

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027117.D
 Acq On : 18 Feb 2022 18:02
 Operator : JC/MD
 Sample : N1465-05ME
 Misc : 6.91g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5-5-7.5

Quant Time: Feb 21 00:41:43 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)

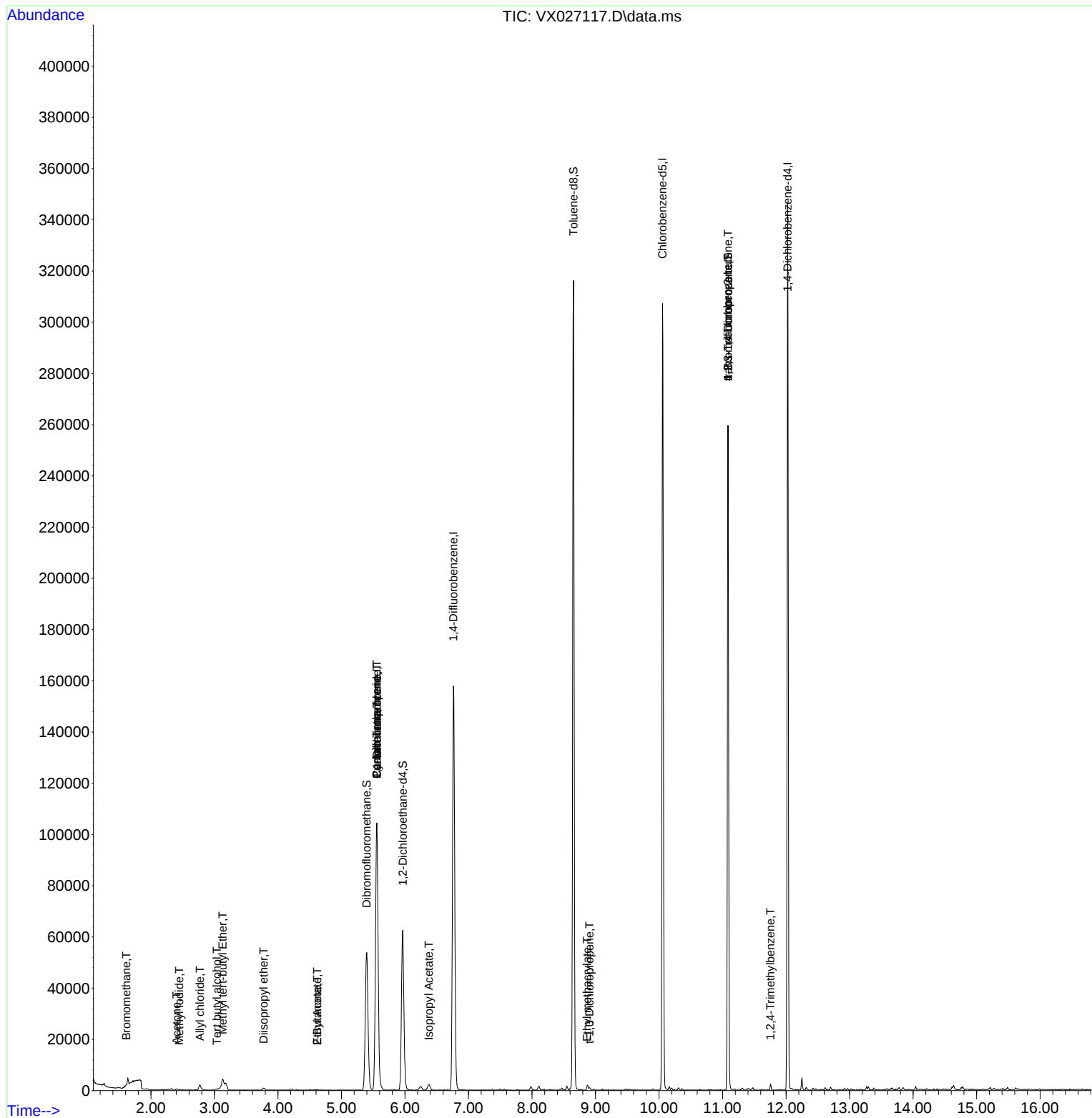
Internal Standards						
1) Pentafluorobenzene	5.556	168	102955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60720	49.131	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.260%		
35) Dibromofluoromethane	5.397	113	49827	49.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	8.653	98	193306	52.113	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.220%		
62) 4-Bromofluorobenzene	11.085	95	73491	56.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.540%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	114	0.246	ug/l	91
10) Methyl Iodide	2.447	142	209	2.391	ug/l #	37
11) Tert butyl alcohol	3.038	59	698	3.126	ug/l #	75
14) Allyl chloride	2.770	41	621	0.333	ug/l #	52
16) Acetone	2.404	43	344	0.634	ug/l #	46
19) Methyl tert-butyl Ether	3.129	73	4222	1.132	ug/l	94
22) Diisopropyl ether	3.776	45	995	0.265	ug/l #	82
25) 2-Butanone	4.617	43	425	0.486	ug/l #	50
31) Cyclohexane	5.556	56	1976	1.006	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7641	4.793	ug/l #	50
37) Ethyl Acetate	4.617	43	425	0.235	ug/l #	69
38) Carbon Tetrachloride	5.556	117	10271	6.144	ug/l #	18
43) Isopropyl Acetate	6.373	43	677	0.243	ug/l #	62
53) t-1,3-Dichloropropene	8.903	75	226	1.480	ug/l #	43
56) Ethyl methacrylate	8.866	69	359	0.203	ug/l #	70
76) 1,2,3-Trichloropropane	11.085	75	35551	22.178	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	35551	68.031	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1194	0.249	ug/l	93

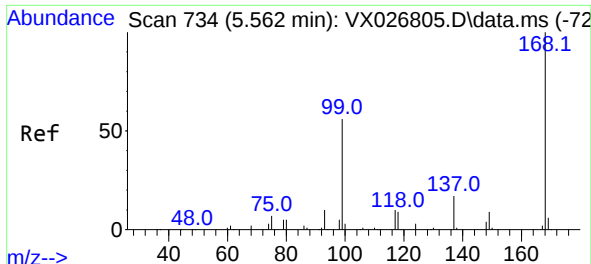
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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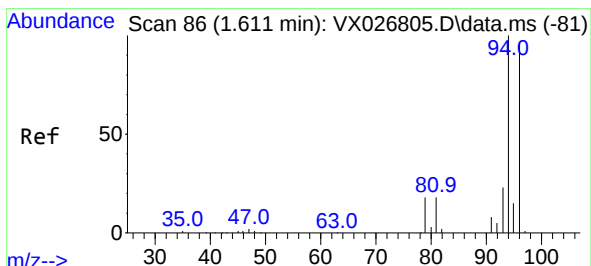
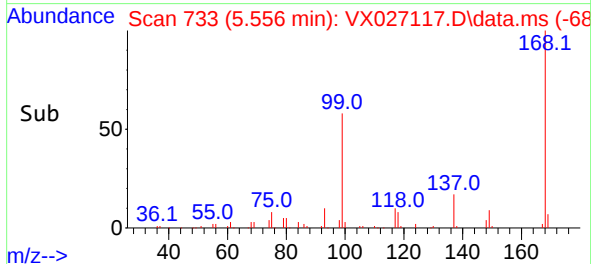
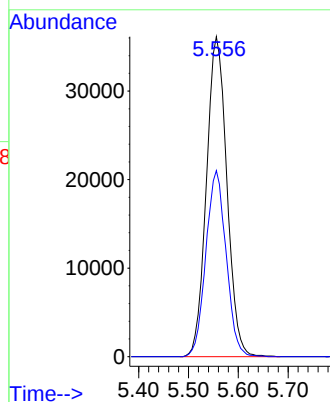
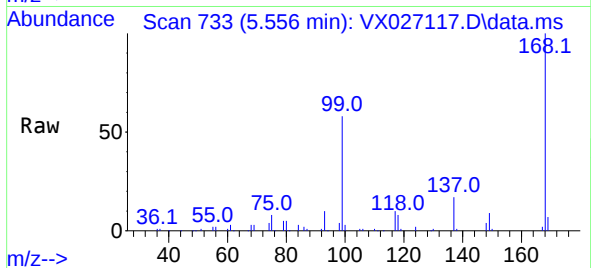




