

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027054.D
 Acq On : 16 Feb 2022 17:02
 Operator : JC/MD
 Sample : N1575-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Quant Time: Feb 17 07:14:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

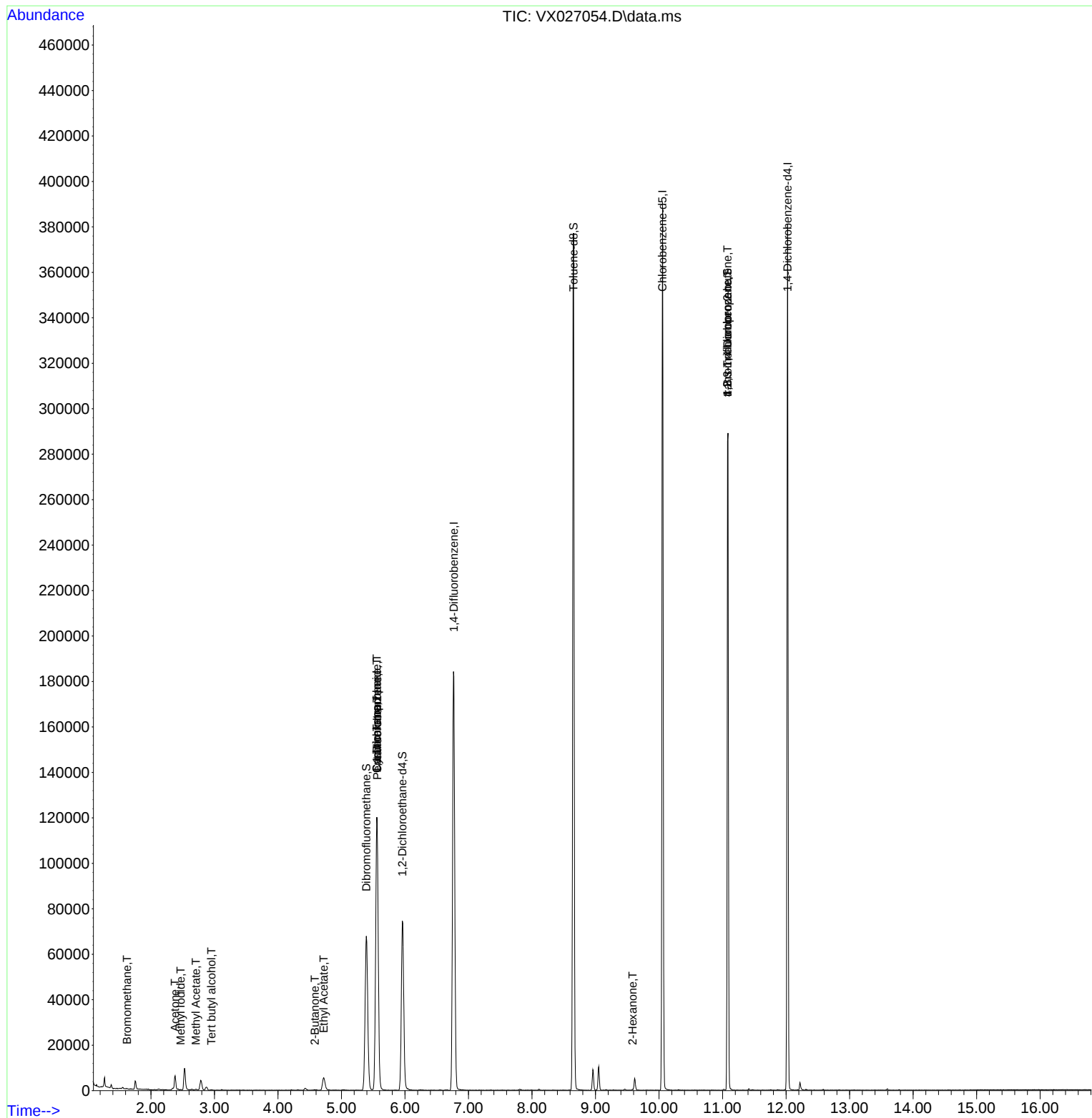
Internal Standards						
1) Pentafluorobenzene	5.562	168	114907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	193766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72164	52.318	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.640%	
35) Dibromofluoromethane	5.391	113	60309	52.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	8.653	98	223794	52.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	11.079	95	81316	54.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	117	0.227	ug/l #	71
10) Methyl Iodide	2.465	142	212	2.378	ug/l #	71
11) Tert butyl alcohol	2.953	59	249	0.999	ug/l #	75
16) Acetone	2.380	43	7209	11.900	ug/l	99
18) Methyl Acetate	2.709	43	557	0.320	ug/l #	72
25) 2-Butanone	4.580	43	512	0.525	ug/l #	50
31) Cyclohexane	5.556	56	2380	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8689	4.771	ug/l #	50
37) Ethyl Acetate	4.721	43	10349	5.000	ug/l	99
38) Carbon Tetrachloride	5.556	117	11596	6.072	ug/l #	16
59) 2-Hexanone	9.586	43	460	0.326	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	40848	24.687	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40848	75.344	ug/l #	3

