

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027172.D
 Acq On : 24 Feb 2022 16:02
 Operator : JC/MD
 Sample : N1636-01ME
 Misc : 5.04g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-02-022222

Quant Time: Feb 25 00:05:08 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)

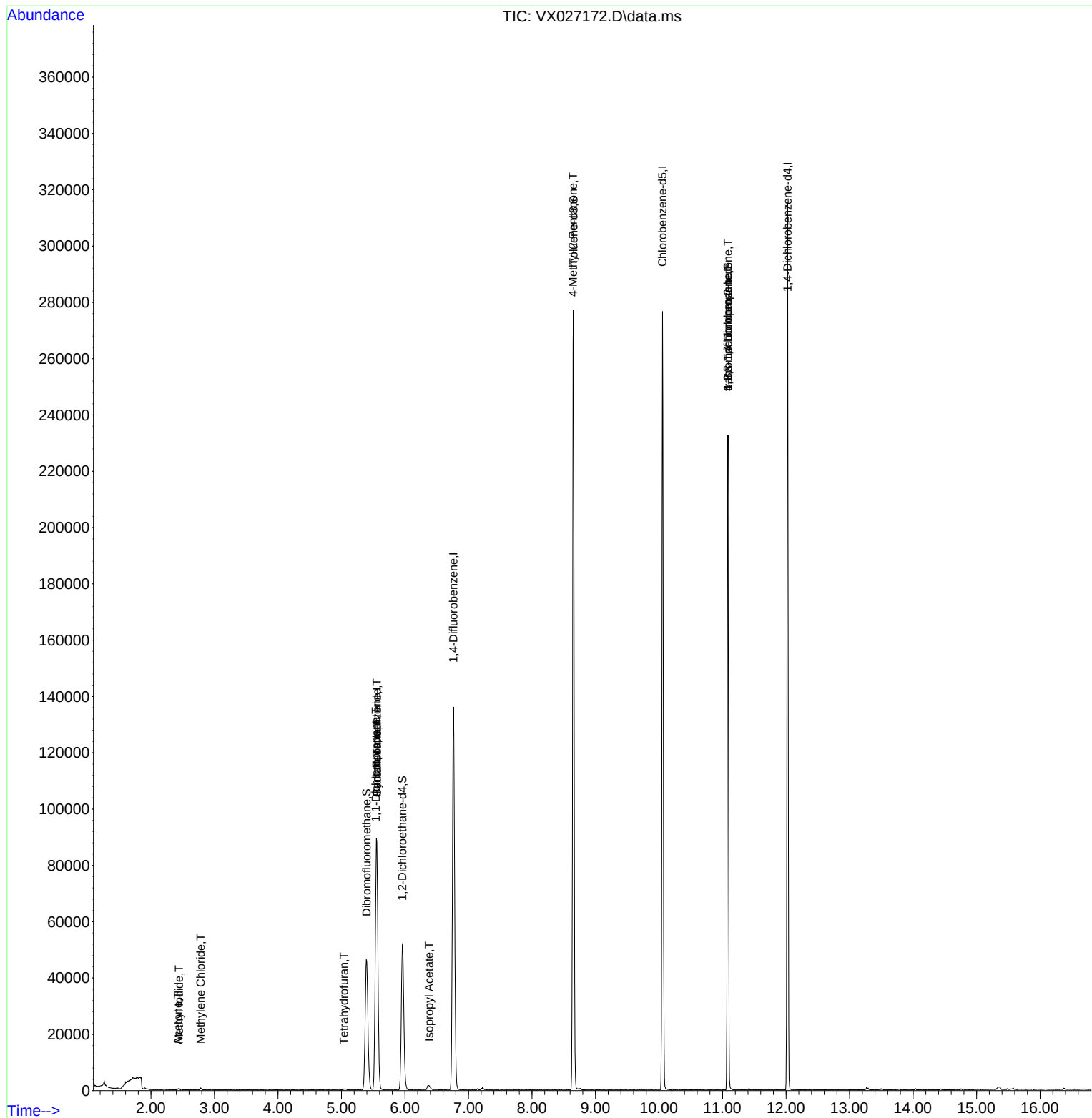
Internal Standards						
1) Pentafluorobenzene	5.556	168	90269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51936	47.905	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.820%		
35) Dibromofluoromethane	5.397	113	43136	46.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	8.653	98	169139	49.154	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.085	95	64838	49.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.180%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	190	Below Cal	#	58
10) Methyl Iodide	2.441	142	410	0.337	ug/l #	81
16) Acetone	2.428	43	273	0.574	ug/l #	46
20) Methylene Chloride	2.782	84	374	0.379	ug/l #	46
29) Tetrahydrofuran	5.038	42	609	1.200	ug/l #	34
31) Cyclohexane	5.556	56	1626	1.001	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6393	4.760	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8791	6.276	ug/l #	18
43) Isopropyl Acetate	6.379	43	1243	0.548	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	703	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30919	23.947	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	30919	68.033	ug/l #	4