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

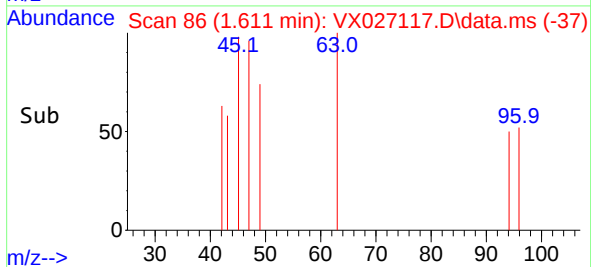
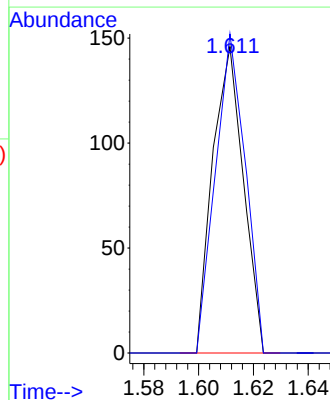
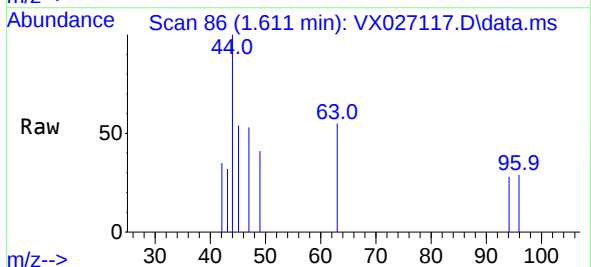
Instrument :
MSVOA_X
ClientSampleId :
A5-5-7.5

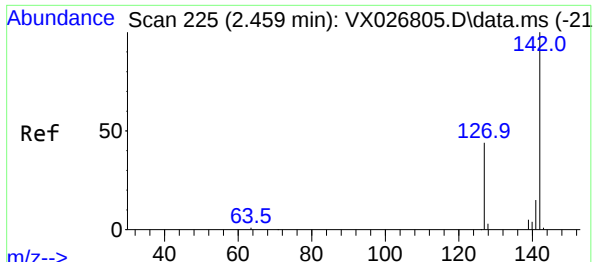
Tgt Ion:168 Resp: 102955
Ion Ratio Lower Upper
168 100
99 58.2 50.3 75.5



#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Tgt Ion: 94 Resp: 114
Ion Ratio Lower Upper
94 100
96 104.1 75.9 113.9

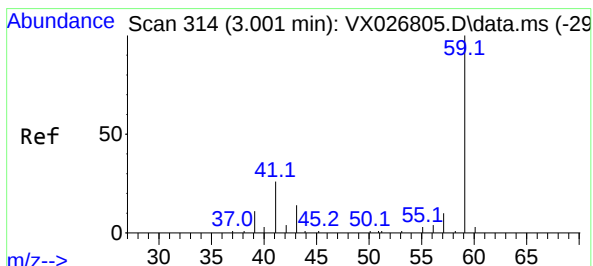
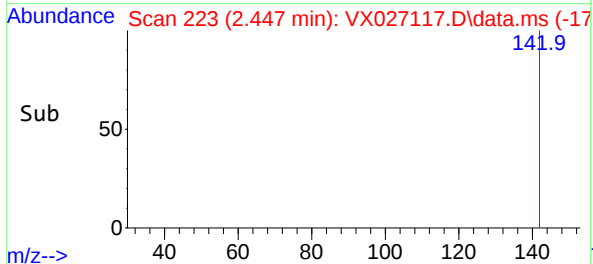
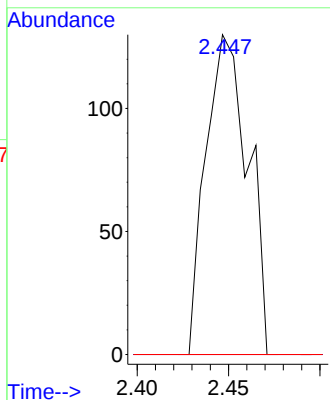
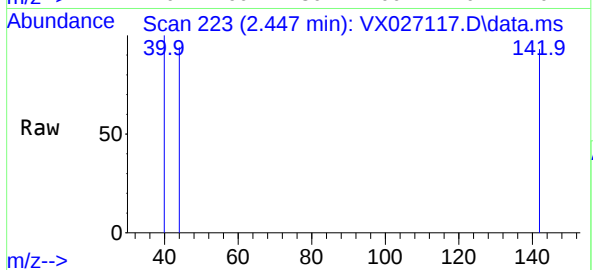




#10
Methyl Iodide
Concen: 2.391 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

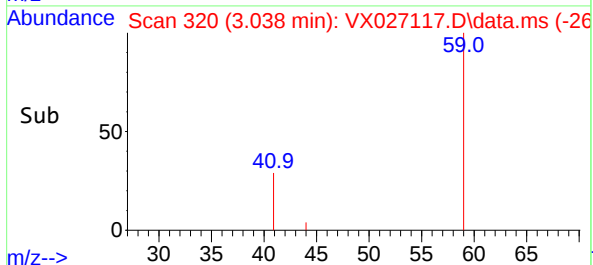
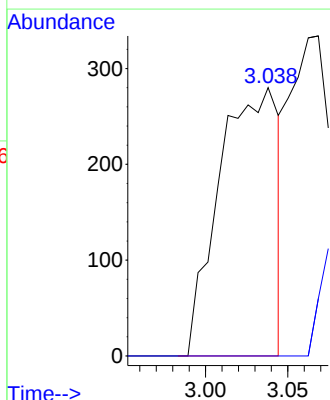
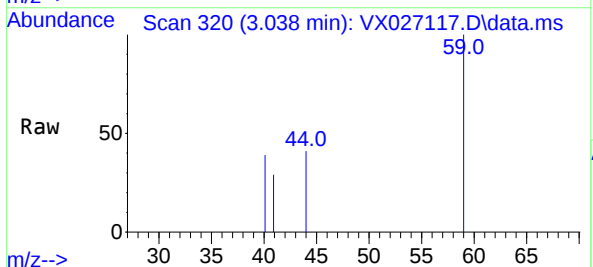
Instrument :
MSVOA_X
ClientSampleId :
A5-5-7.5

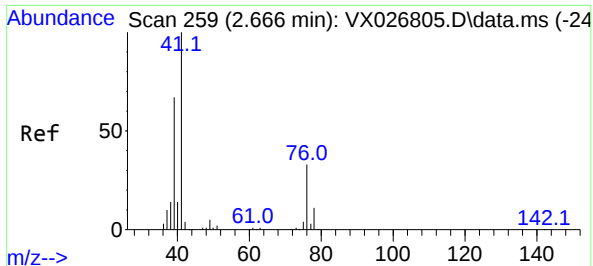
Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 3.126 ug/l
RT: 3.038 min Scan# 320
Delta R.T. 0.037 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Tgt Ion: 59 Resp: 698
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