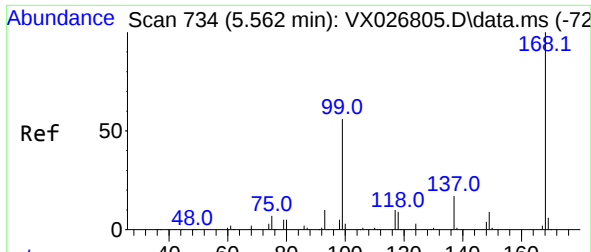
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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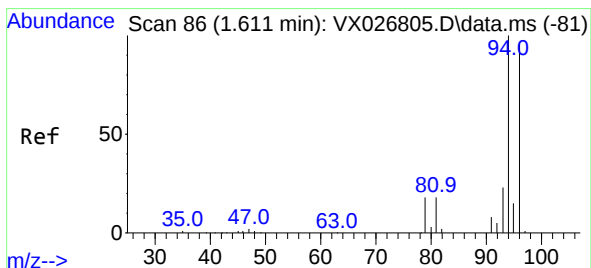
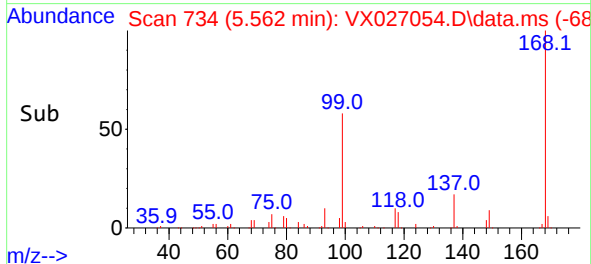
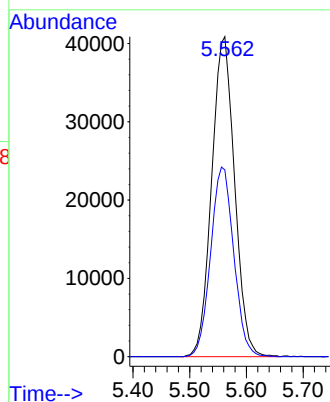
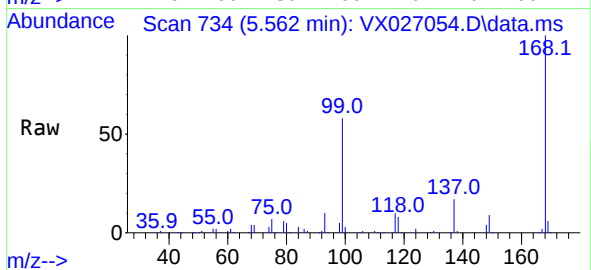




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

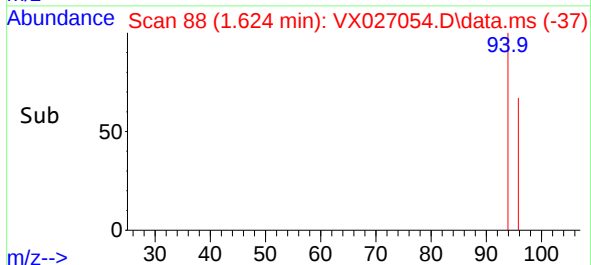
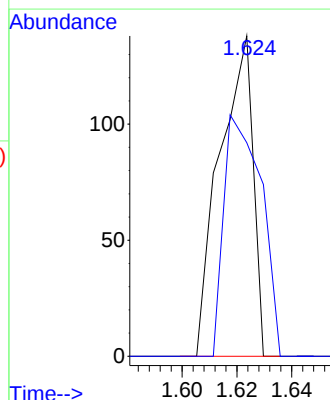
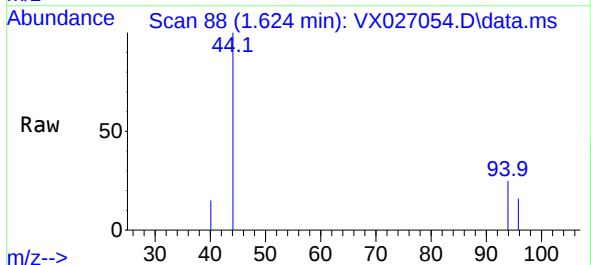
Instrument :
MSVOA_X
ClientSampleId :
MW-30

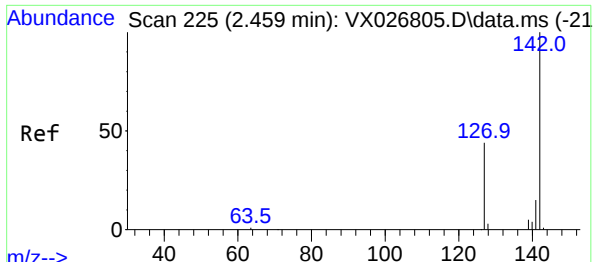
Tgt Ion:168 Resp: 114907
Ion Ratio Lower Upper
168 100
99 58.3 50.3 75.5



#5
Bromomethane
Concen: 0.227 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 66.7 75.9 113.9#

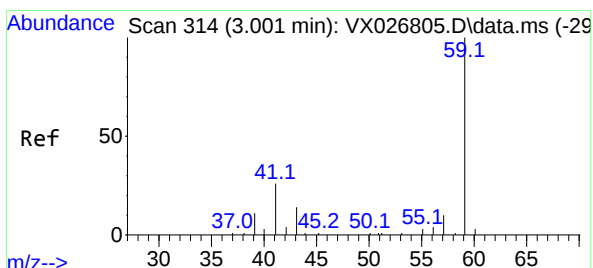
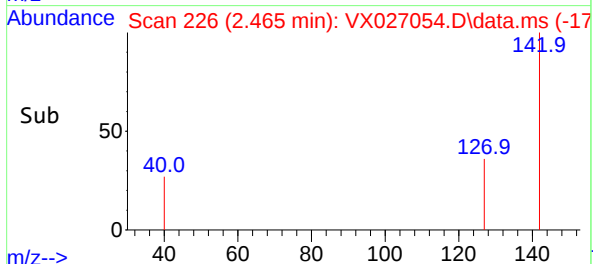
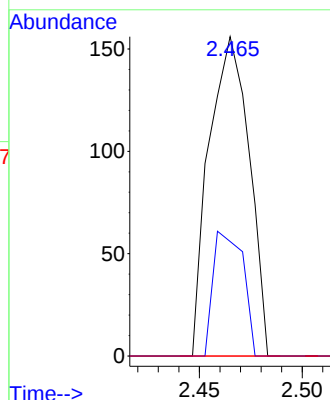
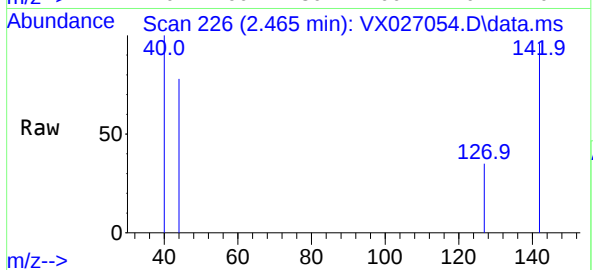




#10
Methyl Iodide
Concen: 2.378 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

