

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX027004.D
 Acq On : 12 Feb 2022 05:58
 Operator : JC/MD
 Sample : N1465-09 20X
 Misc : 6.54g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5-9-9.0

Quant Time: Feb 14 00:30:22 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)

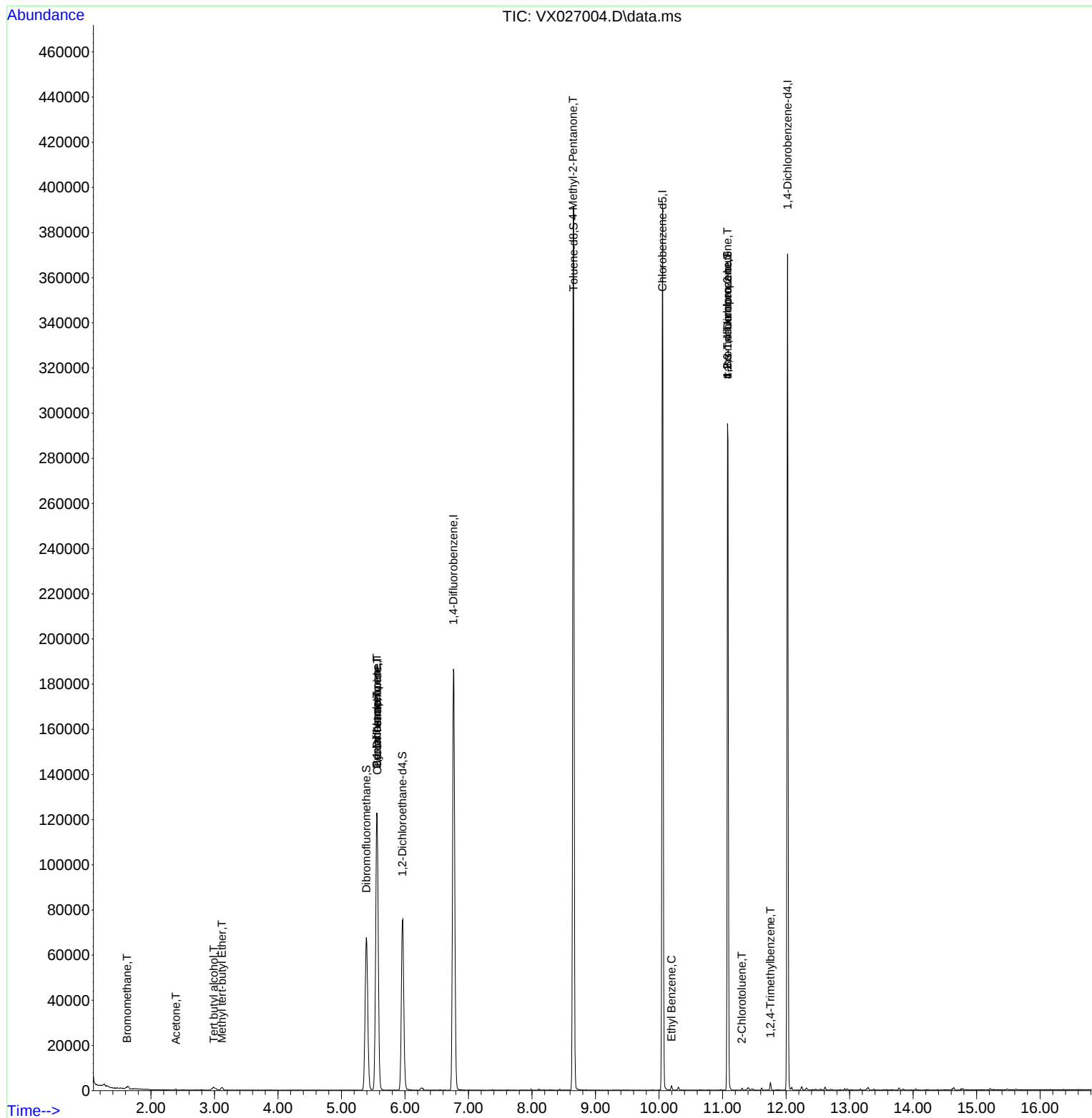
Internal Standards						
1) Pentafluorobenzene	5.556	168	117623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73709	52.204	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.400%			
35) Dibromofluoromethane	5.391	113	60406	51.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	8.653	98	228232	53.416	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.840%			
62) 4-Bromofluorobenzene	11.079	95	82801	55.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.080%			
Target Compounds			Qvalue			
5) Bromomethane	1.623	94	114	0.216	ug/l #	57
11) Tert butyl alcohol	2.989	59	2937	11.514	ug/l #	84
16) Acetone	2.391	43	444	0.716	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1472	0.345	ug/l #	75
31) Cyclohexane	5.556	56	2325	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9107	4.959	ug/l #	50
38) Carbon Tetrachloride	5.562	117	11981	6.222	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	1007	0.518	ug/l #	1
67) Ethyl Benzene	10.195	91	1359	0.211	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	40924	25.312	ug/l #	40
79) 2-Chlorotoluene	11.305	91	812	0.204	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	40924	77.165	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1637	0.339	ug/l	98