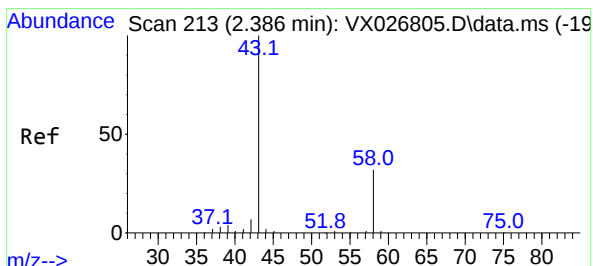
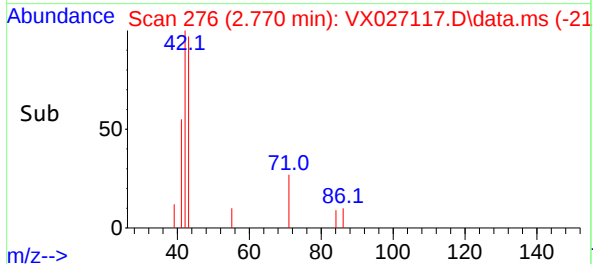
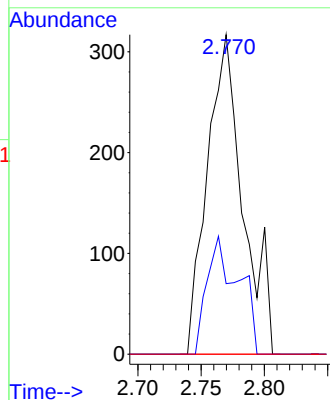
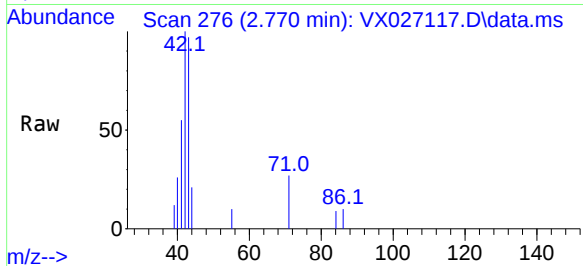




#14
 Allyl chloride
 Concen: 0.333 ug/l
 RT: 2.770 min Scan# 216
 Delta R.T. 0.104 min
 Lab File: VX027117.D
 Acq: 18 Feb 2022 18:02

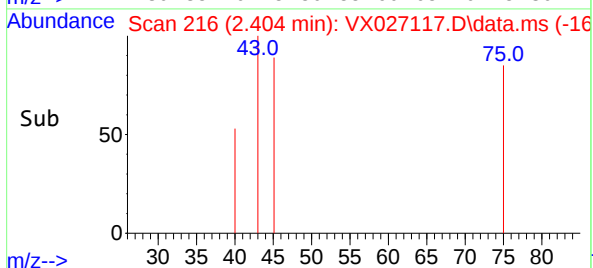
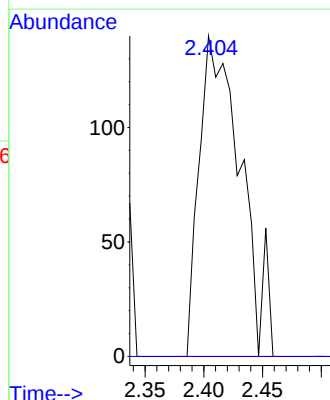
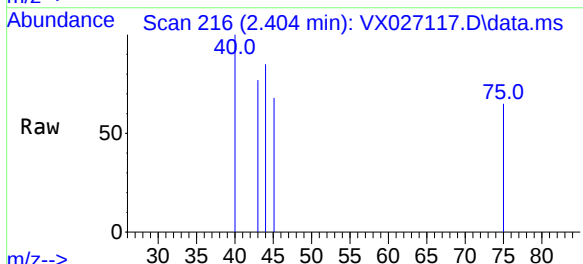
Instrument :
 MSVOA_X
 ClientSampleId :
 A5-5-7.5

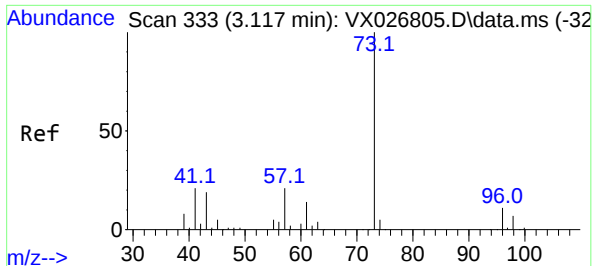
Tgt Ion: 41 Resp: 621
 Ion Ratio Lower Upper
 41 100
 39 32.7 54.2 81.4#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 0.634 ug/l
 RT: 2.404 min Scan# 216
 Delta R.T. 0.018 min
 Lab File: VX027117.D
 Acq: 18 Feb 2022 18:02

Tgt Ion: 43 Resp: 344
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.0 34.6#

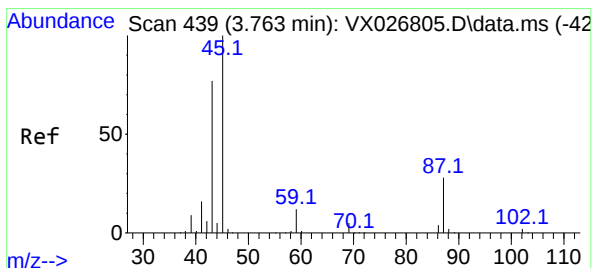
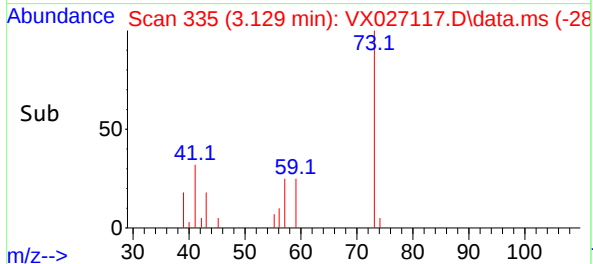
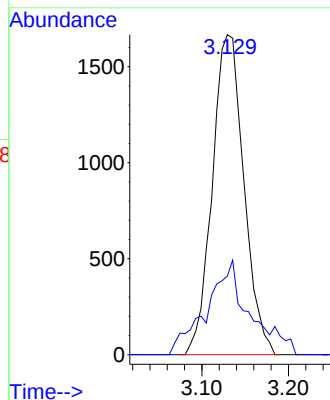
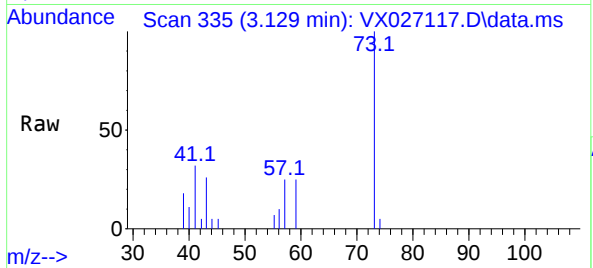




#19
Methyl tert-butyl Ether
Concen: 1.132 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

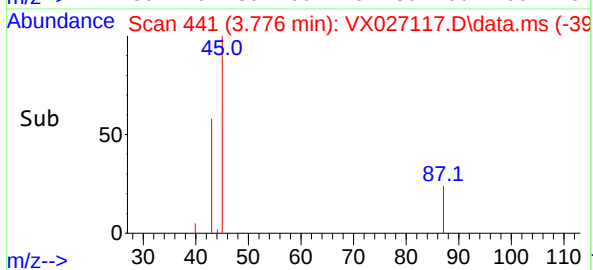
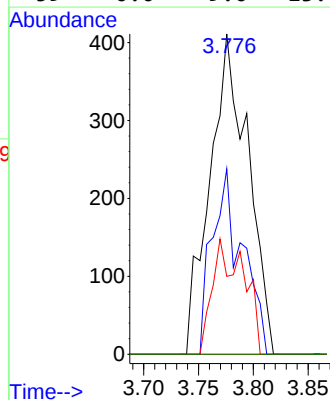
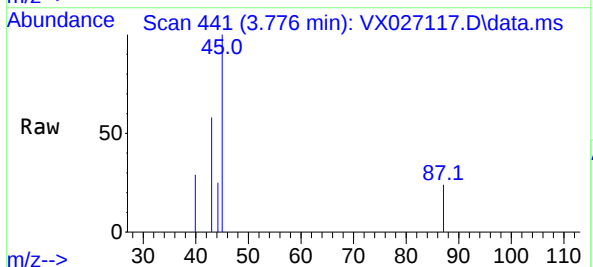
Instrument :
MSVOA_X
ClientSampleId :
A5-5-7.5