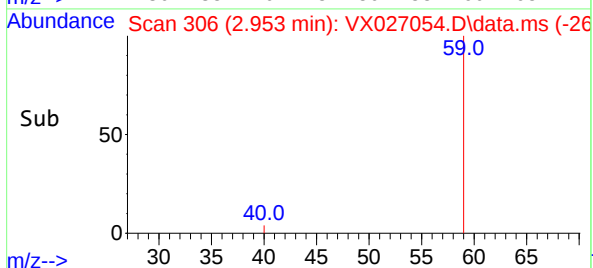
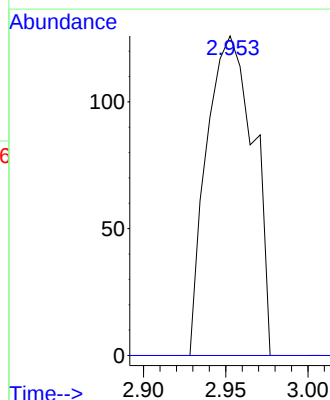
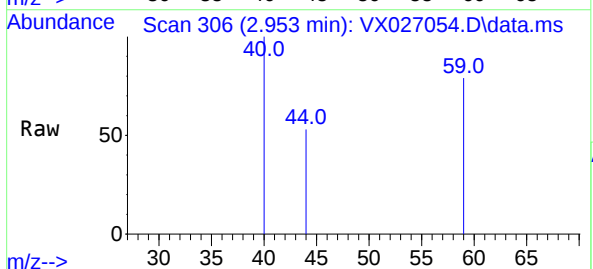
Instrument :
MSVOA_X
ClientSampleId :
MW-30

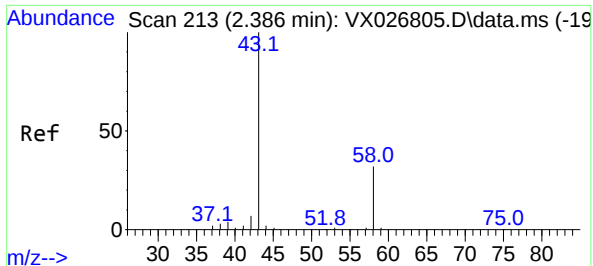
Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
127 28.8 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.999 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

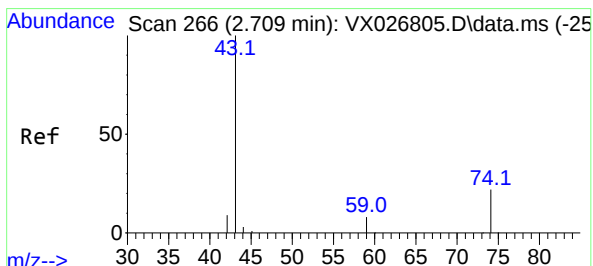
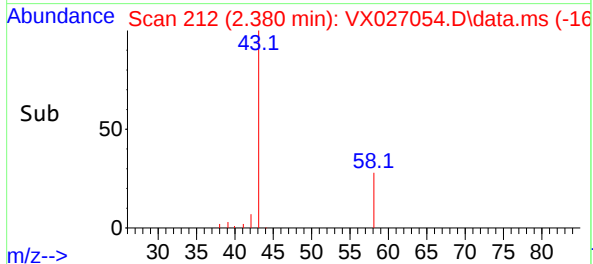
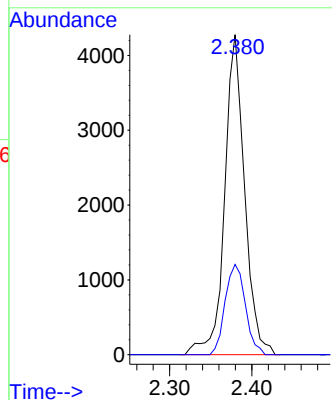
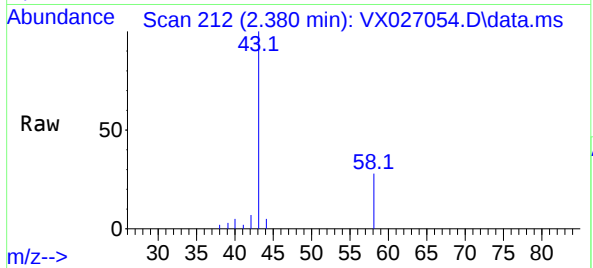




#16
Acetone
Concen: 11.900 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

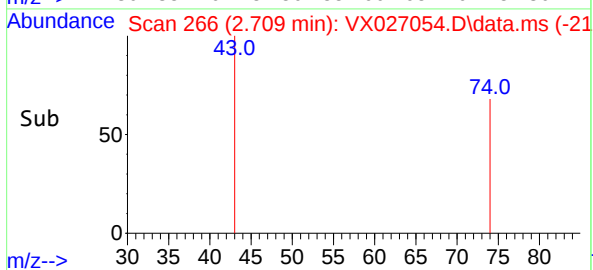
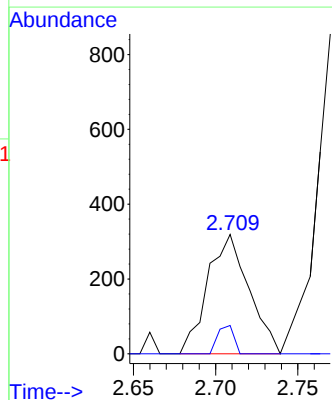
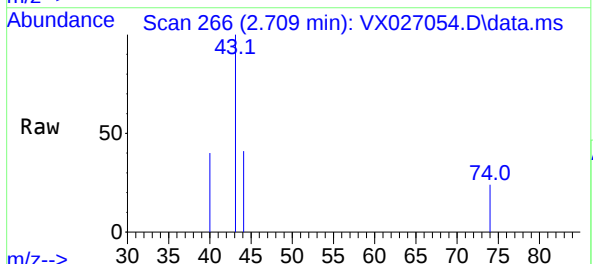
Instrument :
MSVOA_X
ClientSampleId :
MW-30

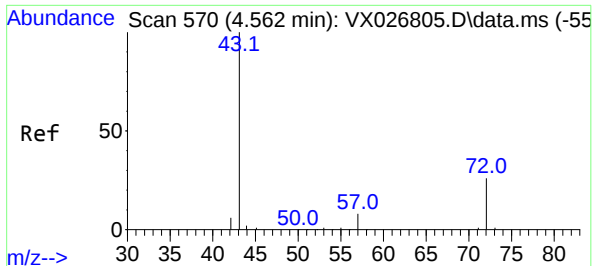
Tgt Ion: 43 Resp: 7209
Ion Ratio Lower Upper
43 100
58 28.2 23.0 34.6



#18
Methyl Acetate
Concen: 0.320 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
74 9.3 18.3 27.5#