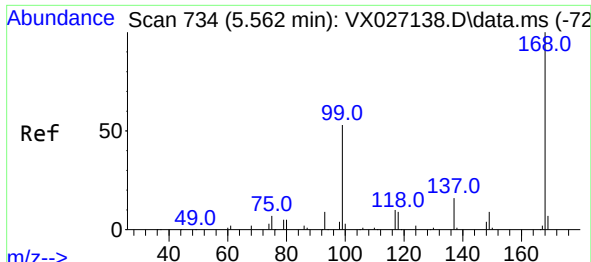
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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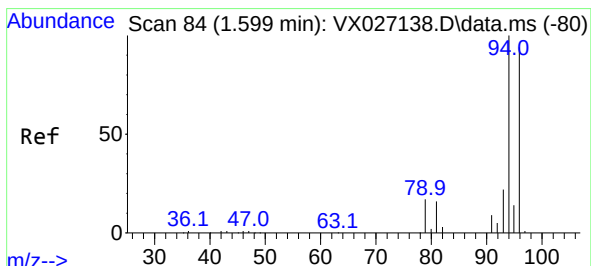
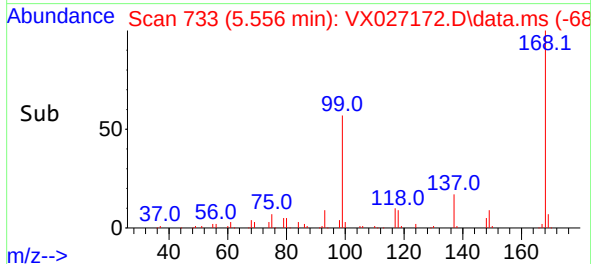
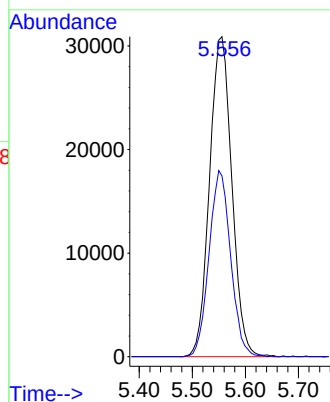
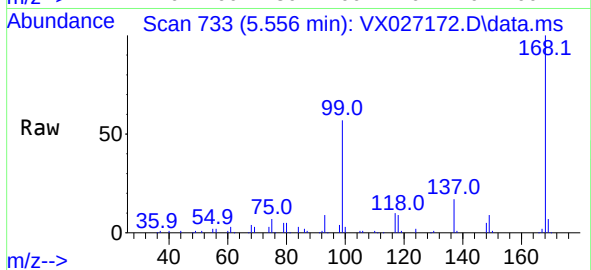




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

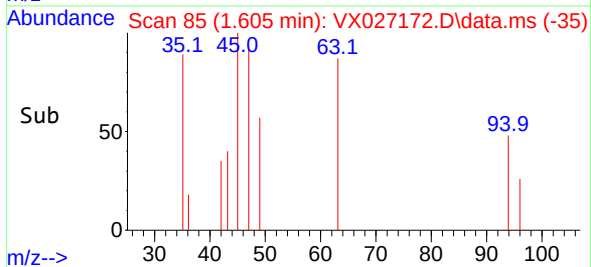
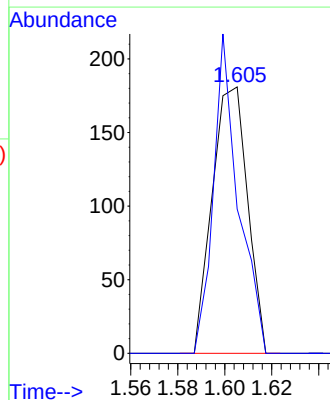
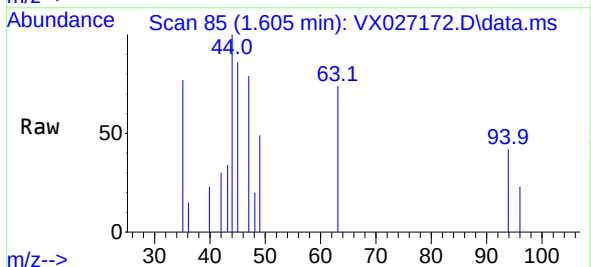
Instrument :
MSVOA_X
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HR-02-022222

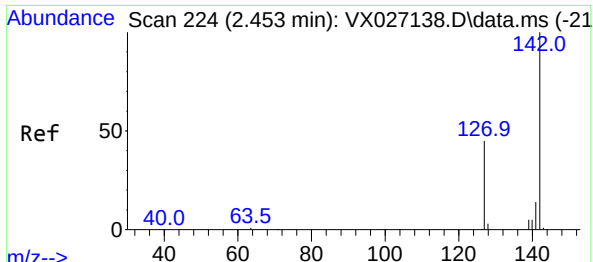
Tgt Ion:168 Resp: 90269
Ion Ratio Lower Upper
168 100
99 56.5 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 54.1 75.9 113.9#

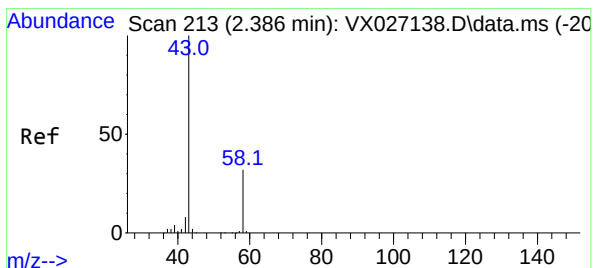
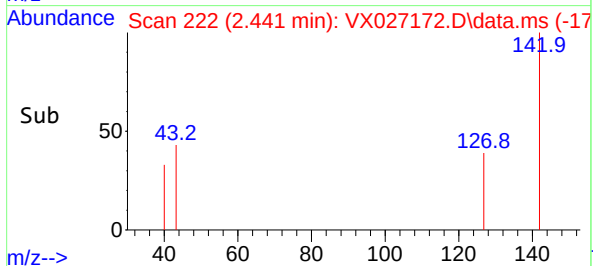
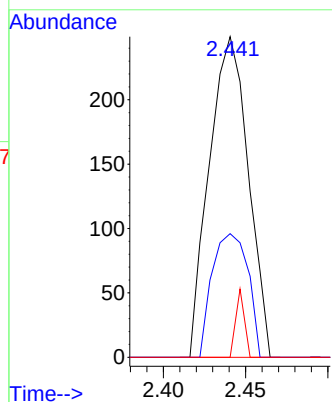
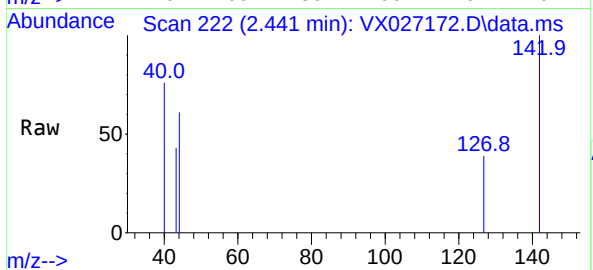




#10
Methyl Iodide
Concen: 0.337 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