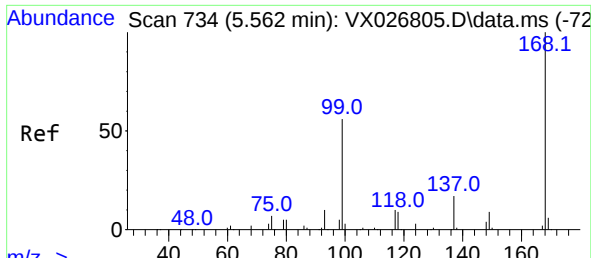
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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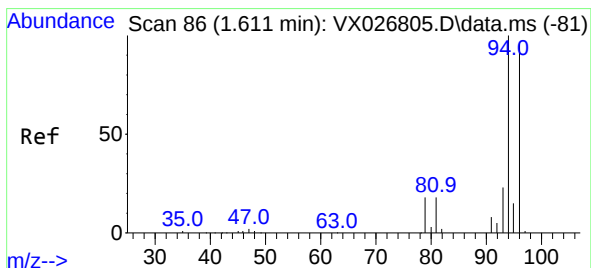
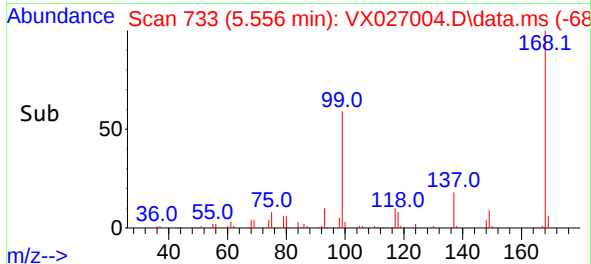
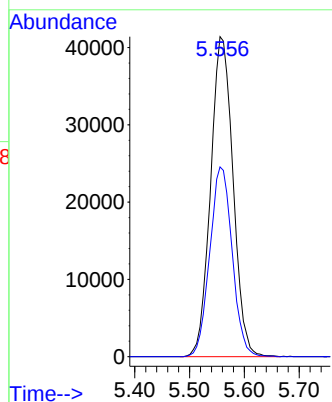
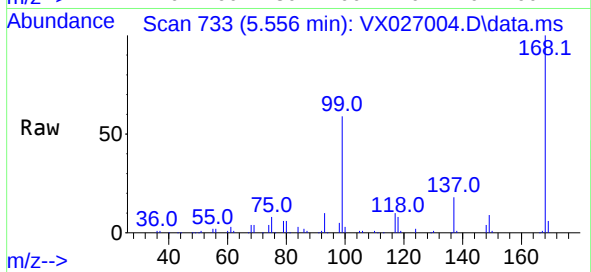




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

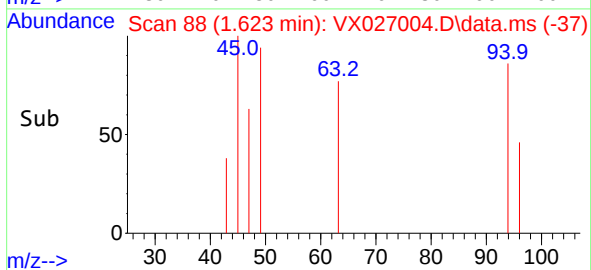
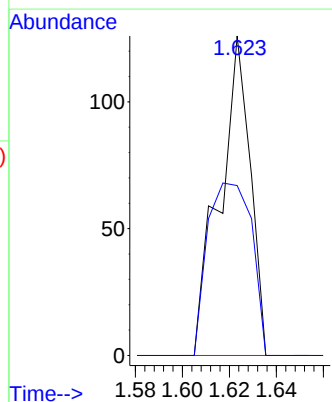
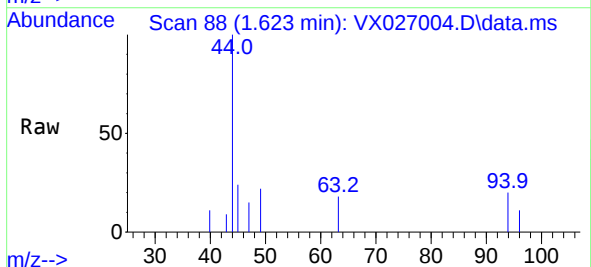
Instrument :
MSVOA_X
ClientSampleId :
A5-9-9.0

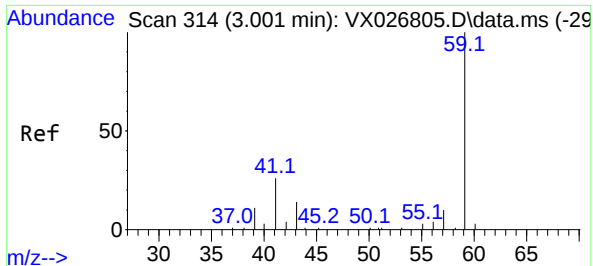
Tgt Ion:168 Resp: 117623
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 94 Resp: 114
Ion Ratio Lower Upper
94 100
96 53.2 75.9 113.9#





#11

Tert butyl alcohol

Concen: 11.514 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX027004.D

Acq: 12 Feb 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

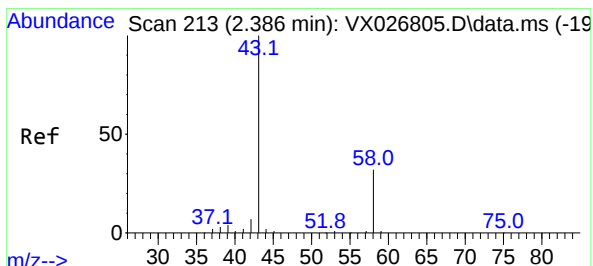
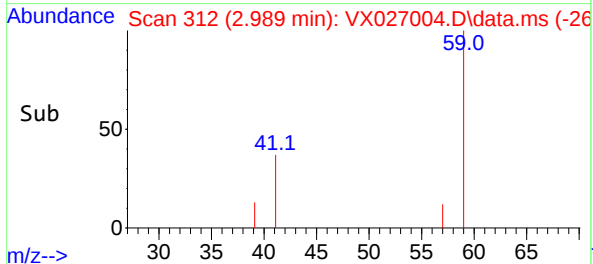
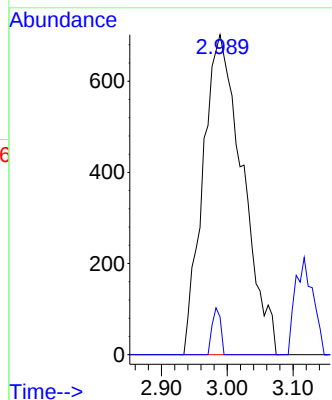
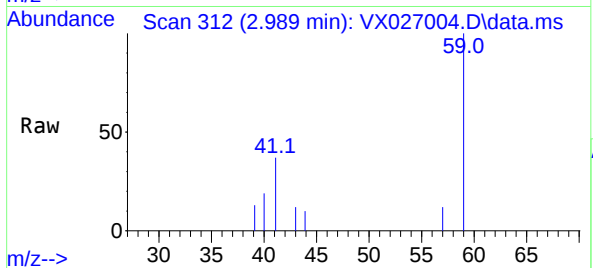
A5-9-9.0