#25

2-Butanone

Concen: 0.525 ug/l

RT: 4.580 min Scan# 512

Delta R.T. 0.018 min

Lab File: VX027054.D

Acq: 16 Feb 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

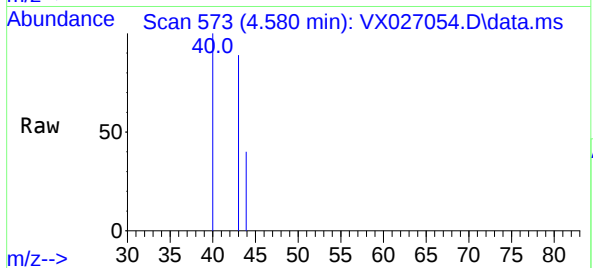
MW-30

Tgt Ion: 43 Resp: 512

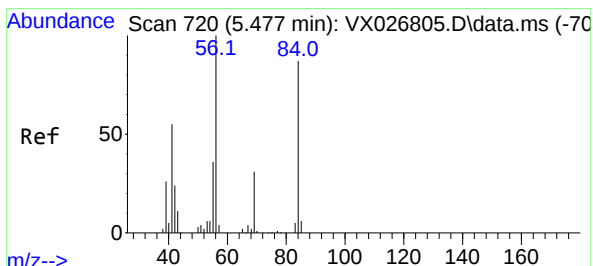
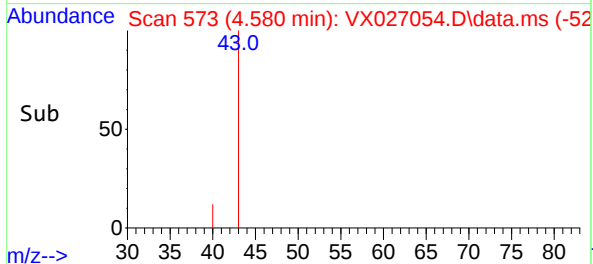
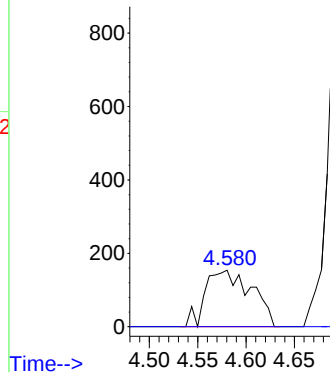
Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



Abundance



#31

Cyclohexane

Concen: 1.086 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027054.D

Acq: 16 Feb 2022 17:02

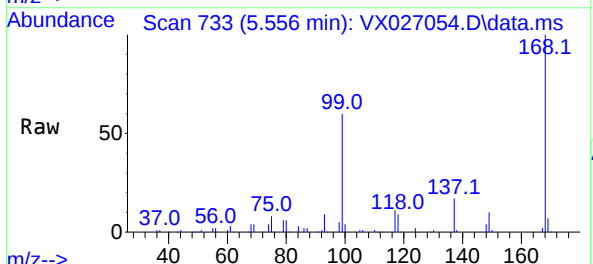
Tgt Ion: 56 Resp: 2380

Ion Ratio Lower Upper

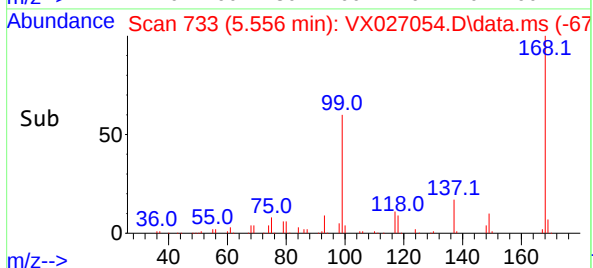
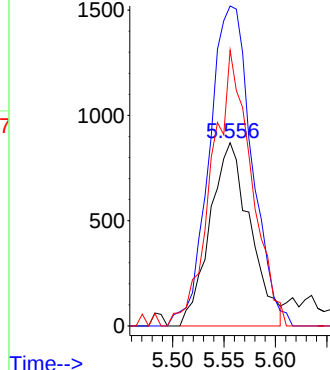
56 100

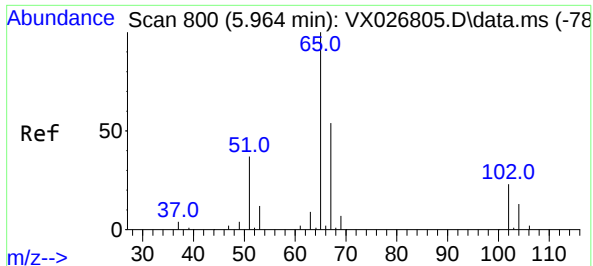
69 167.0 25.8 38.6#

84 143.4 68.9 103.3#



Abundance





#33

1,2-Dichloroethane-d4

Concen: 52.318 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027054.D

Acq: 16 Feb 2022 17:02

Instrument :

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ClientSampleId :

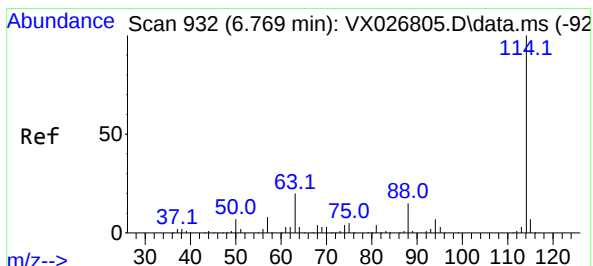
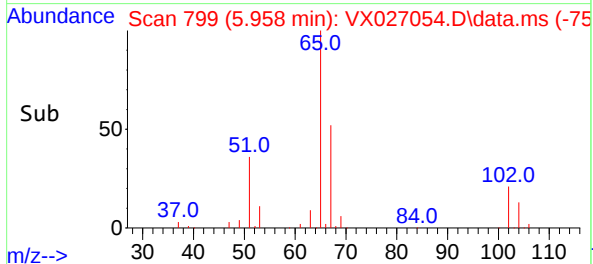
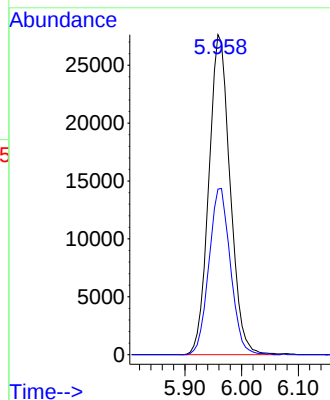
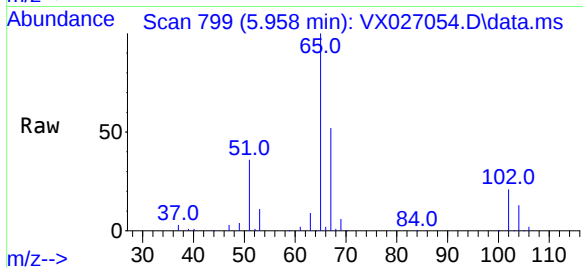
MW-30