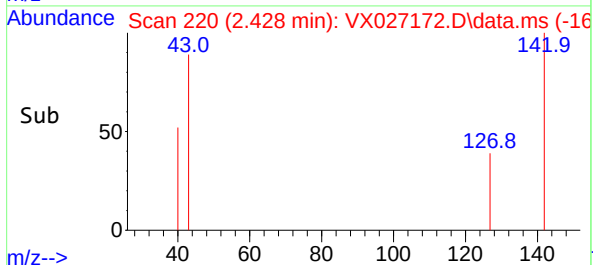
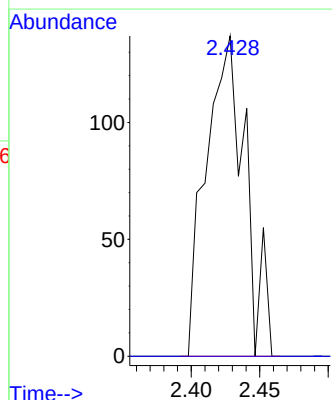
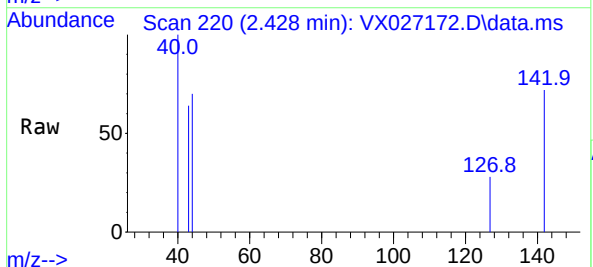
Instrument :
MSVOA_X
ClientSampleId :
HR-02-022222

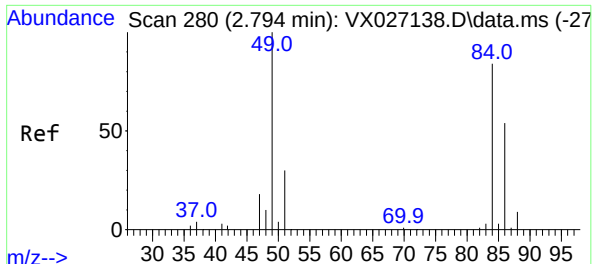
Tgt Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
127 35.4 38.1 57.1#
141 4.6 11.2 16.8#



#16
Acetone
Concen: 0.574 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.042 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#





#20

Methylene Chloride

Concen: 0.379 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX027172.D

Acq: 24 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

HR-02-022222

Tgt Ion: 84 Resp: 374

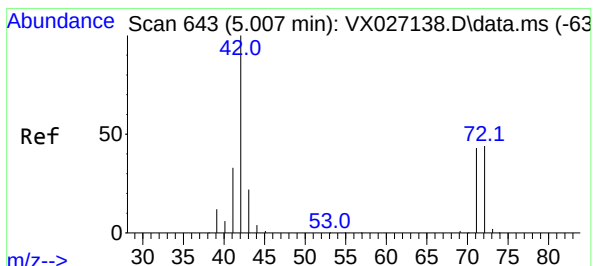
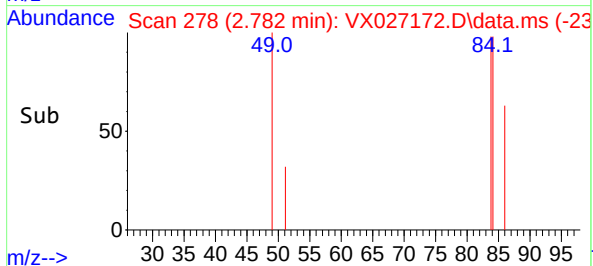
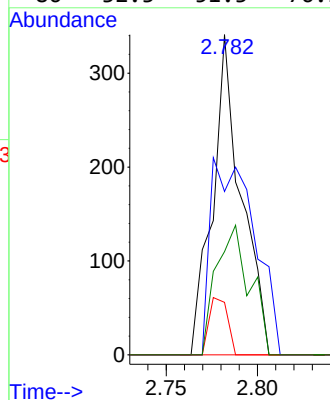
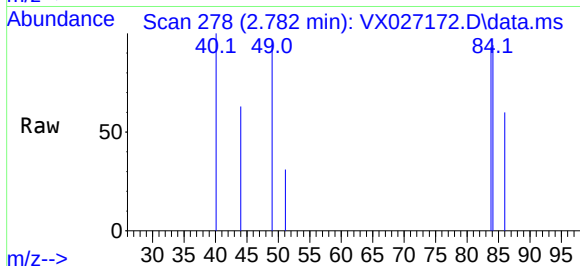
Ion Ratio Lower Upper

84 100

49 51.0 101.5 152.3#

51 16.4 31.2 46.8#

86 32.3 51.3 76.9#



#29

Tetrahydrofuran

Concen: 1.200 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.031 min

Lab File: VX027172.D

Acq: 24 Feb 2022 16:02

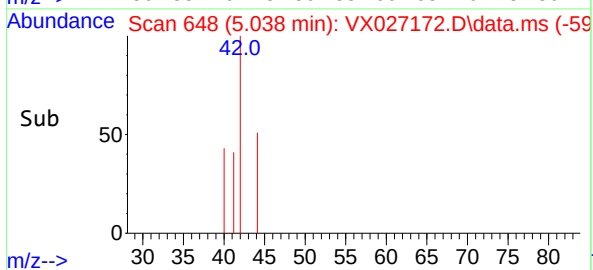
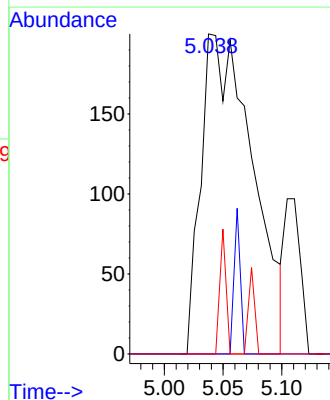
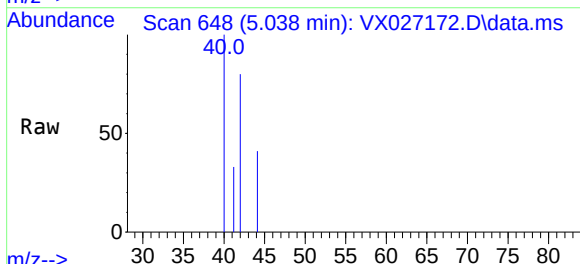
Tgt Ion: 42 Resp: 609