Tgt Ion: 59 Resp: 2937

Ion Ratio Lower Upper

59 100

57 3.1 7.2 10.8#



#16

Acetone

Concen: 0.716 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX027004.D

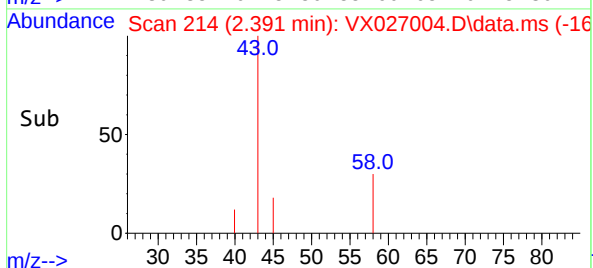
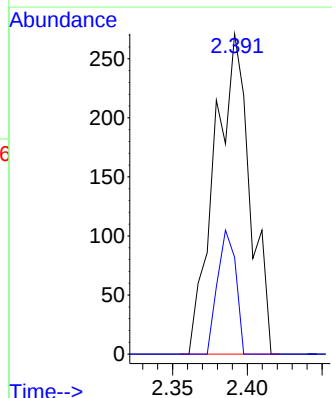
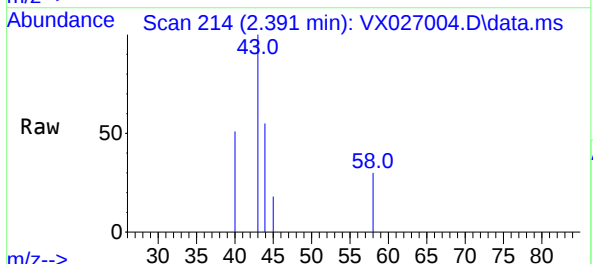
Acq: 12 Feb 2022 05:58

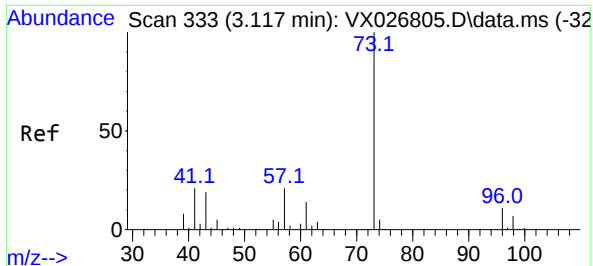
Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

58 30.3 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 0.345 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX027004.D

Acq: 12 Feb 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

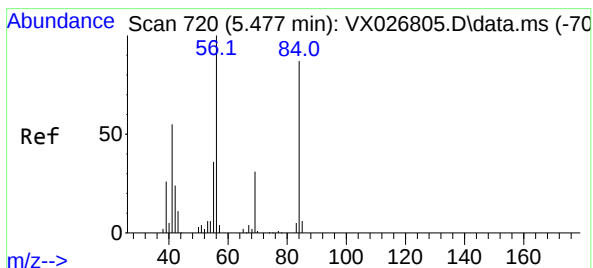
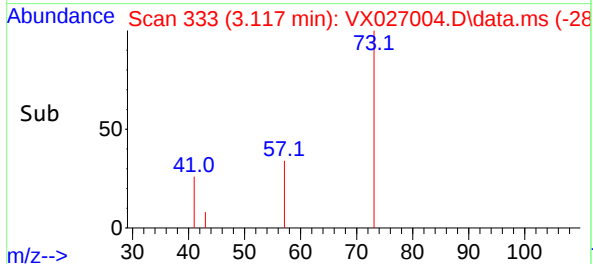
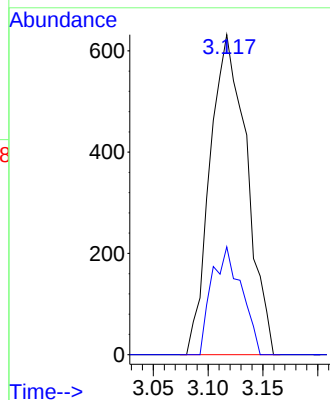
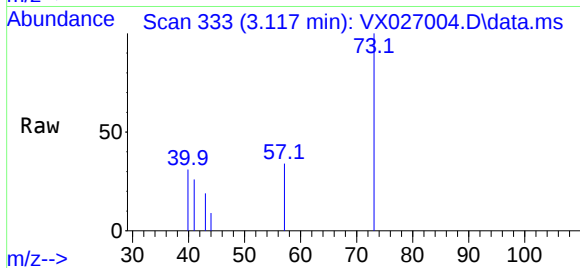
A5-9-9.0

Tgt Ion: 73 Resp: 1472

Ion Ratio Lower Upper

73 100

57 33.7 17.4 26.2#



#31

Cyclohexane

Concen: 1.036 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027004.D

Acq: 12 Feb 2022 05:58

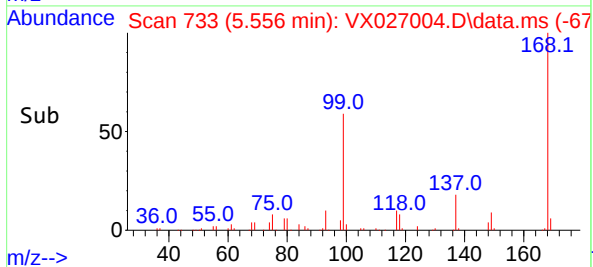
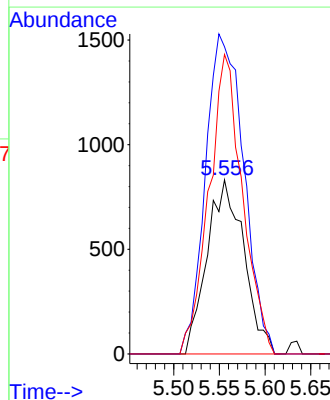
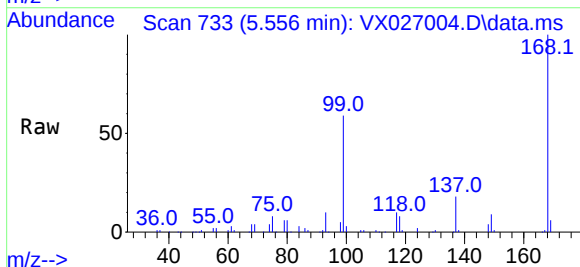
Tgt Ion: 56 Resp: 2325

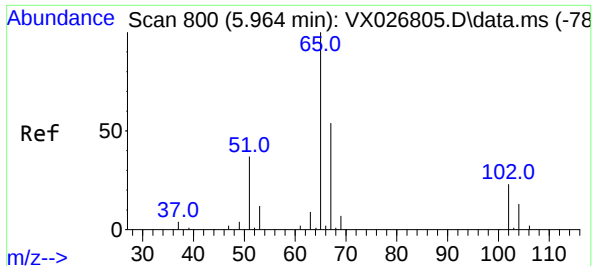
Ion Ratio Lower Upper

56 100

69 176.4 25.8 38.6#

84 172.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.204 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027004.D

