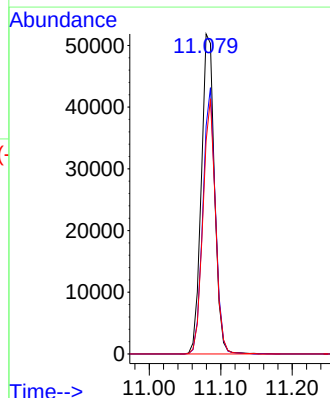
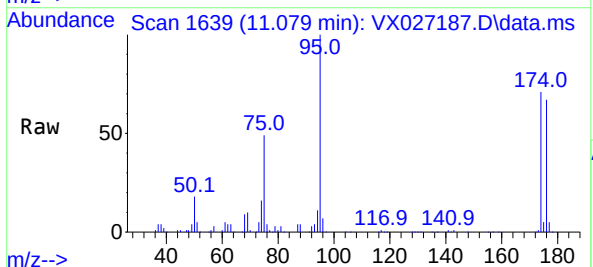
Tgt Ion: 95 Resp: 66239

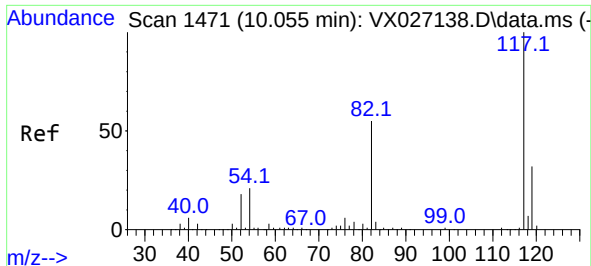
Ion Ratio Lower Upper

95 100

174 79.1 0.0 148.6

176 76.0 0.0 141.4

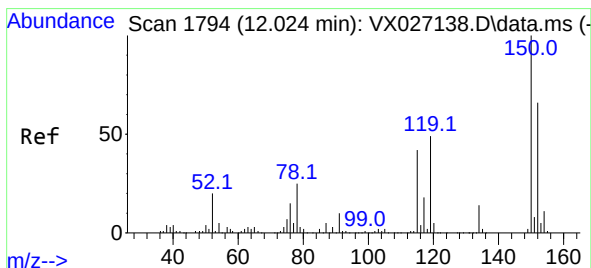
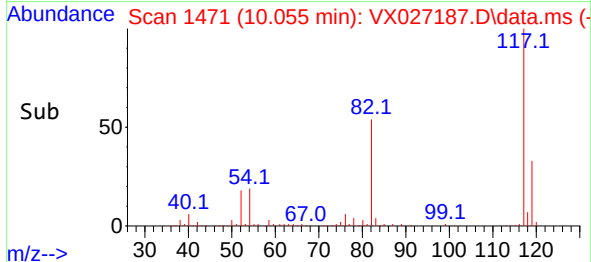
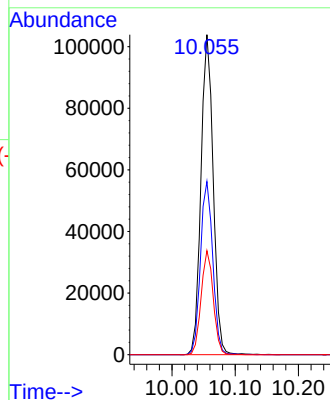
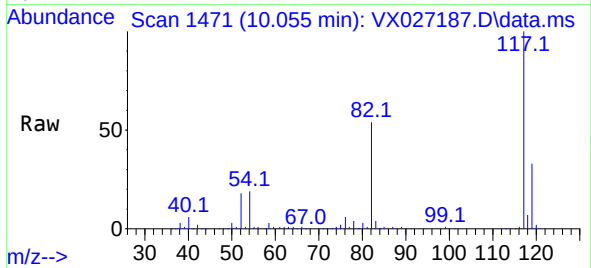