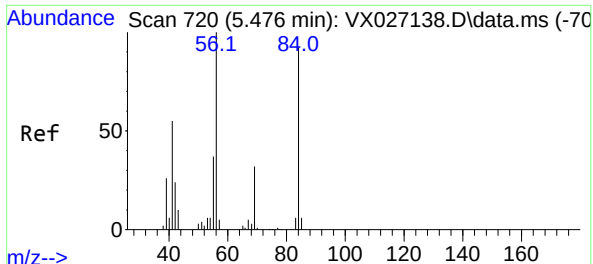
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#

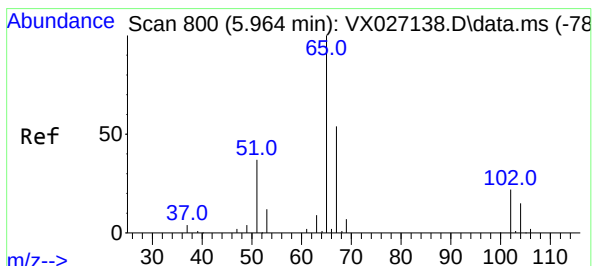
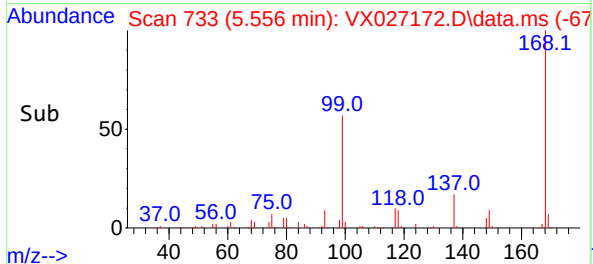
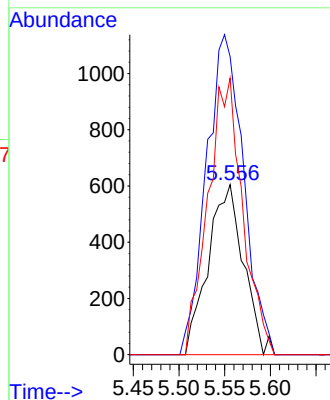
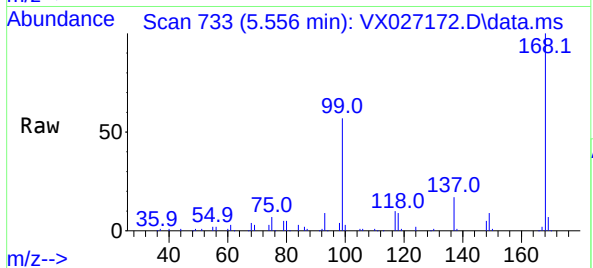




#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

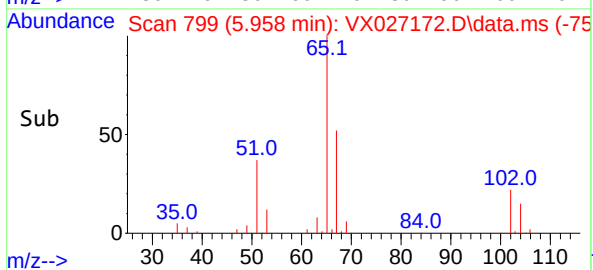
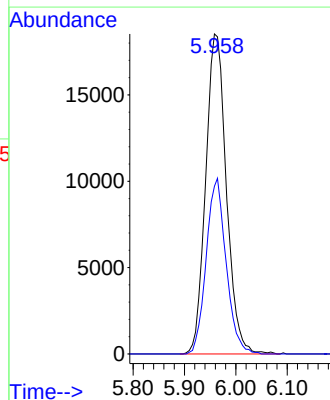
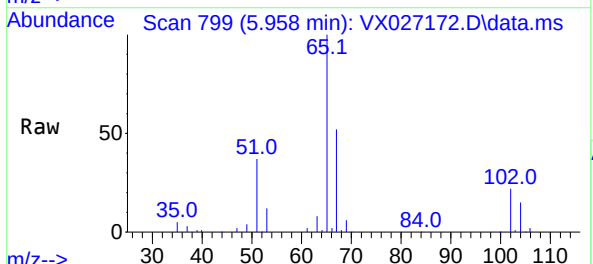
Instrument :
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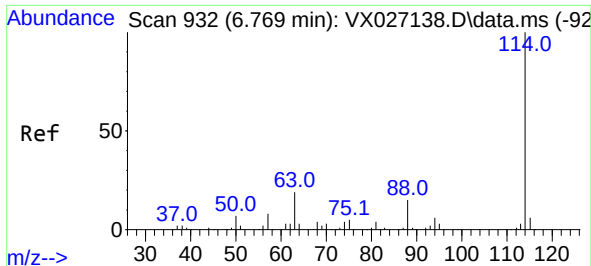
Tgt Ion: 56 Resp: 1626
Ion Ratio Lower Upper
56 100
69 175.2 25.8 38.6#
84 162.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.905 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Tgt Ion: 65 Resp: 51936
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.8