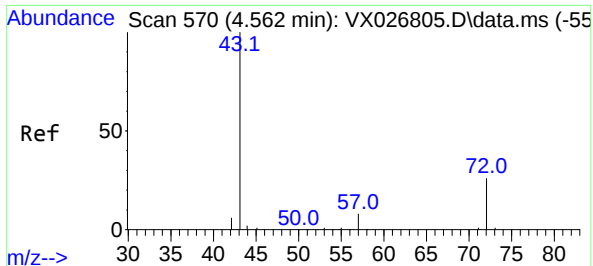
Tgt Ion: 73 Resp: 4222
Ion Ratio Lower Upper
73 100
57 18.8 17.4 26.2



#22
Diisopropyl ether
Concen: 0.265 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.012 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Tgt Ion: 45 Resp: 995
Ion Ratio Lower Upper
45 100
43 57.9 60.6 91.0#
87 24.3 22.0 33.0
59 0.0 9.0 13.4#

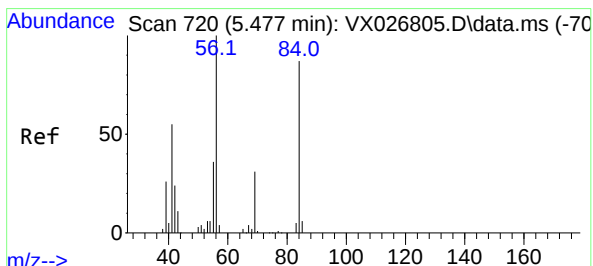
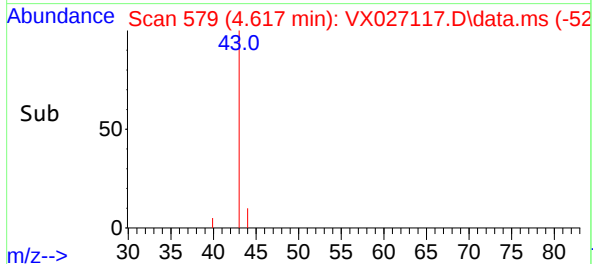
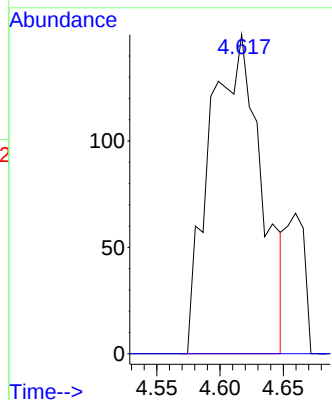
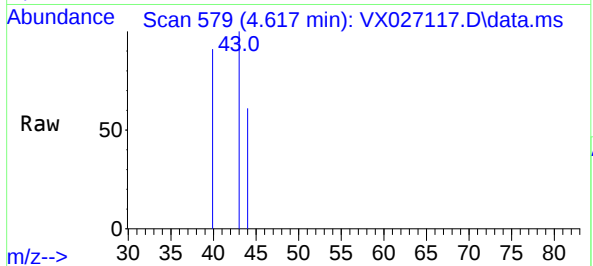




#25
2-Butanone
Concen: 0.486 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

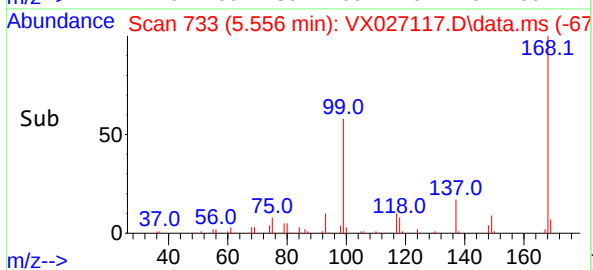
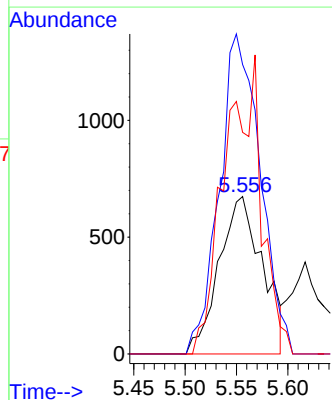
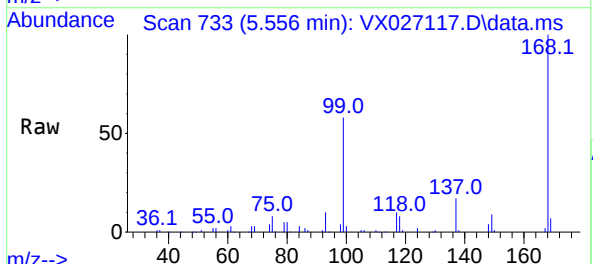
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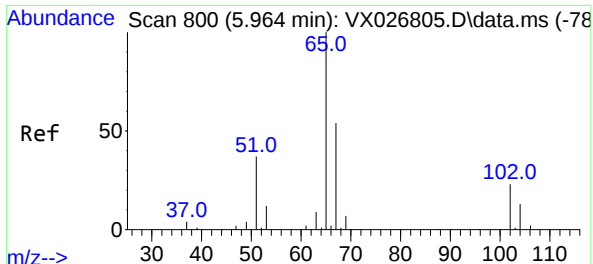
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Tgt Ion: 56 Resp: 1976
Ion Ratio Lower Upper
56 100
69 183.8 25.8 38.6#
84 140.8 68.9 103.3#

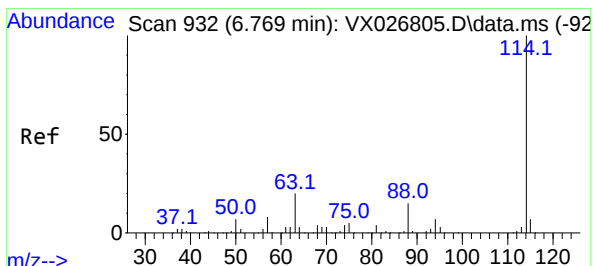
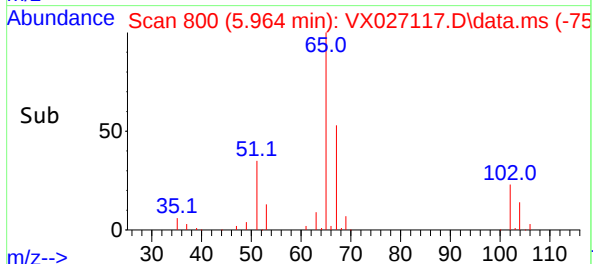
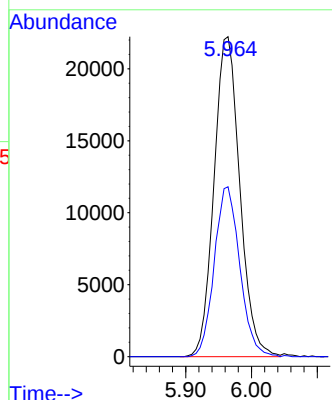
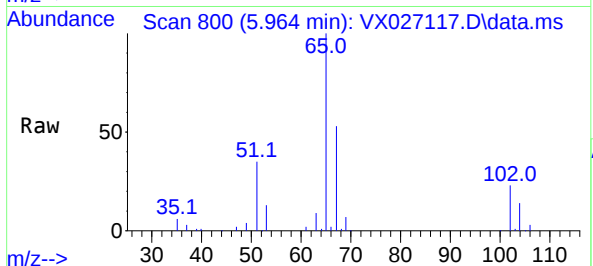




#33
 1,2-Dichloroethane-d4
 Concen: 49.131 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX027117.D
 Acq: 18 Feb 2022 18:02