Acq: 12 Feb 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

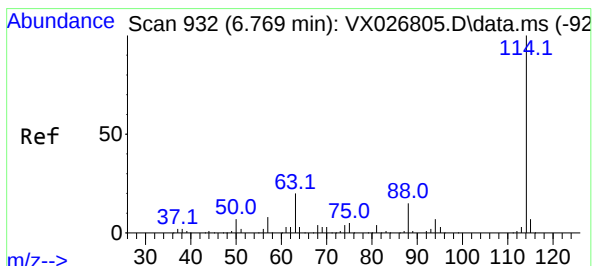
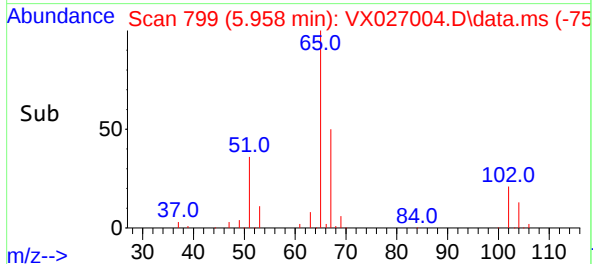
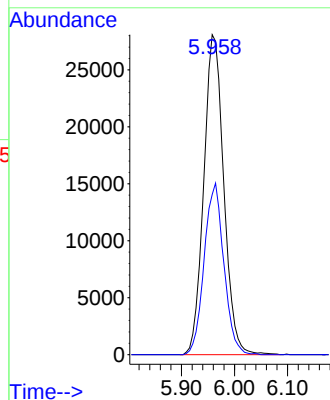
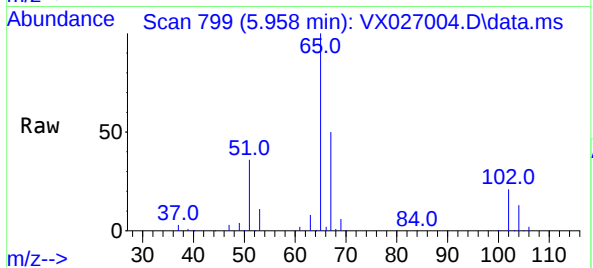
A5-9-9.0

Tgt Ion: 65 Resp: 73709

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: VX027004.D

Acq: 12 Feb 2022 05:58

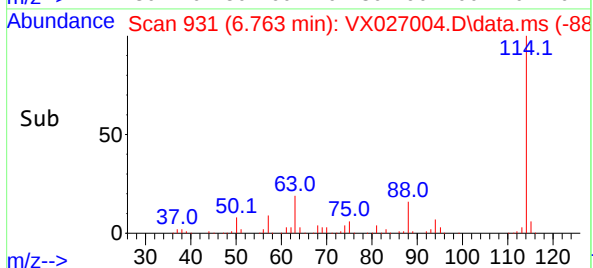
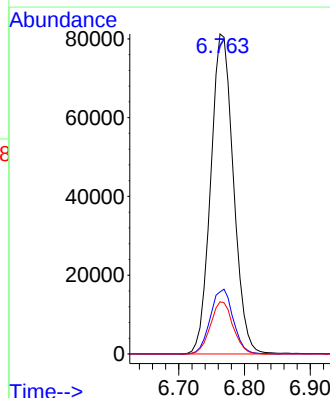
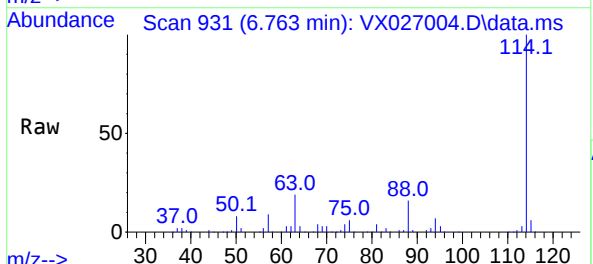
Tgt Ion: 114 Resp: 195373

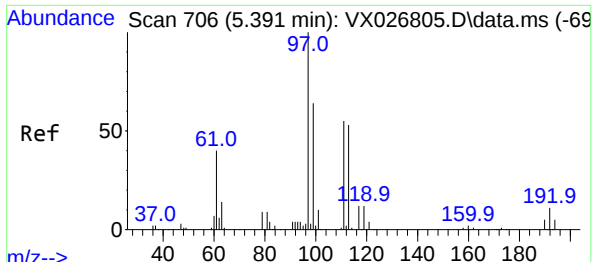
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

88 16.3 0.0 33.0

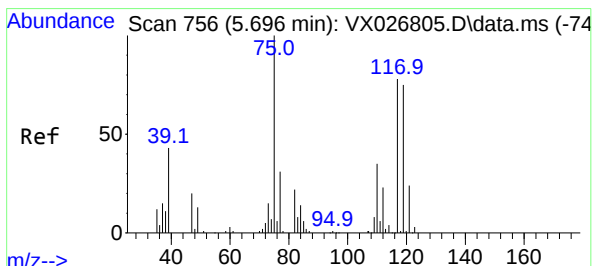
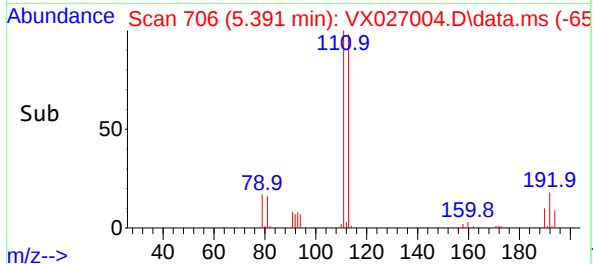
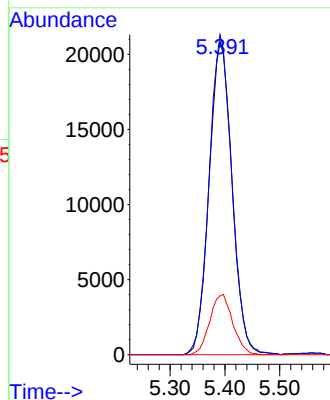
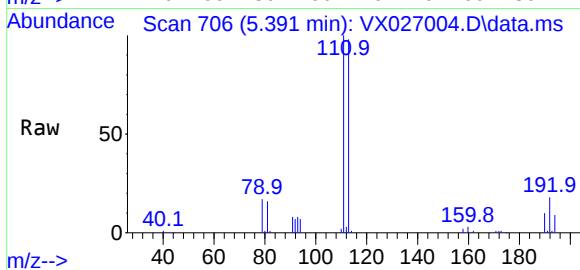