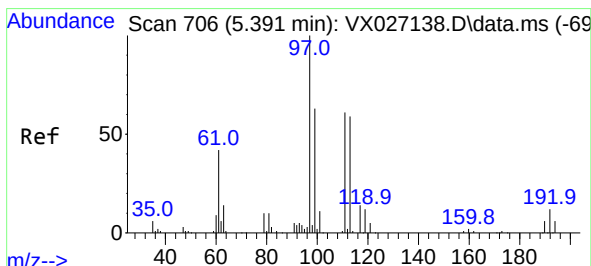
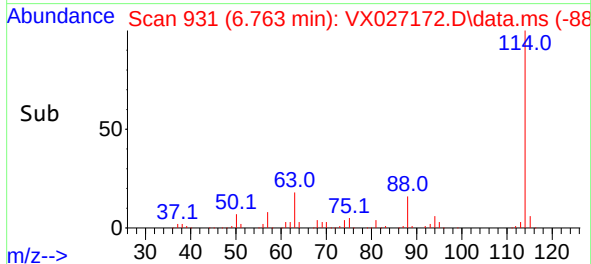
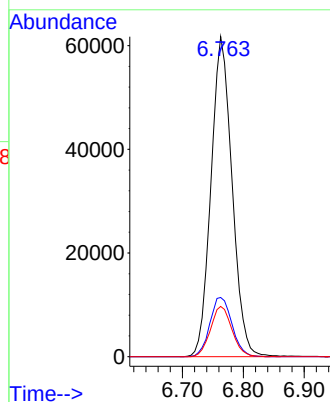
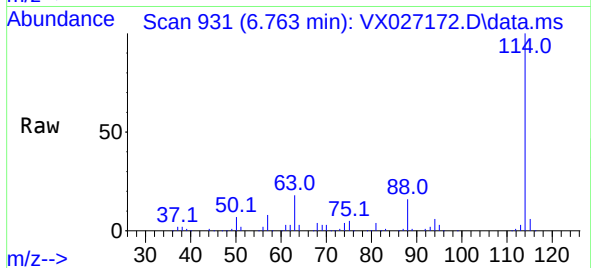




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

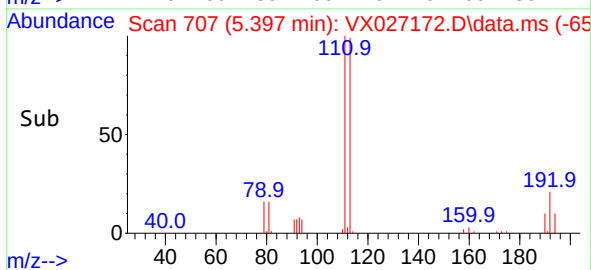
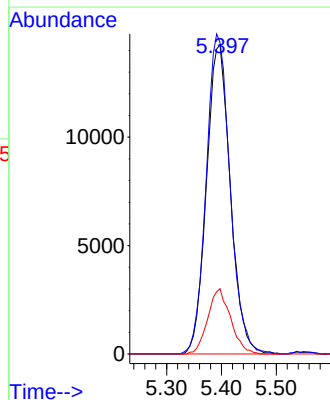
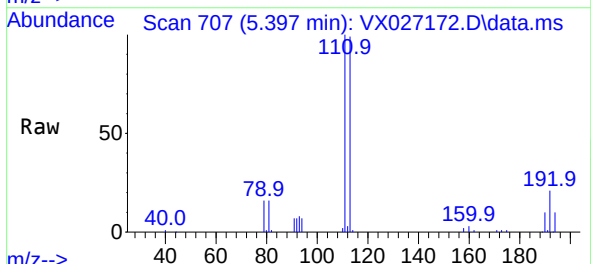
Instrument :
MSVOA_X
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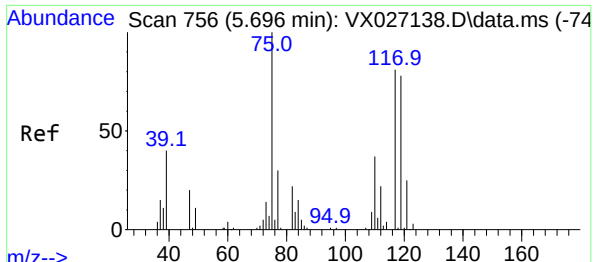
Tgt Ion:114 Resp: 148258
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.874 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Tgt Ion:113 Resp: 43136
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 20.2 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX027172.D

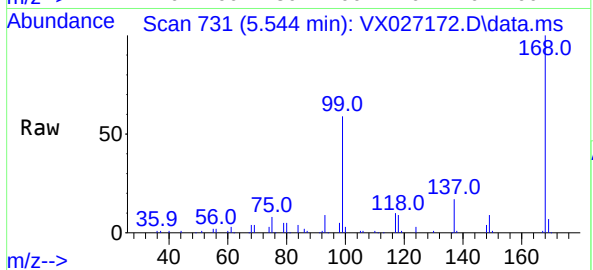
Acq: 24 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

HR-02-022222



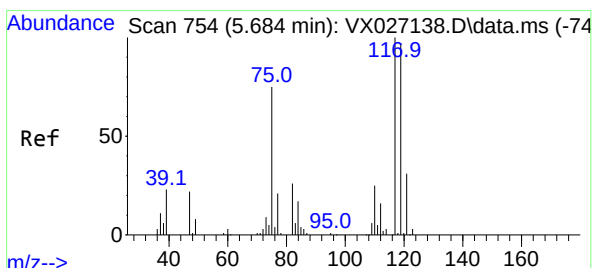
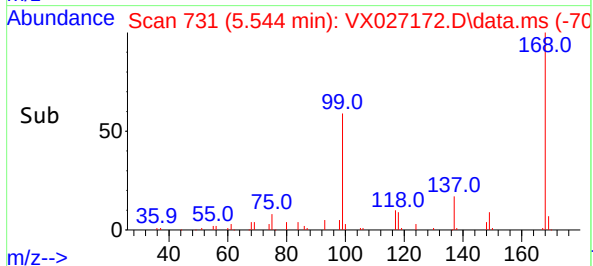
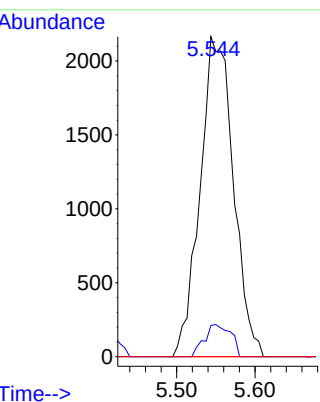
Tgt Ion: 75 Resp: 6393