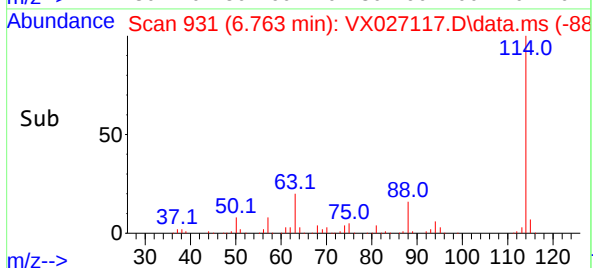
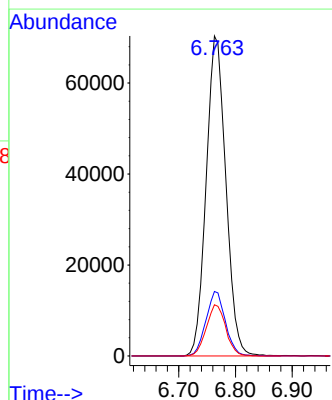
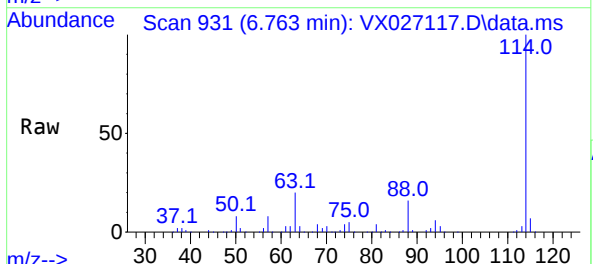
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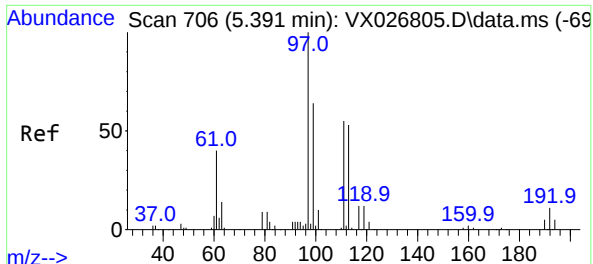
Tgt Ion: 65 Resp: 60720
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX027117.D
 Acq: 18 Feb 2022 18:02

Tgt Ion: 114 Resp: 169614
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 16.0 0.0 33.0

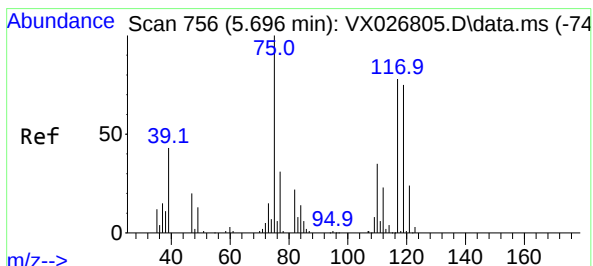
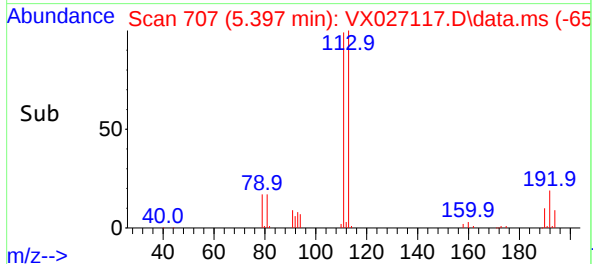
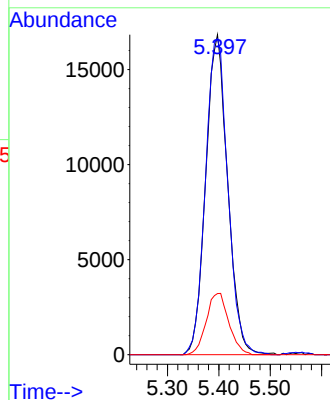
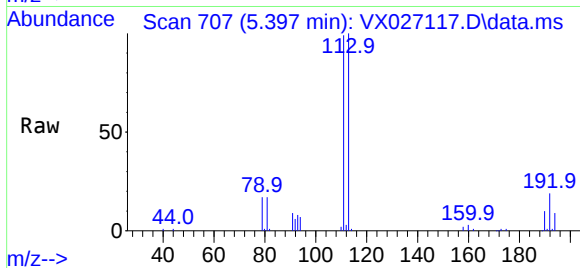




#35
Dibromofluoromethane
Concen: 49.308 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

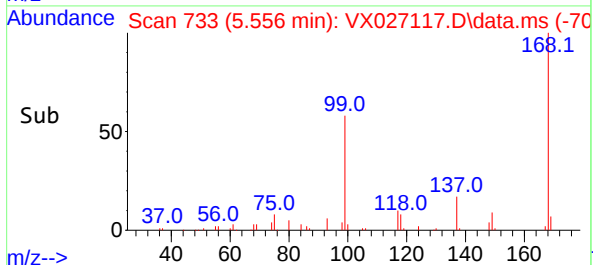
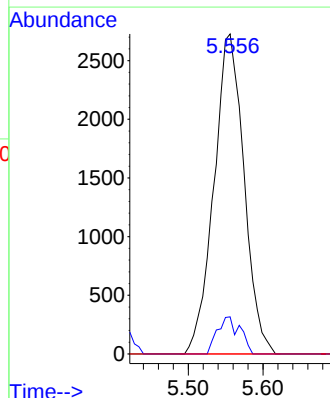
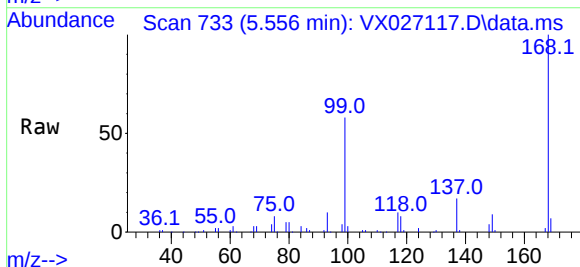
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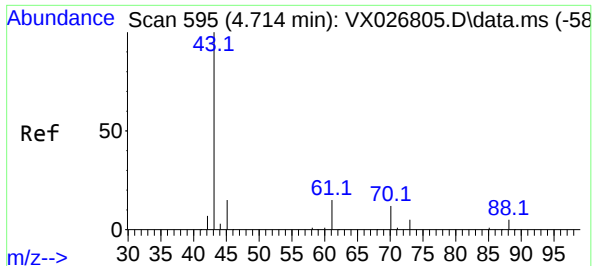
Tgt Ion:113 Resp: 49827
Ion Ratio Lower Upper
113 100
111 100.9 81.2 121.8
192 19.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Tgt Ion: 75 Resp: 7641
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.235 ug/l

RT: 4.617 min Scan# 51

Delta R.T. -0.097 min

Lab File: VX027117.D

Acq: 18 Feb 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

A5-5-7.5

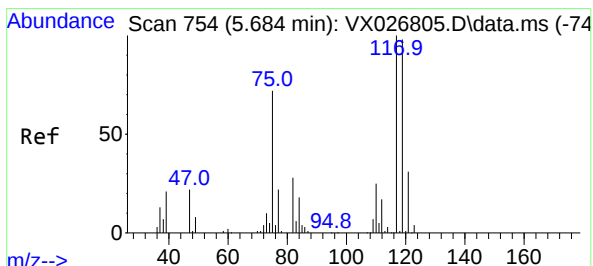
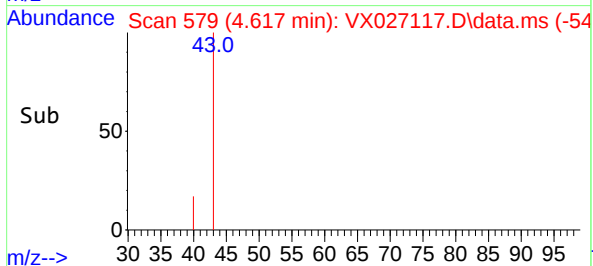
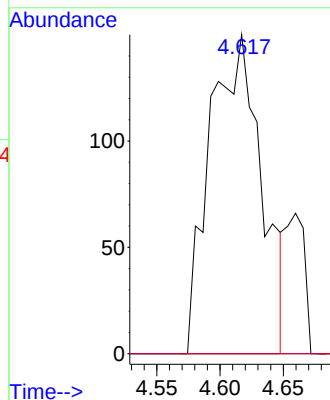
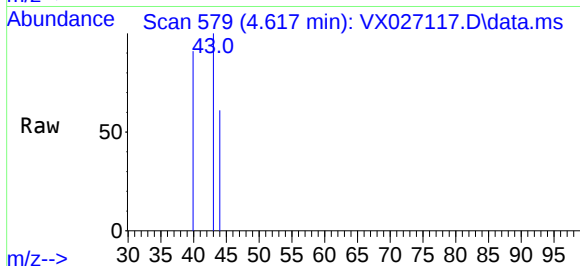
Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.144 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027117.D