Tgt Ion: 65 Resp: 72164

Ion Ratio Lower Upper

65 100

67 52.4 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: VX027054.D

Acq: 16 Feb 2022 17:02

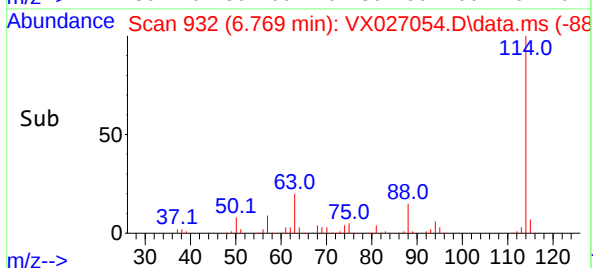
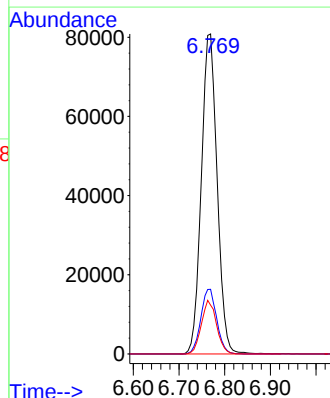
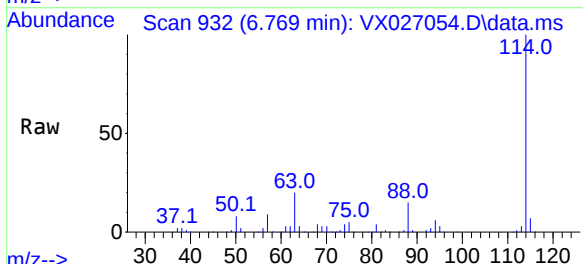
Tgt Ion: 114 Resp: 193766

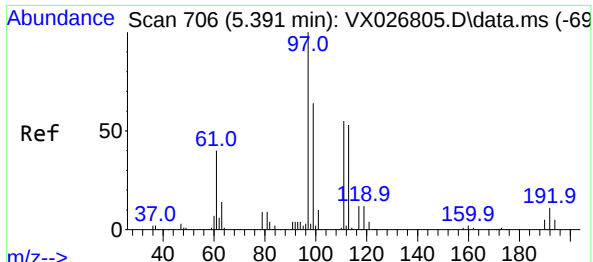
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 15.3 0.0 33.0

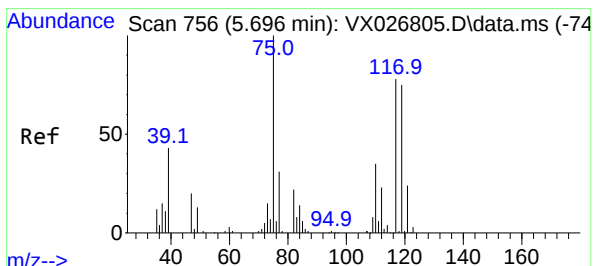
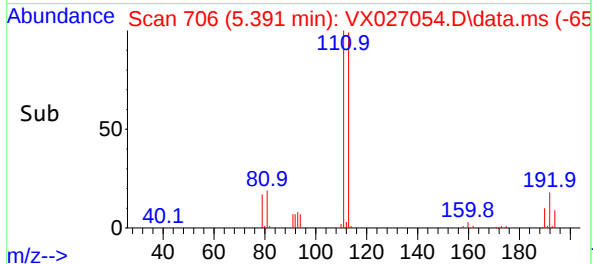
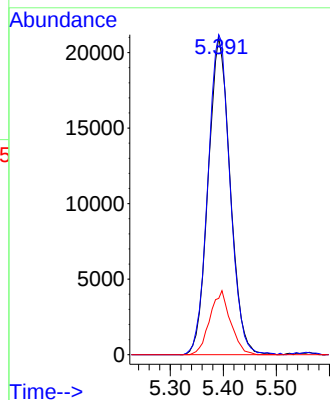
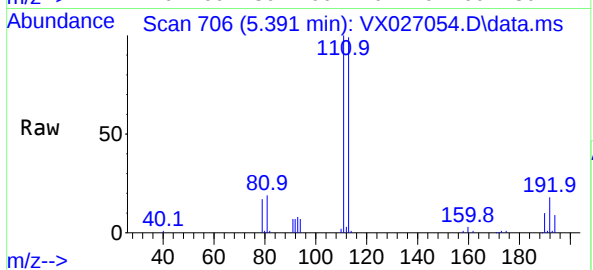




#35
Dibromofluoromethane
Concen: 52.242 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

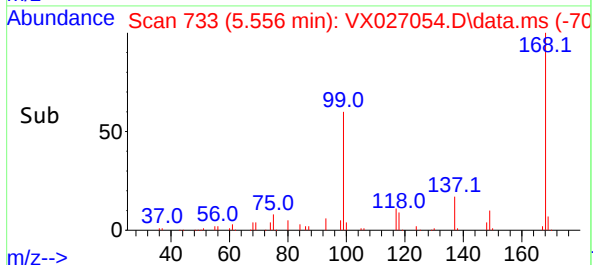
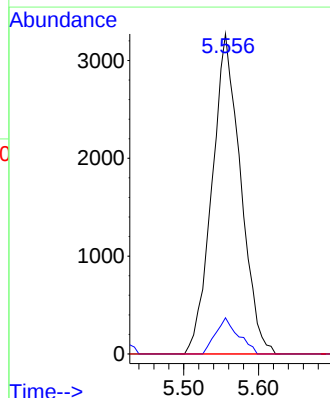
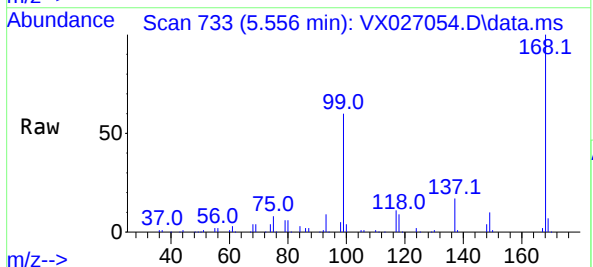
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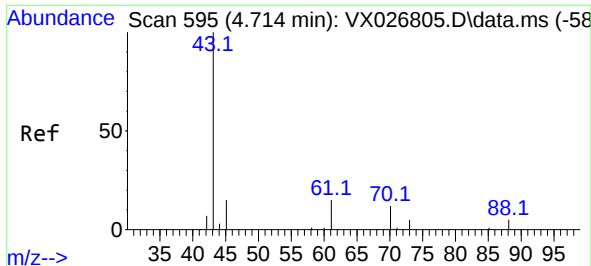
Tgt Ion:113 Resp: 60309
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 19.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 75 Resp: 8689
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 5.000 ug/l

