

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026903.D
 Acq On : 10 Feb 2022 05:38
 Operator : JC/MD
 Sample : N1447-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 07:30:42 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)

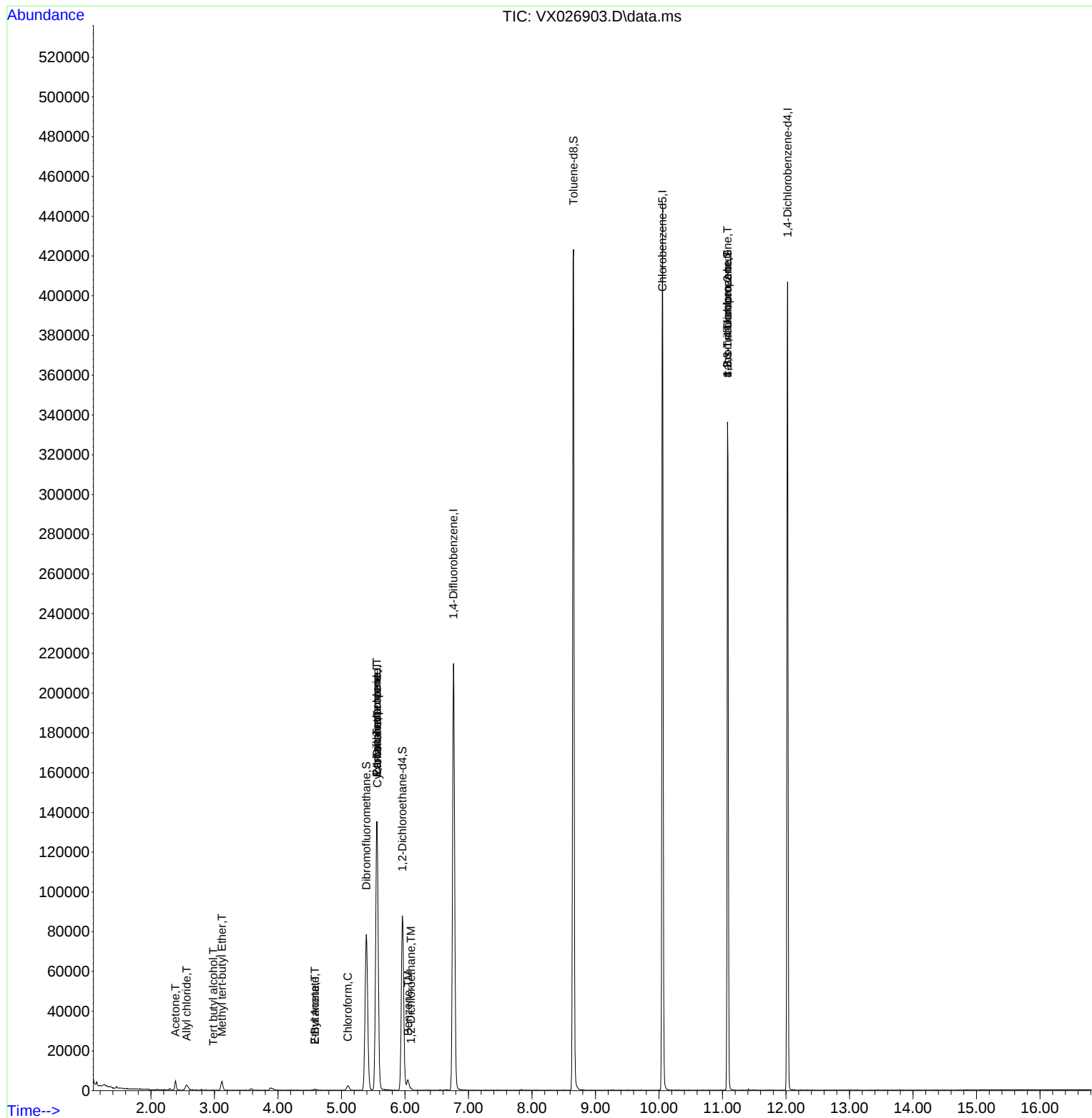
Internal Standards						
1) Pentafluorobenzene	5.556	168	127632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85394	55.737	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.480%
35) Dibromofluoromethane	5.391	113	69433	53.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.560%
50) Toluene-d8	8.653	98	256888	53.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.400%
62) 4-Bromofluorobenzene	11.079	95	94241	55.954	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	113	0.408	ug/l #	75
14) Allyl chloride	2.563	41	474	0.205	ug/l #	71
16) Acetone	2.386	43	5273	7.836	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	4947	1.070	ug/l #	90
25) 2-Butanone	4.581	43	1051	0.969	ug/l	99
30) Chloroform	5.099	83	2931	1.119	ug/l	94
31) Cyclohexane	5.562	56	2645	1.087	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	9922	4.826	ug/l #	51
37) Ethyl Acetate	4.581	43	1051	0.450	ug/l #	69
38) Carbon Tetrachloride	5.556	117	13266	6.153	ug/l #	18
40) Benzene	6.050	78	6094	1.017	ug/l	100
42) 1,2-Dichloroethane	6.092	62	1163	0.551	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	47115	25.652	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47115	78.156	ug/l #	3