Ion Ratio Lower Upper

75 100

110 8.0 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

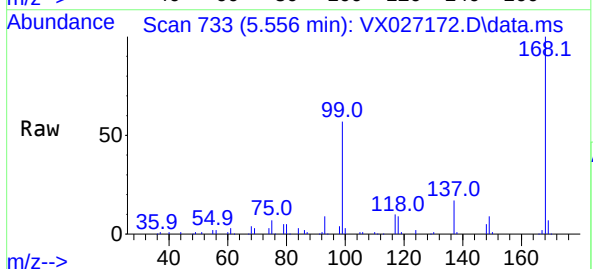
Concen: 6.276 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027172.D

Acq: 24 Feb 2022 16:02



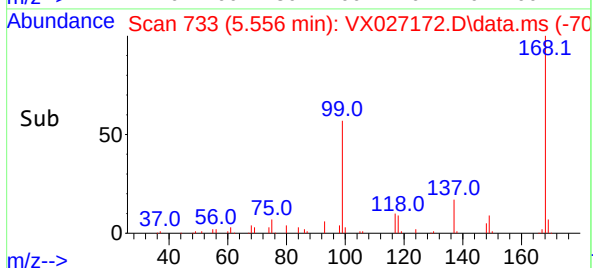
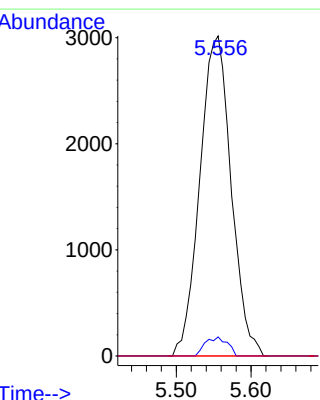
Tgt Ion: 117 Resp: 8791

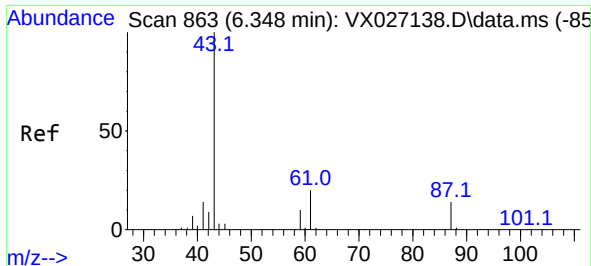
Ion Ratio Lower Upper

117 100

119 6.0 74.7 112.1#

121 0.0 25.4 38.0#

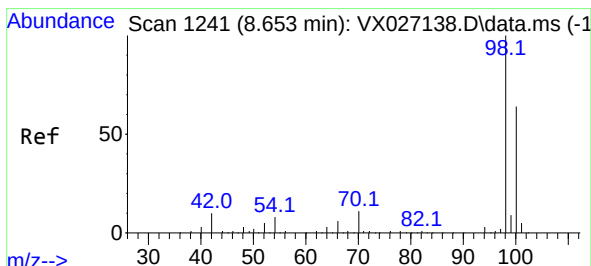
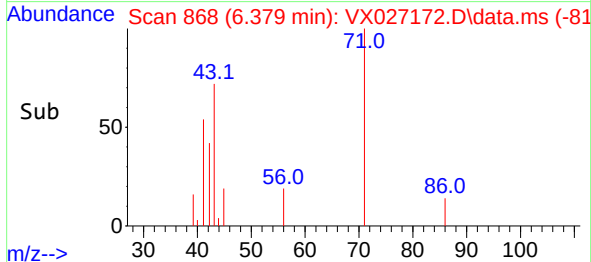
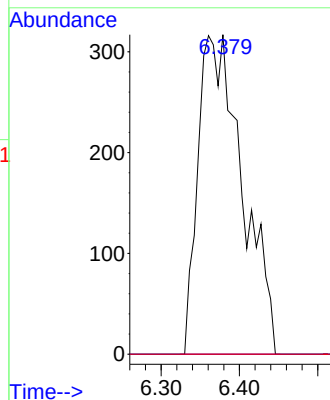
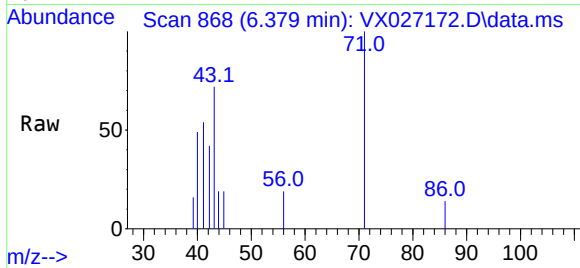




#43
Isopropyl Acetate
Concen: 0.548 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.031 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

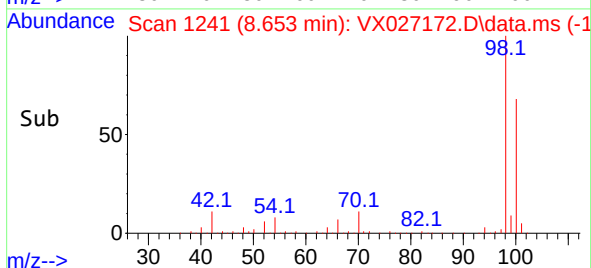
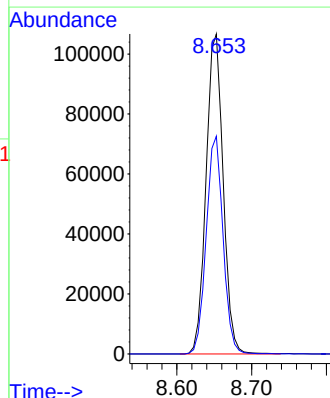
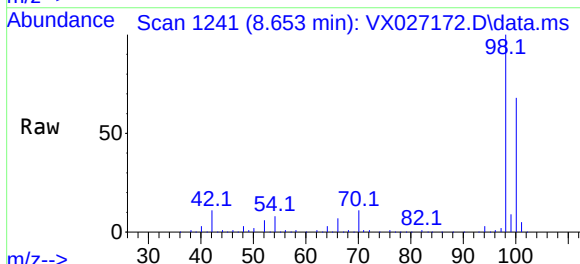
Instrument :
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HR-02-022222