RT: 4.721 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027054.D

Acq: 16 Feb 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

MW-30

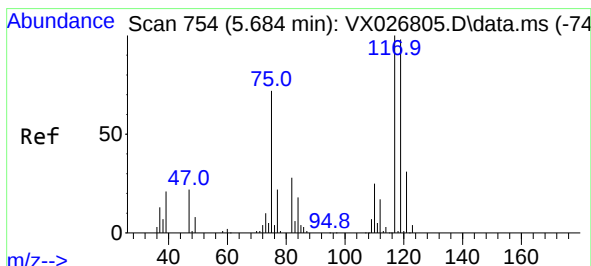
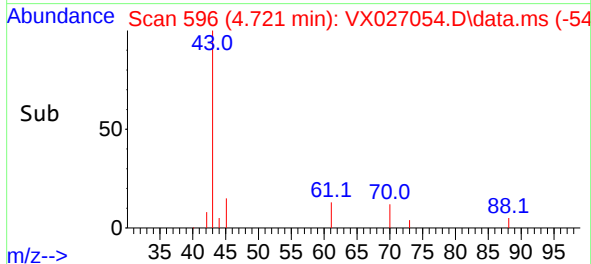
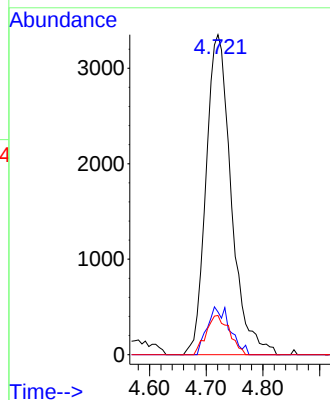
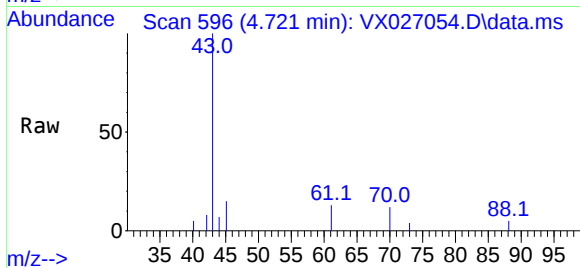
Tgt Ion: 43 Resp: 10349

Ion Ratio Lower Upper

43 100

61 13.4 10.6 16.0

70 11.2 8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.072 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027054.D

Acq: 16 Feb 2022 17:02

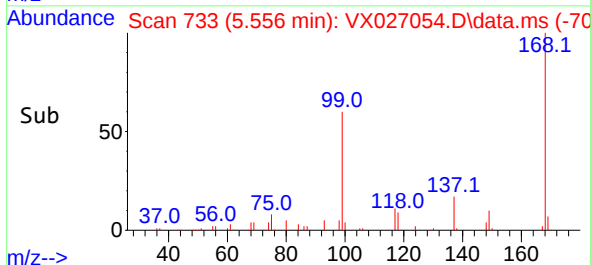
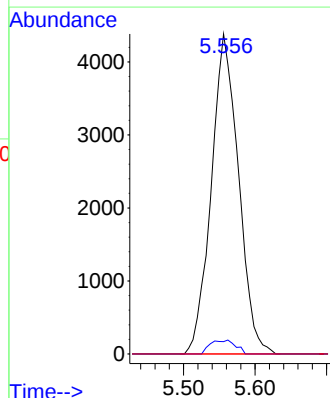
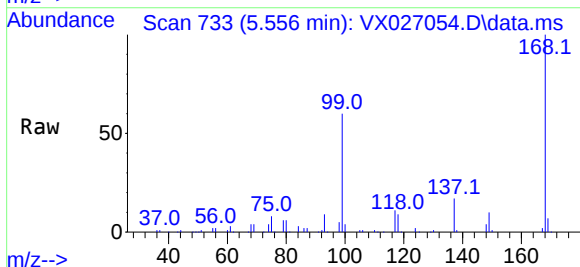
Tgt Ion: 117 Resp: 11596