#35
Dibromofluoromethane
Concen: 51.896 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

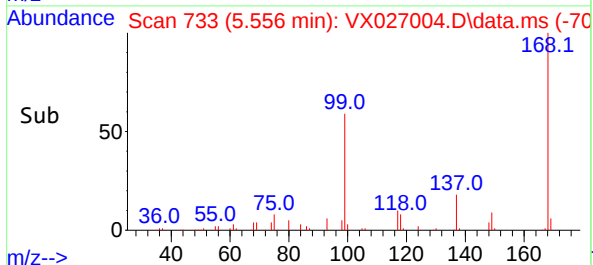
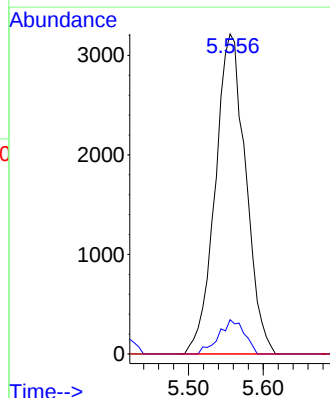
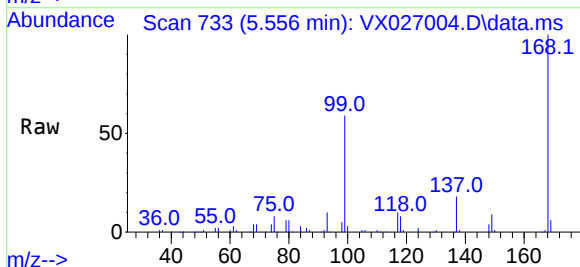
Instrument :
MSVOA_X
ClientSampleId :
A5-9-9.0

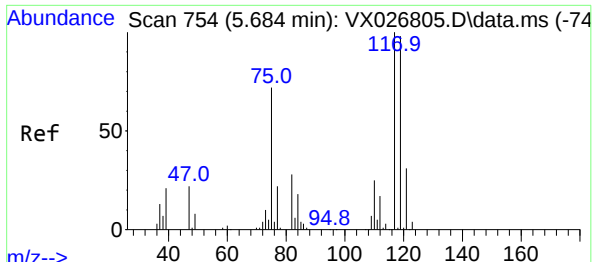
Tgt Ion:113 Resp: 60406
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 19.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 75 Resp: 9107
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#

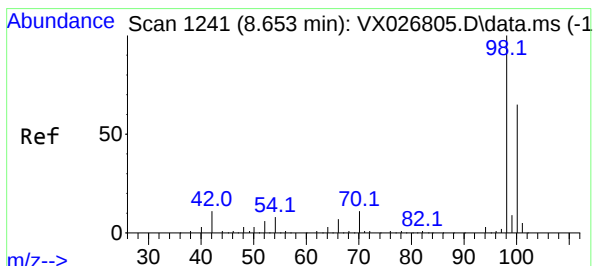
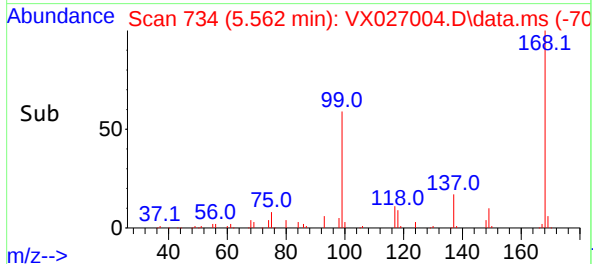
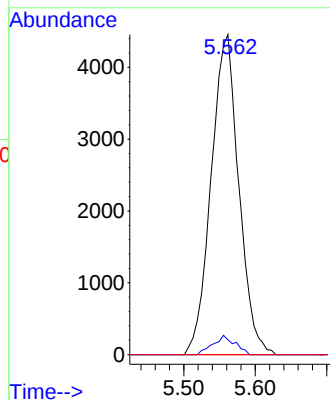
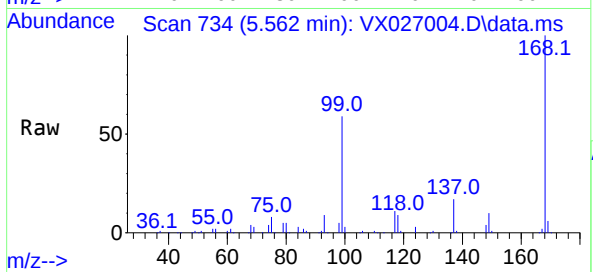




#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

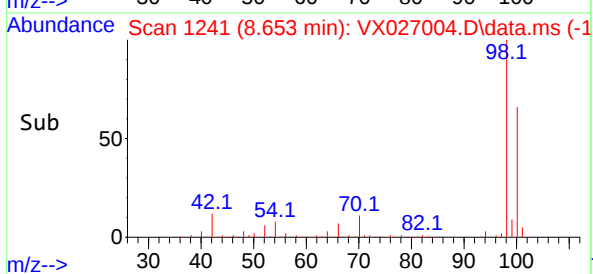
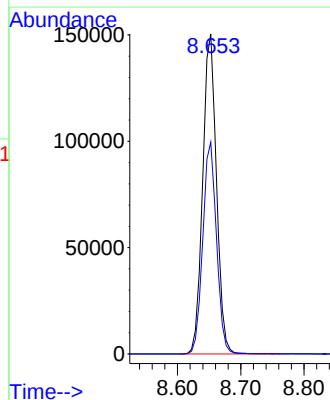
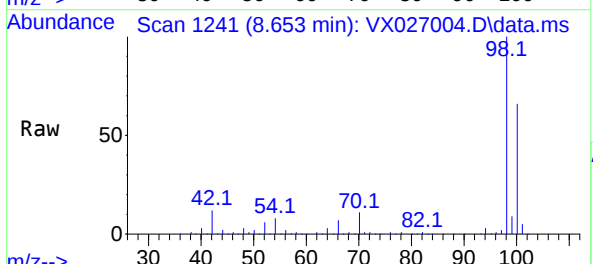
Instrument :
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ClientSampleId :
A5-9-9.0