Acq: 18 Feb 2022 18:02

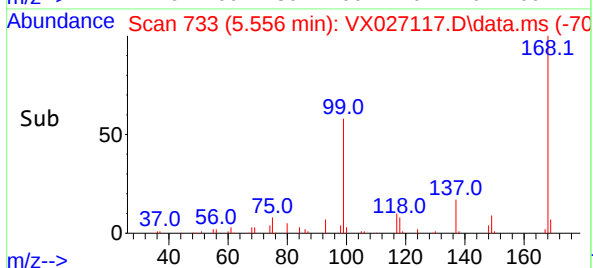
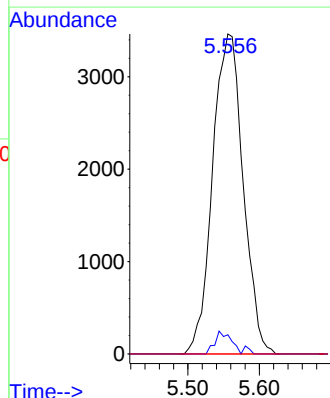
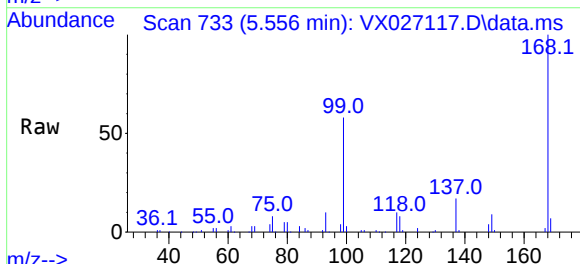
Tgt Ion: 117 Resp: 10271

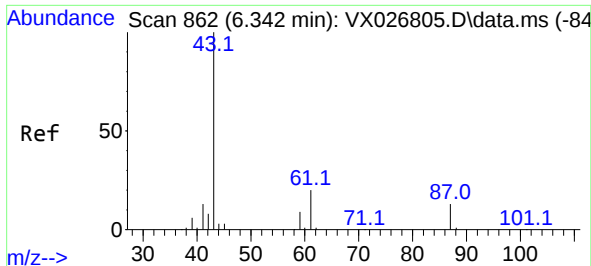
Ion Ratio Lower Upper

117 100

119 6.0 74.7 112.1#

121 0.0 25.4 38.0#





#43

Isopropyl Acetate

Concen: 0.243 ug/l

RT: 6.373 min Scan# 867

Delta R.T. 0.031 min

Lab File: VX027117.D

Acq: 18 Feb 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

A5-5-7.5

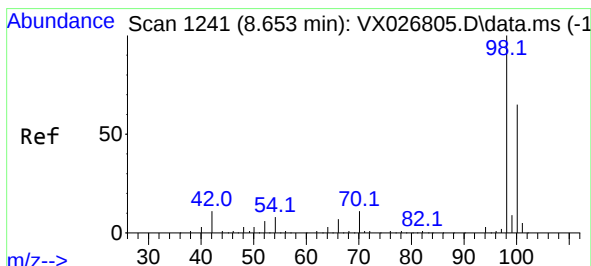
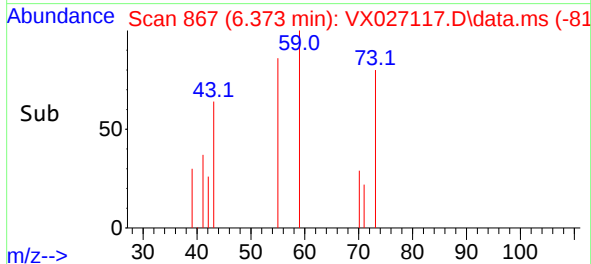
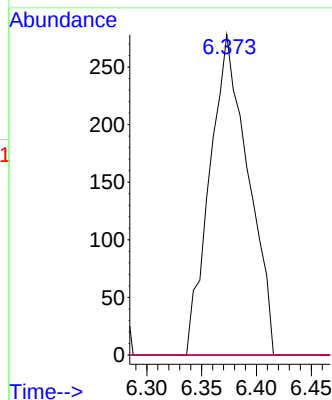
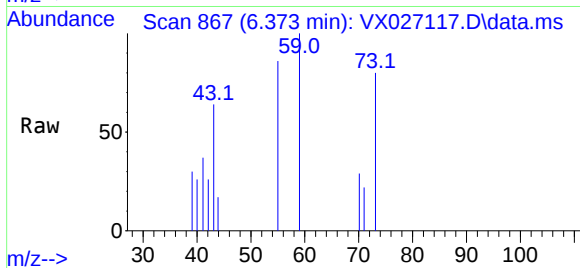
Tgt Ion: 43 Resp: 677

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

87 0.0 10.2 15.2#



#50

Toluene-d8

Concen: 52.113 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027117.D

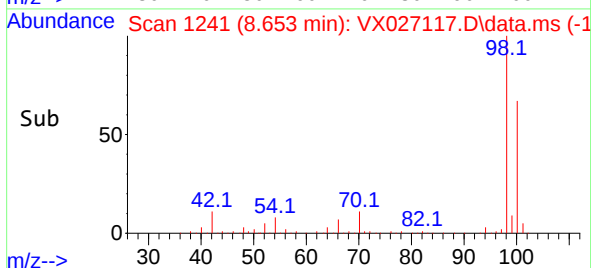
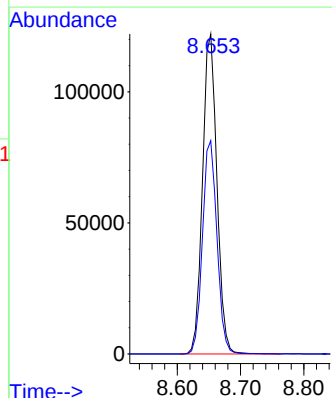
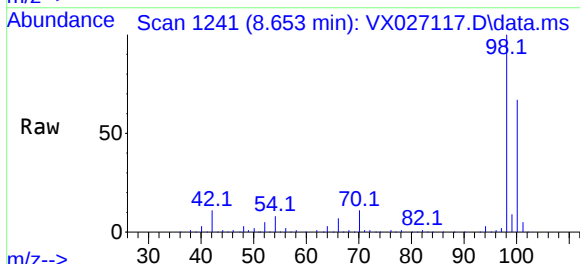
Acq: 18 Feb 2022 18:02