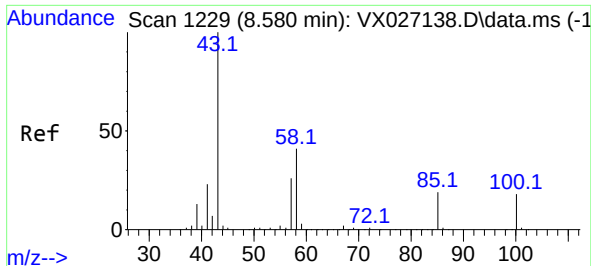
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.2 15.2#



#50
Toluene-d8
Concen: 49.154 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Tgt Ion: 98 Resp: 169139
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX027172.D

Acq: 24 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

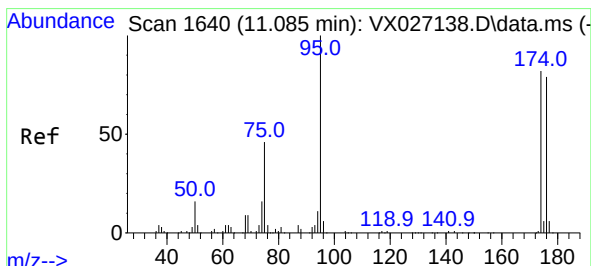
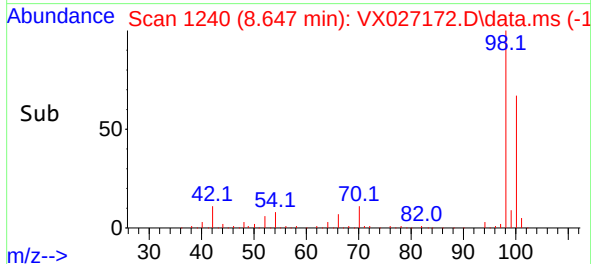
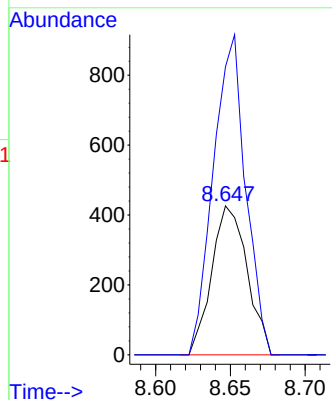
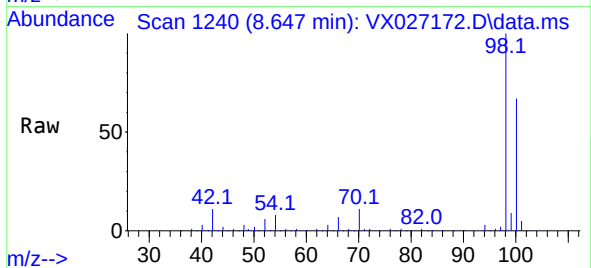
HR-02-022222

Tgt Ion: 43 Resp: 703

Ion Ratio Lower Upper

43 100

58 196.0 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 49.089 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027172.D

Acq: 24 Feb 2022 16:02

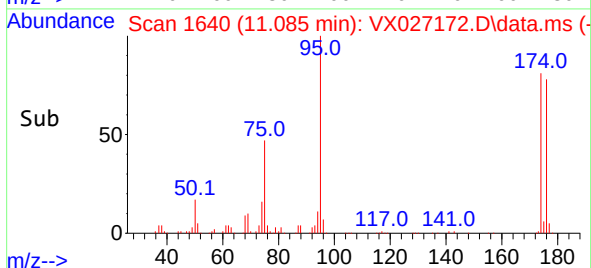
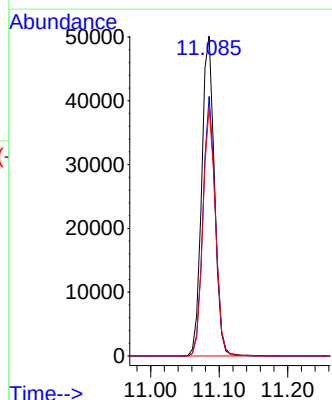
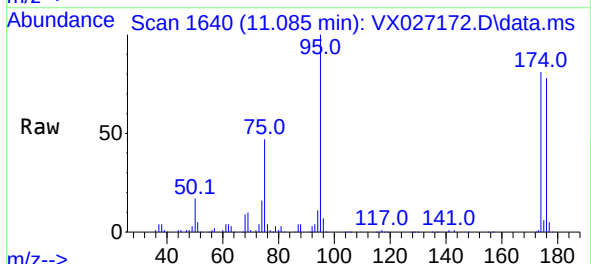
Tgt Ion: 95 Resp: 64838