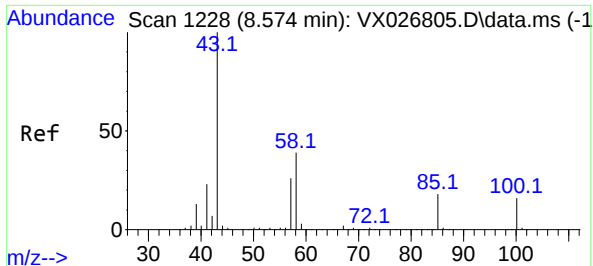
Tgt Ion:117 Resp: 11981
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 53.416 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 98 Resp: 228232
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8

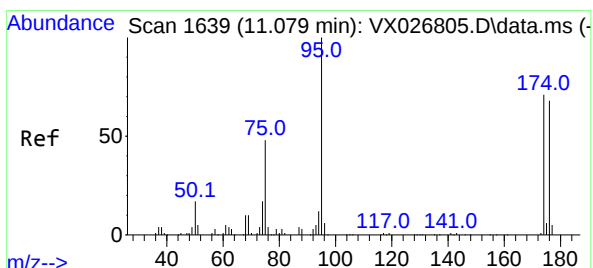
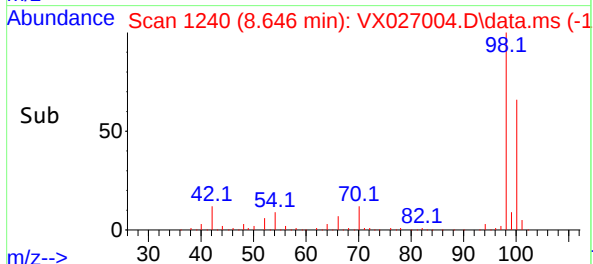
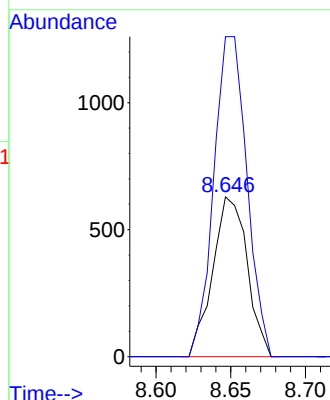
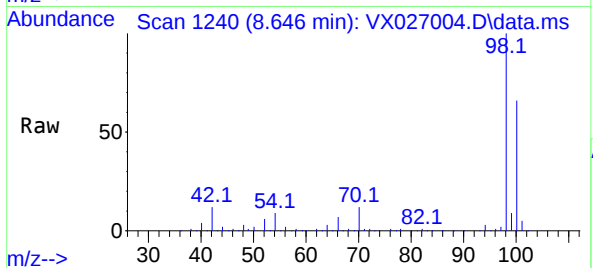




#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

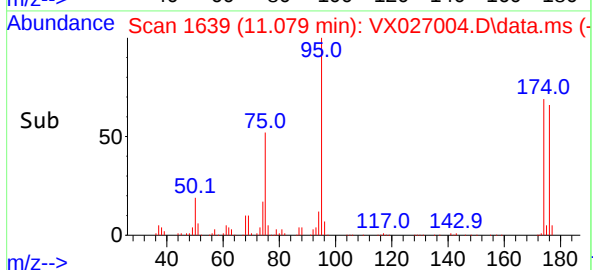
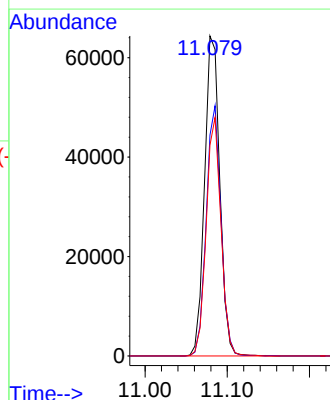
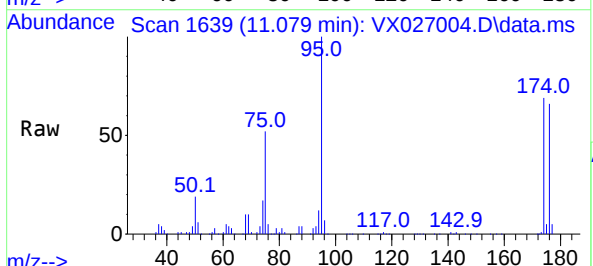
Instrument :
MSVOA_X
ClientSampleId :
A5-9-9.0

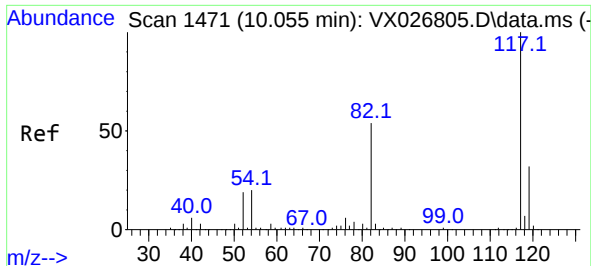
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 192.8 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 55.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 95 Resp: 82801
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.6
176 72.4 0.0 141.4

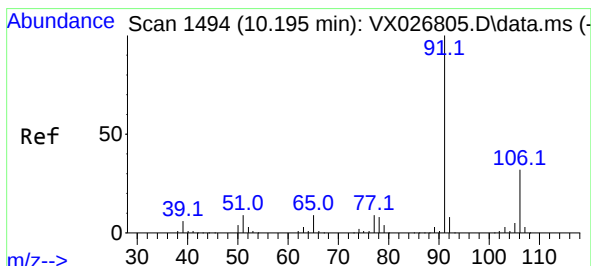
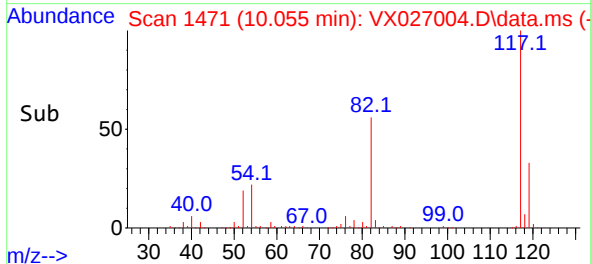
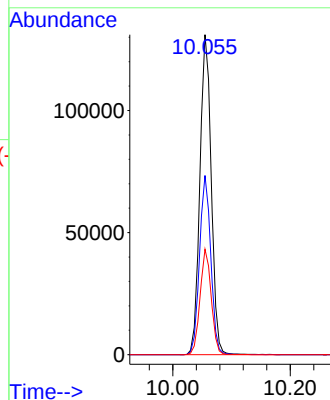
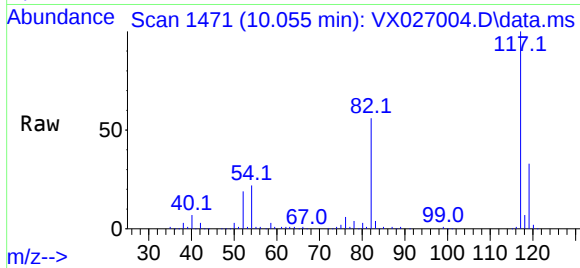