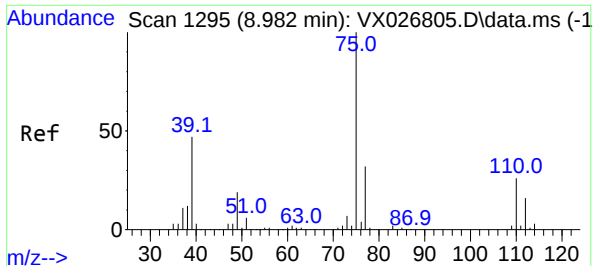
Tgt Ion: 98 Resp: 193306

Ion Ratio Lower Upper

98 100

100 67.1 53.2 79.8





#53

t-1,3-Dichloropropene

Concen: 1.480 ug/l

RT: 8.903 min Scan# 11

Delta R.T. -0.079 min

Lab File: VX027117.D

Acq: 18 Feb 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

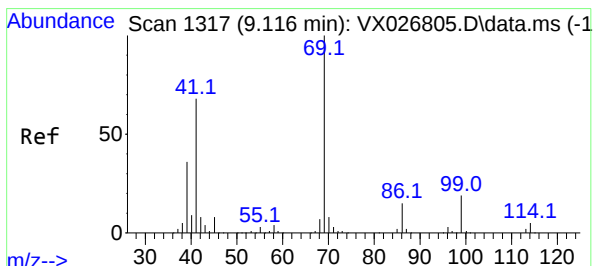
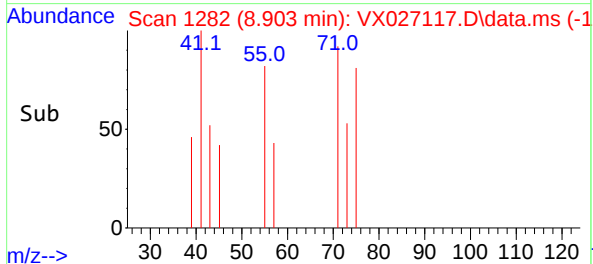
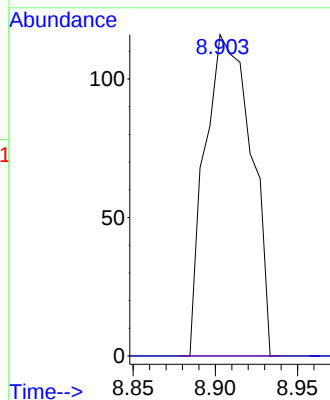
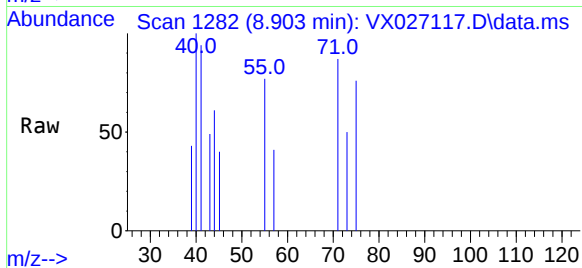
A5-5-7.5

Tgt Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#



#56

Ethyl methacrylate

Concen: 0.203 ug/l

RT: 8.866 min Scan# 1276

Delta R.T. -0.250 min

Lab File: VX027117.D

Acq: 18 Feb 2022 18:02

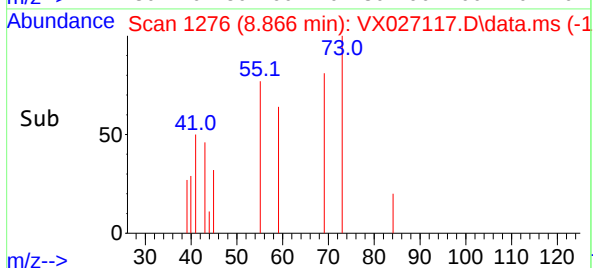
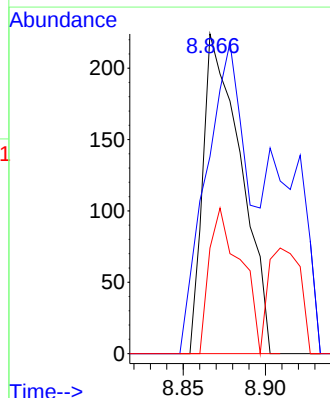
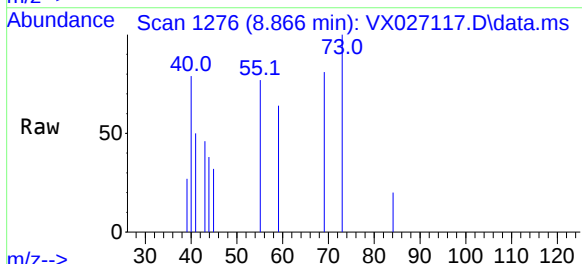
Tgt Ion: 69 Resp: 359

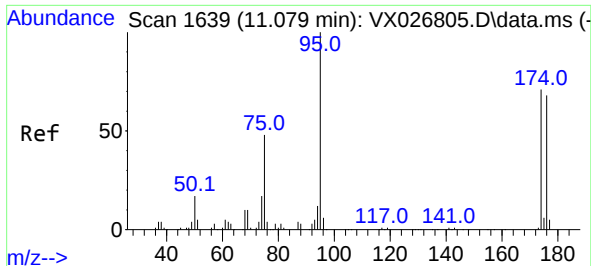
Ion Ratio Lower Upper

69 100

41 109.2 57.2 85.8#

39 37.6 30.9 46.3

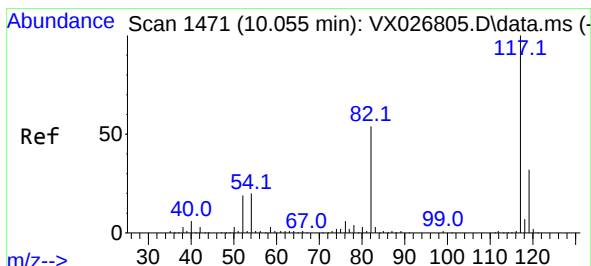
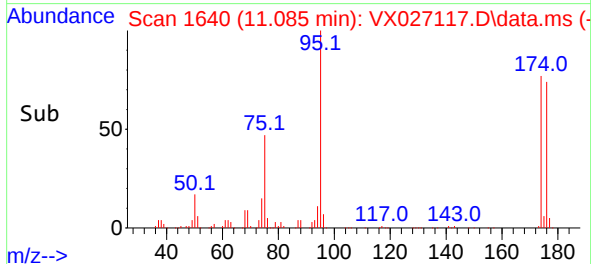
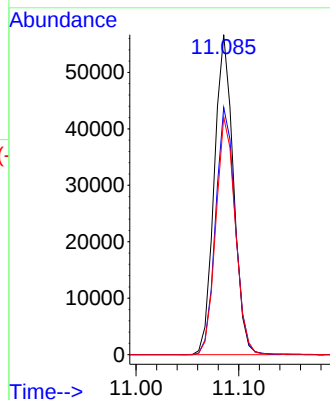
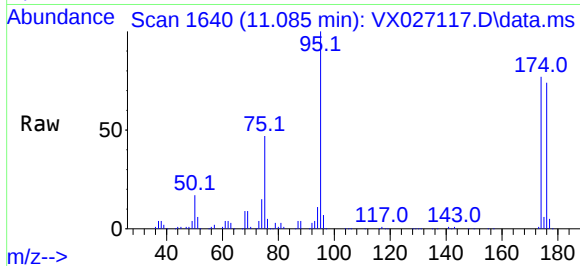




#62
4-Bromofluorobenzene
Concen: 56.274 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

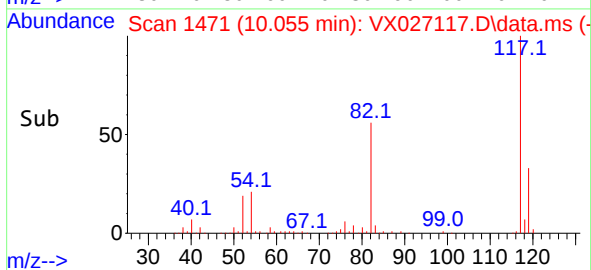
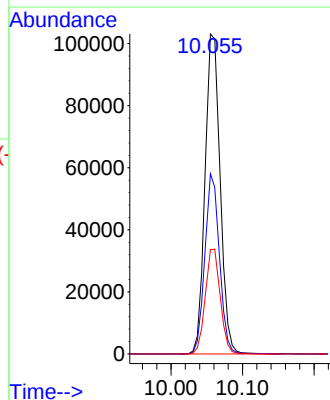
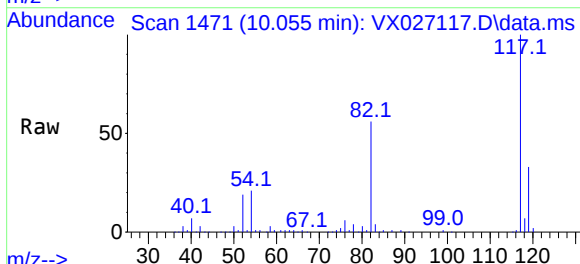
Instrument :
MSVOA_X
ClientSampleId :
A5-5-7.5