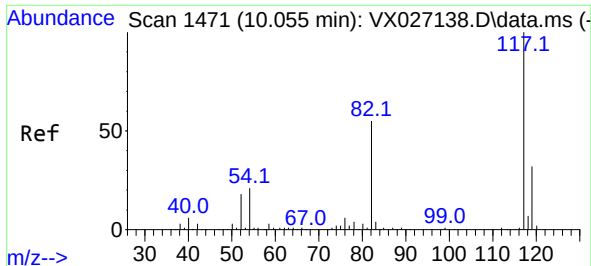
Ion Ratio Lower Upper

95 100

174 78.8 0.0 148.6

176 76.4 0.0 141.4

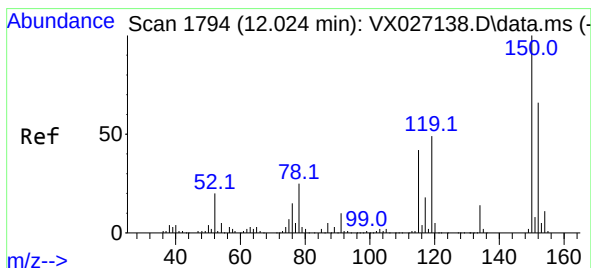
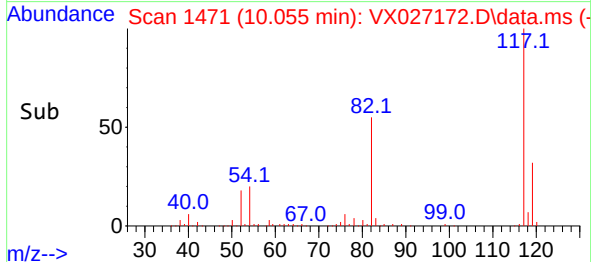
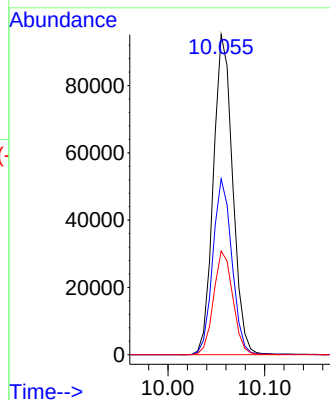
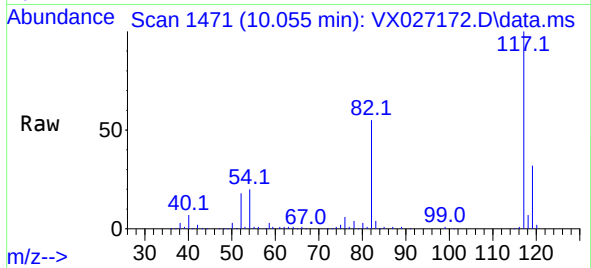




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

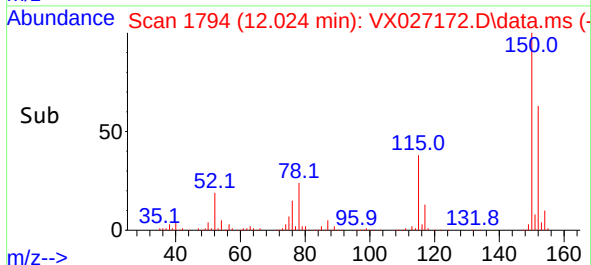
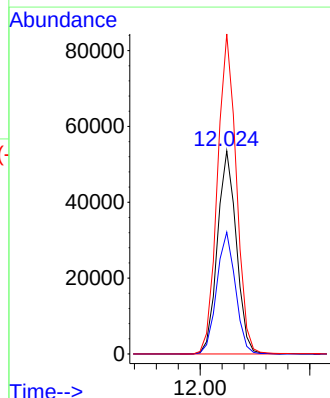
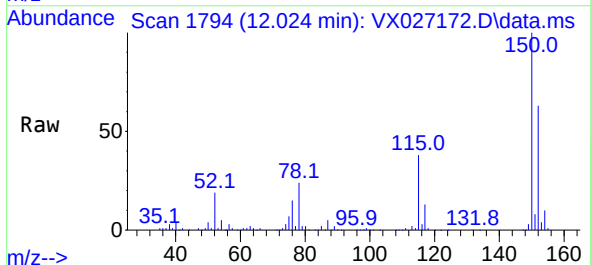
Instrument :
MSVOA_X
ClientSampleId :
HR-02-022222

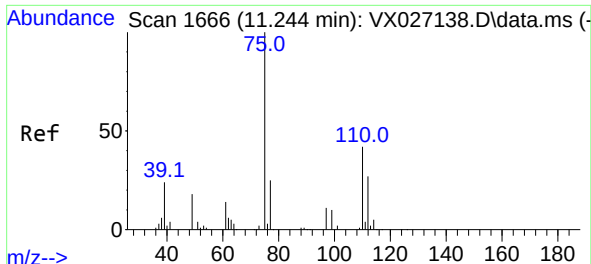
Tgt Ion:117 Resp: 132176
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Tgt Ion:152 Resp: 64100
Ion Ratio Lower Upper
152 100
115 59.4 44.2 132.6
150 157.7 0.0 348.2

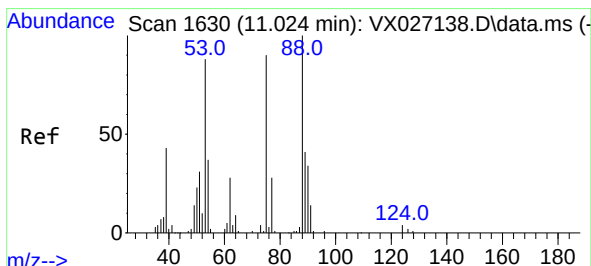
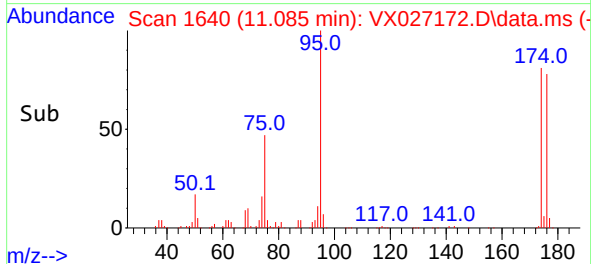
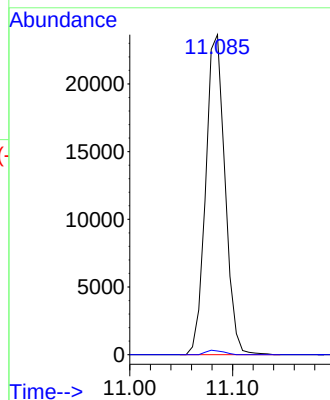
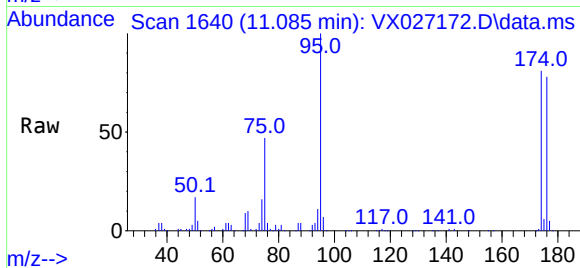




#76
1,2,3-Trichloropropane
Concen: 23.947 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
HR-02-022222

Tgt Ion: 75 Resp: 30919
Ion Ratio Lower Upper
75 100
77 1.3 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.033 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX027172.D
Acq: 24 Feb 2022 16:02

Tgt Ion: 75 Resp: 30919
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