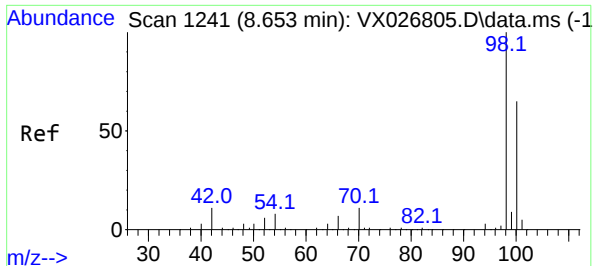
Ion Ratio Lower Upper

117 100

119 3.9 74.7 112.1#

121 0.0 25.4 38.0#

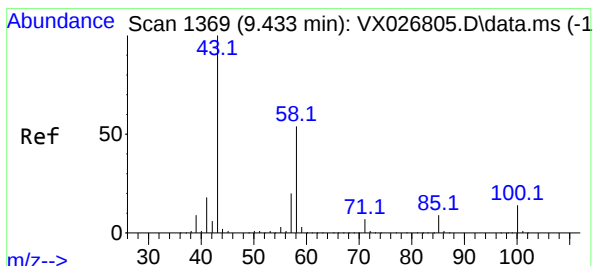
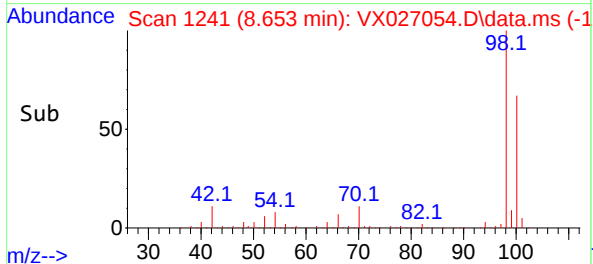
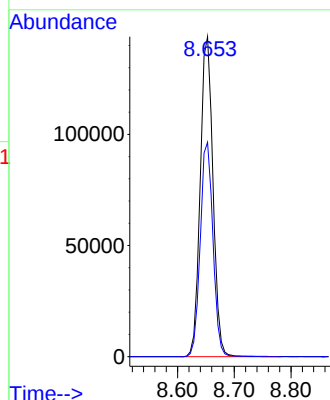
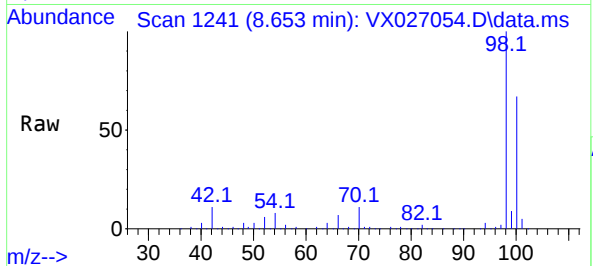




#50
Toluene-d8
Concen: 52.812 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

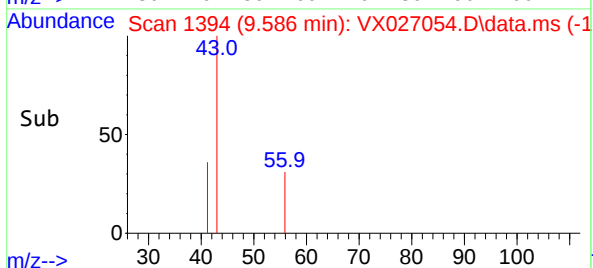
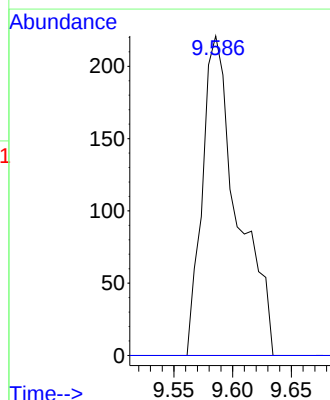
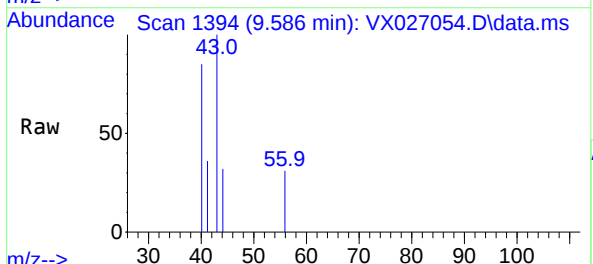
Instrument :
MSVOA_X
ClientSampleId :
MW-30

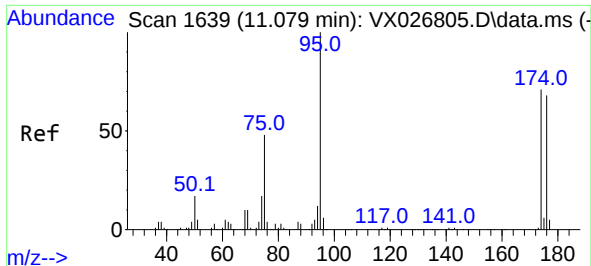
Tgt Ion: 98 Resp: 223794
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#59
2-Hexanone
Concen: 0.326 ug/l
RT: 9.586 min Scan# 1394
Delta R.T. 0.152 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#

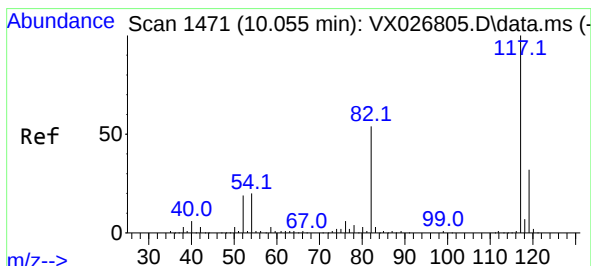
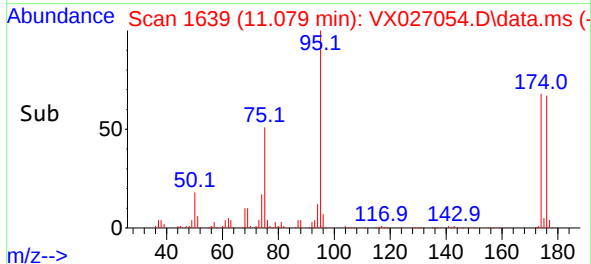
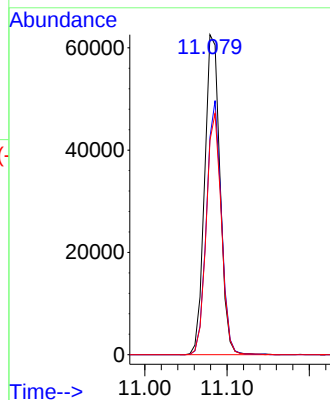
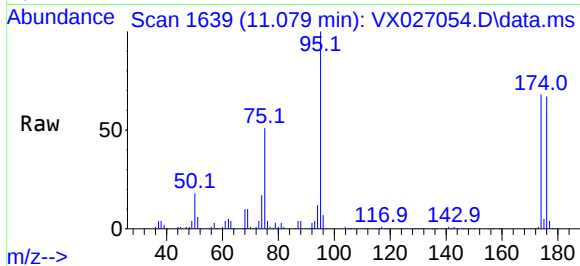




#62
4-Bromofluorobenzene
Concen: 54.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