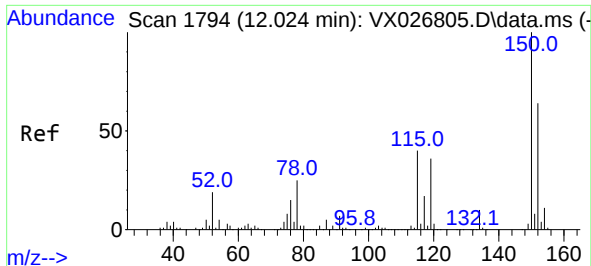
Tgt Ion: 95 Resp: 73491
Ion Ratio Lower Upper
95 100
174 78.5 0.0 148.6
176 75.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Tgt Ion: 117 Resp: 151619
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.6 26.2 39.2

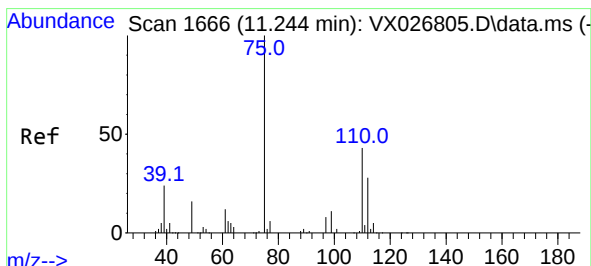
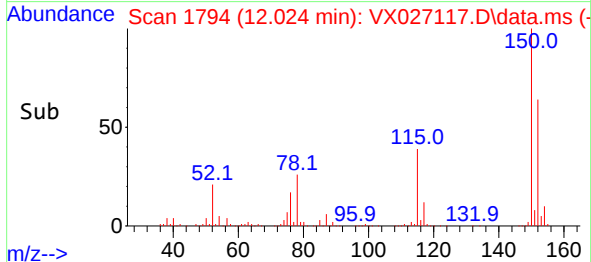
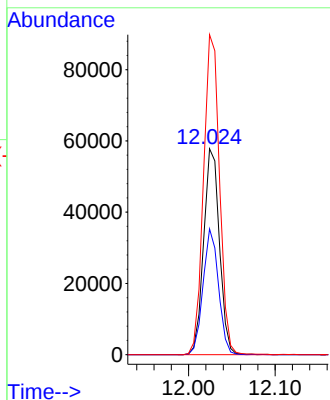
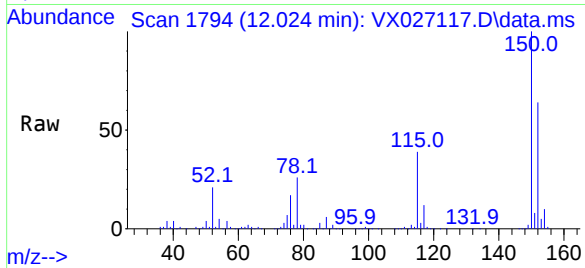




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX027117.D
 Acq: 18 Feb 2022 18:02

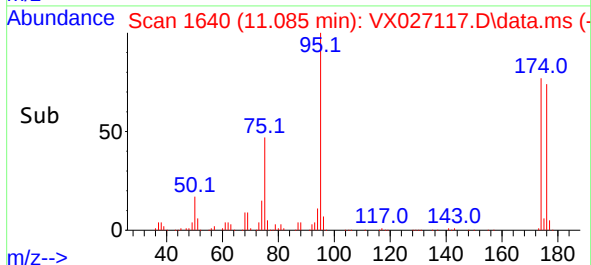
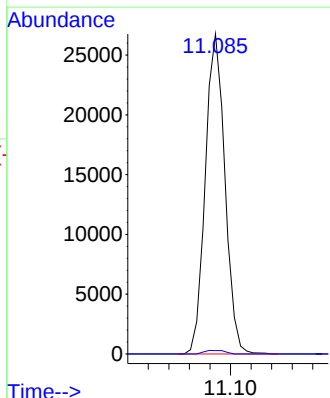
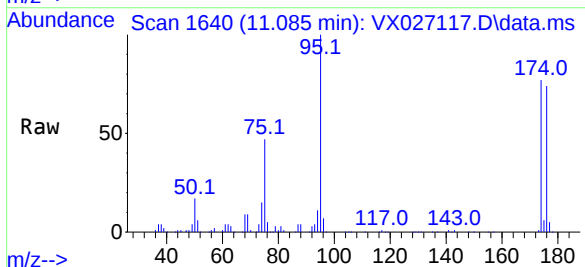
Instrument :
 MSVOA_X
 ClientSampleId :
 A5-5-7.5

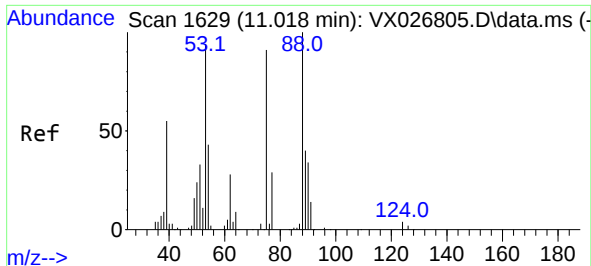
Tgt Ion:152 Resp: 73227
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.2 132.6
 150 157.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 22.178 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX027117.D
 Acq: 18 Feb 2022 18:02

Tgt Ion: 75 Resp: 35551
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.3 54.8#

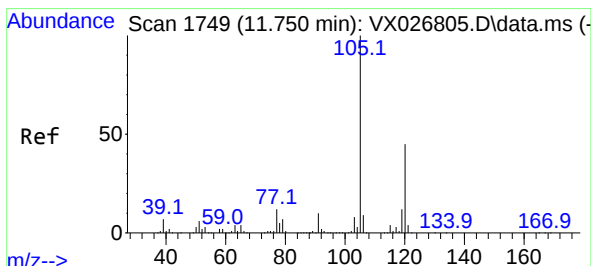
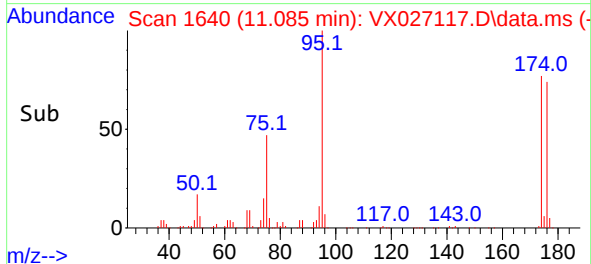
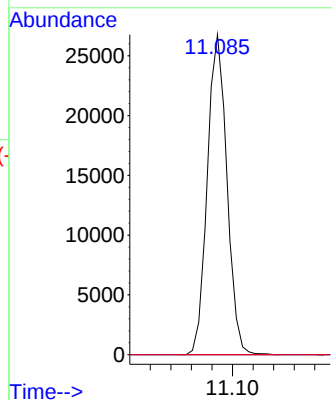
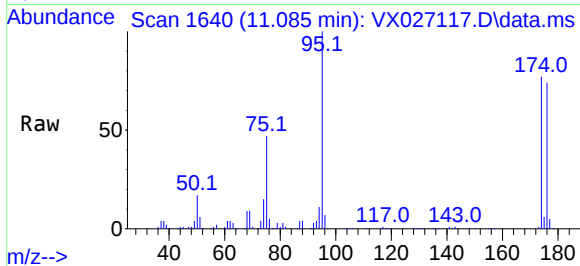




#81
trans-1,4-Dichloro-2-butene
Concen: 68.031 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Instrument :
MSVOA_X
ClientSampleId :
A5-5-7.5

Tgt Ion: 75 Resp: 35551
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027117.D
Acq: 18 Feb 2022 18:02

Tgt Ion: 105 Resp: 1194
Ion Ratio Lower Upper
105 100
120 48.3 21.9 65.5