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

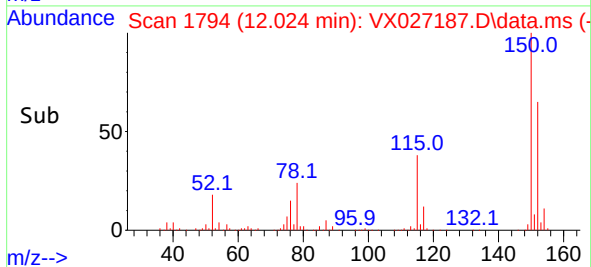
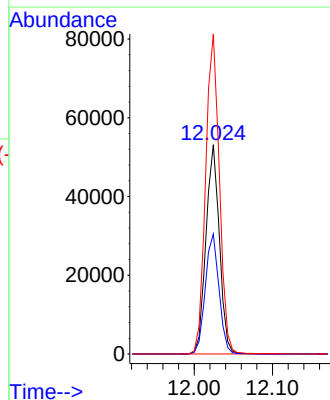
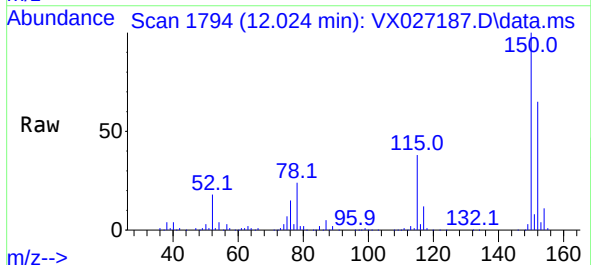
Instrument :
MSVOA_X
ClientSampleId :
MW-2

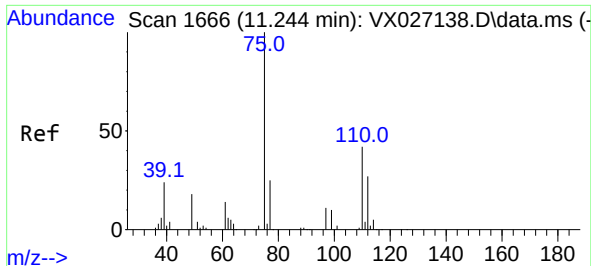
Tgt Ion:117 Resp: 139932
Ion Ratio Lower Upper
117 100
82 54.1 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Tgt Ion:152 Resp: 63290
Ion Ratio Lower Upper
152 100
115 58.4 44.2 132.6
150 156.2 0.0 348.2

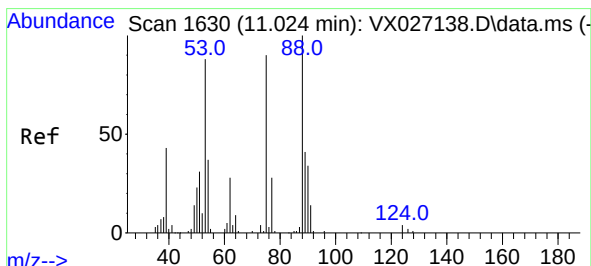
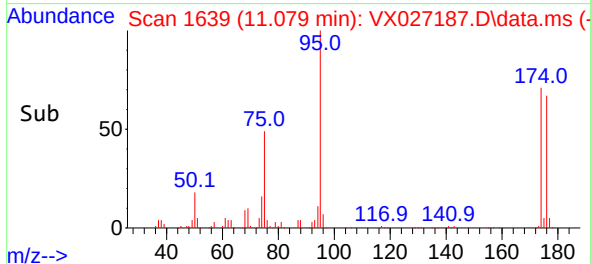
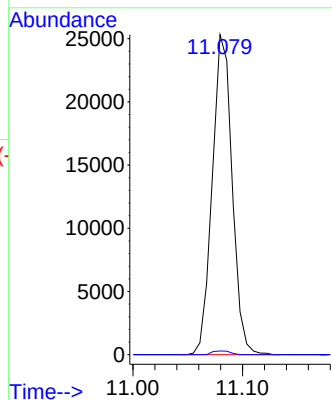
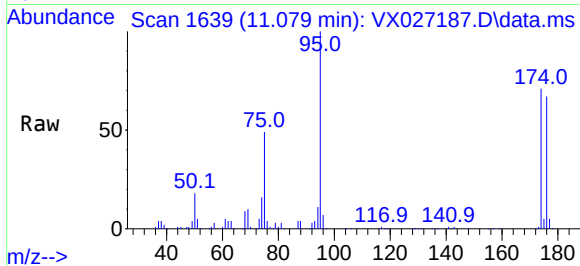




#76
1,2,3-Trichloropropane
Concen: 25.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 31891
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027187.D
Acq: 25 Feb 2022 14:32

Tgt Ion: 75 Resp: 31891
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