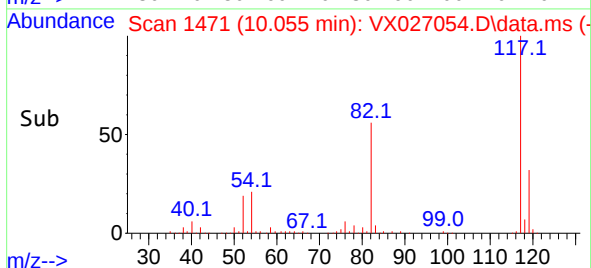
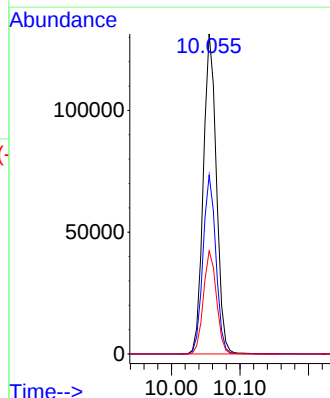
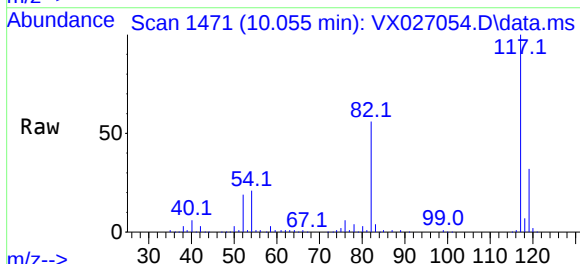
Instrument :
MSVOA_X
ClientSampleId :
MW-30

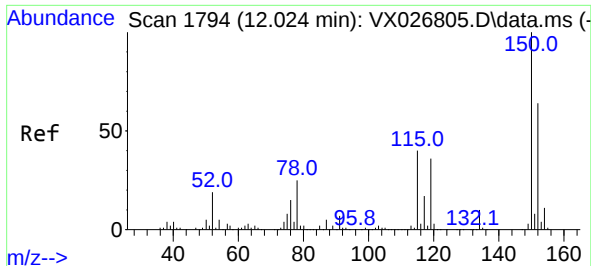
Tgt Ion: 95 Resp: 81316
Ion Ratio Lower Upper
95 100
174 76.4 0.0 148.6
176 73.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 117 Resp: 175123
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 32.2 26.2 39.2

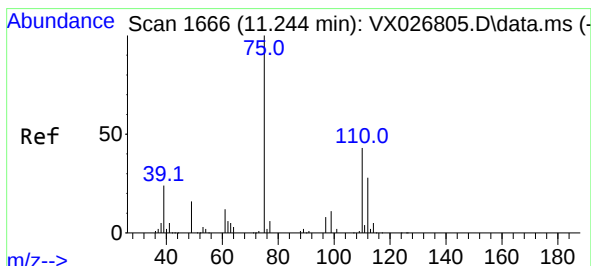
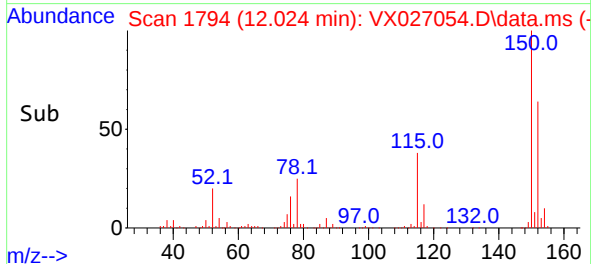
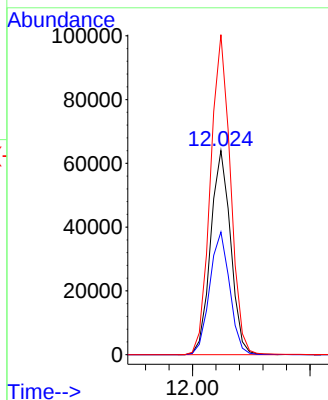
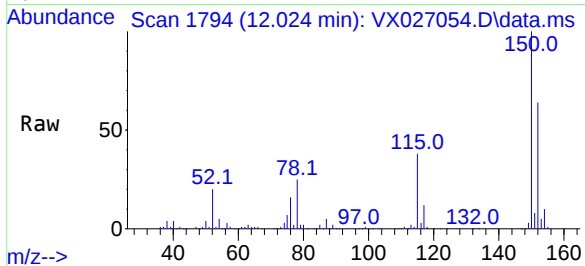




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

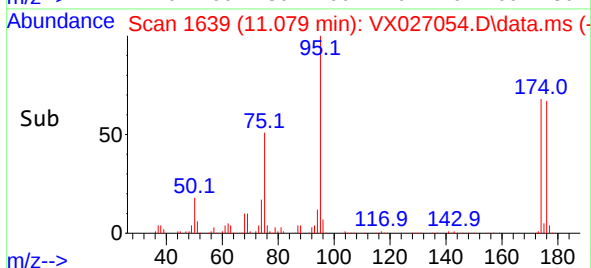
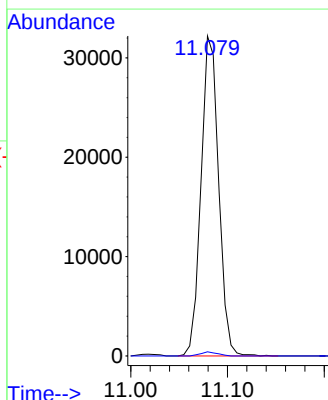
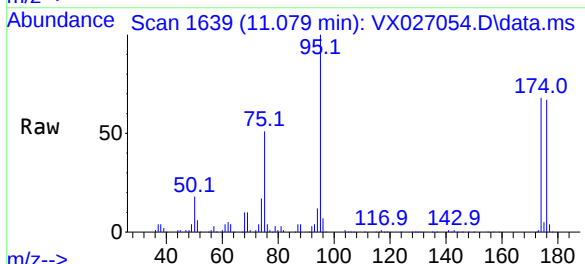
Instrument :
MSVOA_X
ClientSampleId :
MW-30

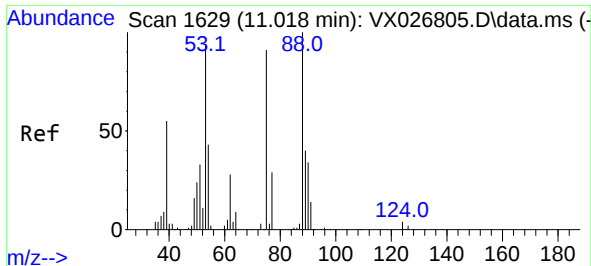
Tgt Ion:152 Resp: 75586
Ion Ratio Lower Upper
152 100
115 60.2 44.2 132.6
150 156.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 75 Resp: 40848
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.344 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027054.D
Acq: 16 Feb 2022 17:02

Instrument :
MSVOA_X
ClientSampleId :
MW-30

Tgt Ion: 75 Resp: 40848
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