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

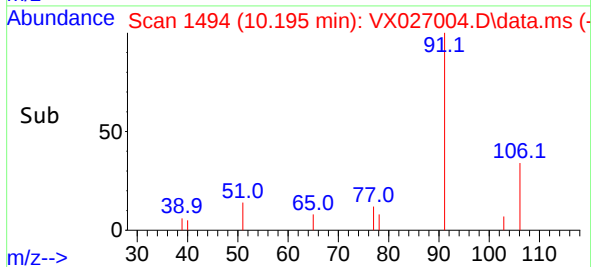
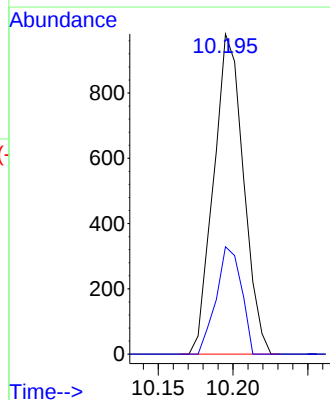
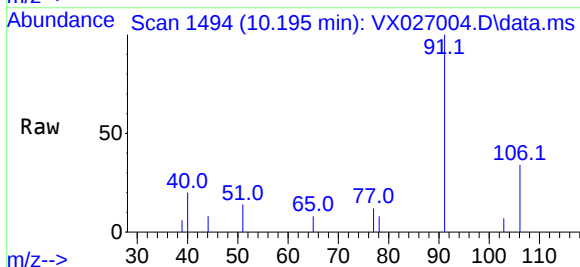
Instrument :
MSVOA_X
ClientSampleId :
A5-9-9.0

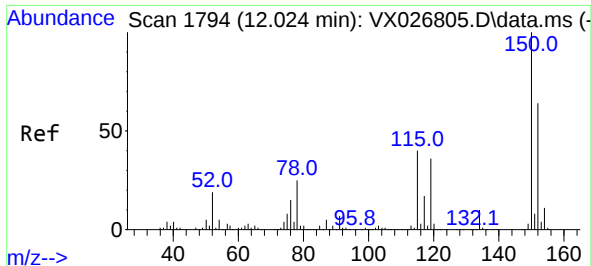
Tgt Ion:117 Resp: 176288
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 32.9 26.2 39.2



#67
Ethyl Benzene
Concen: 0.211 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 91 Resp: 1359
Ion Ratio Lower Upper
91 100
106 33.5 24.7 37.1

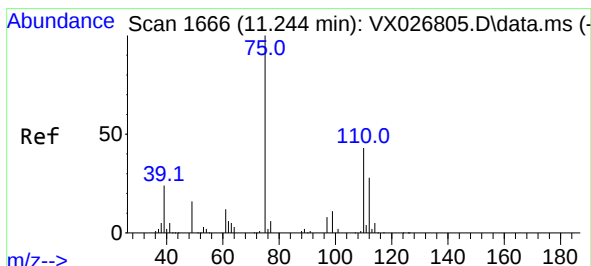
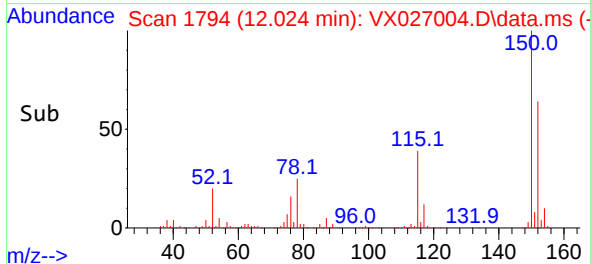
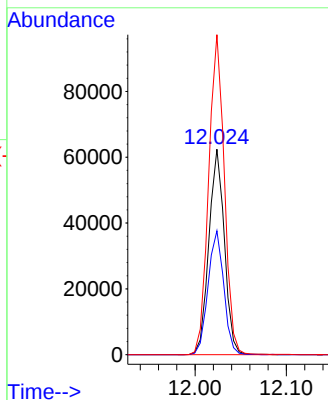
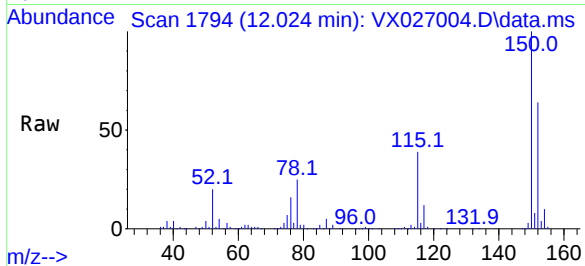




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

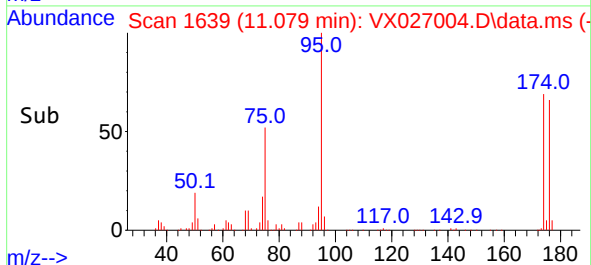
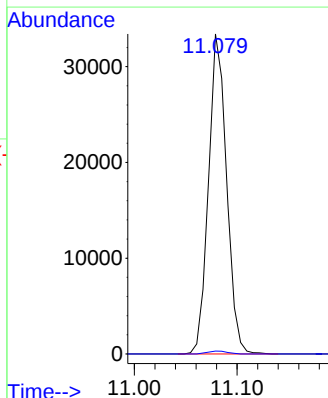
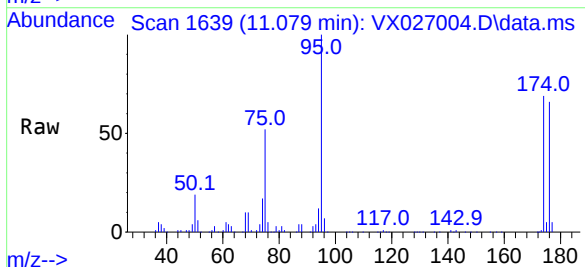
Instrument :
MSVOA_X
ClientSampleId :
A5-9-9.0

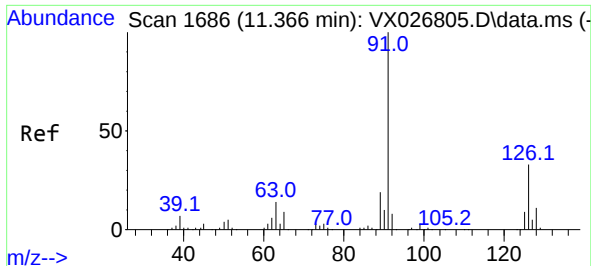
Tgt Ion:152 Resp: 73858
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 157.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 75 Resp: 40924
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

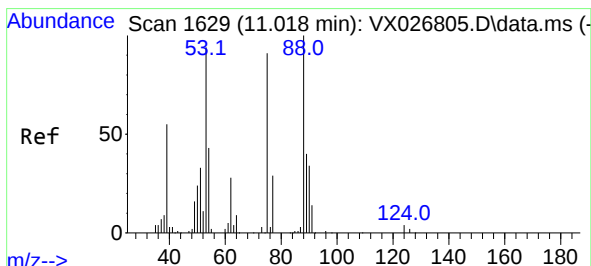
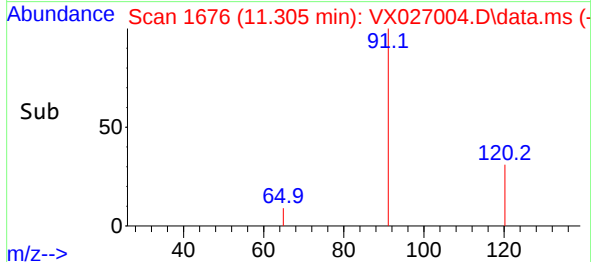
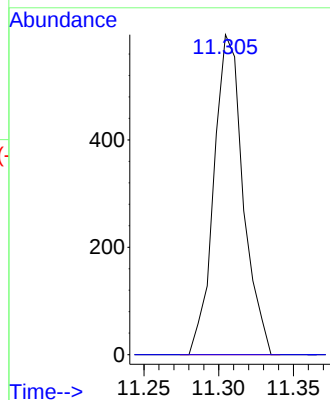
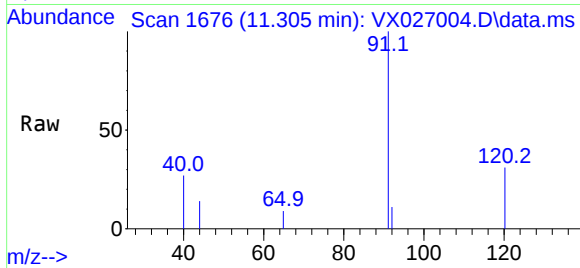




#79
2-Chlorotoluene
Concen: 0.204 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

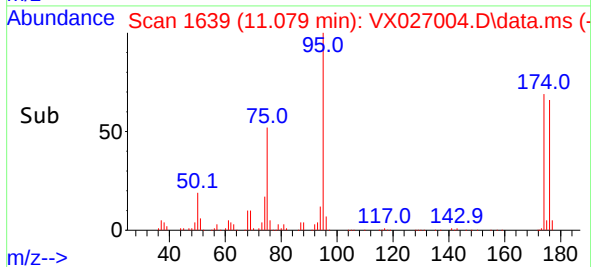
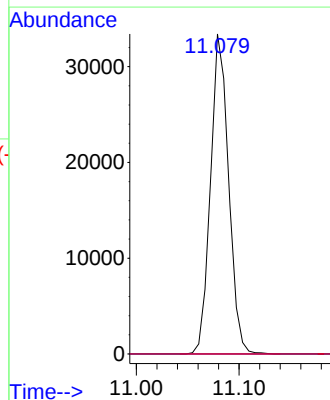
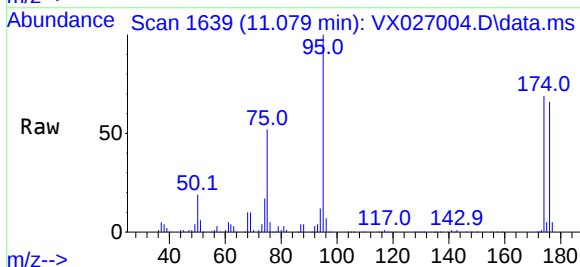
Instrument :
MSVOA_X
ClientSampleId :
A5-9-9.0

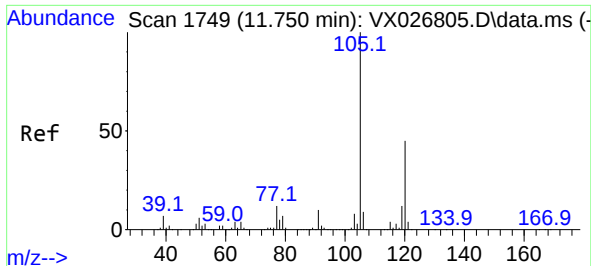
Tgt Ion: 91 Resp: 812
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027004.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 75 Resp: 40924
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: 0.339 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027004.D

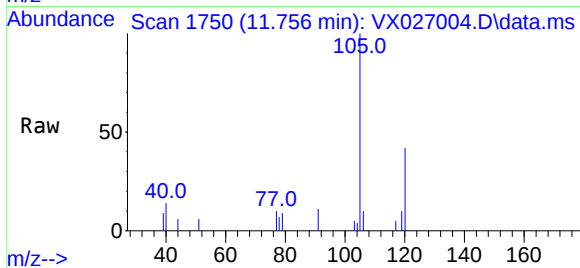
Acq: 12 Feb 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

A5-9-9.0



Tgt Ion:105 Resp: 1637

Ion Ratio Lower Upper

105 100

120 44.7 21.9 65.5