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

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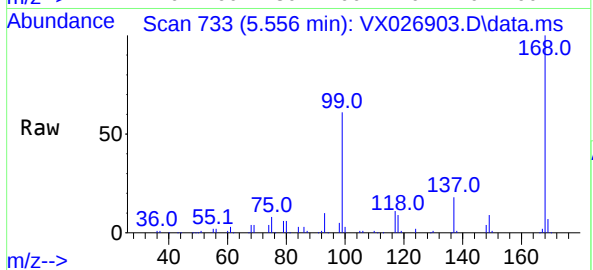
Quant Time: Feb 10 07:30:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
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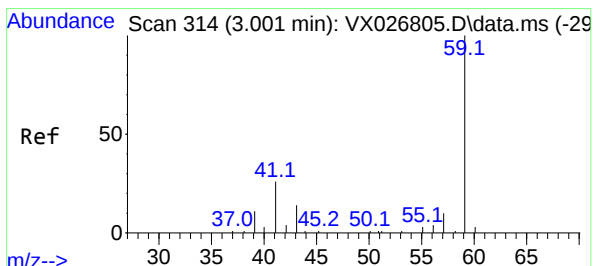
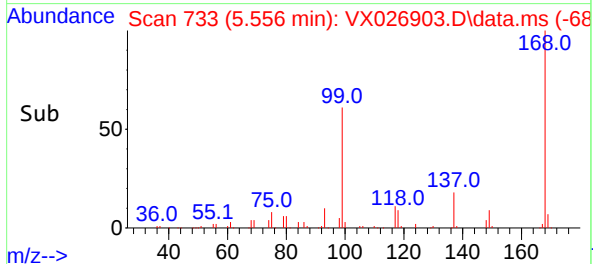
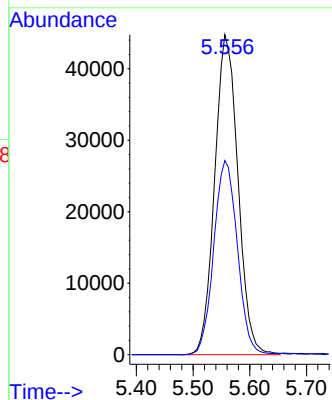


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

Instrument :
MSVOA_X
ClientSampleId :

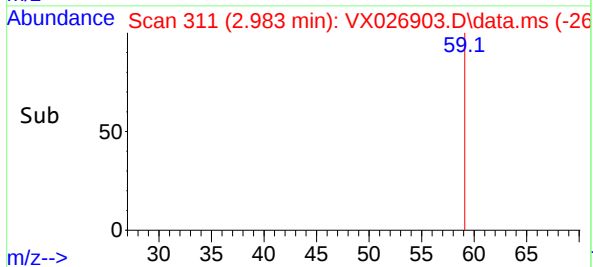
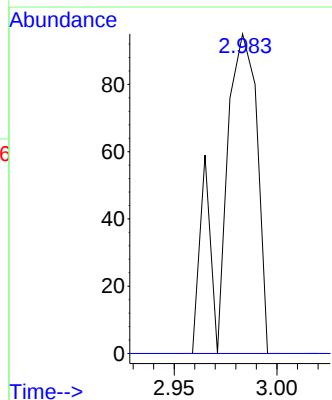
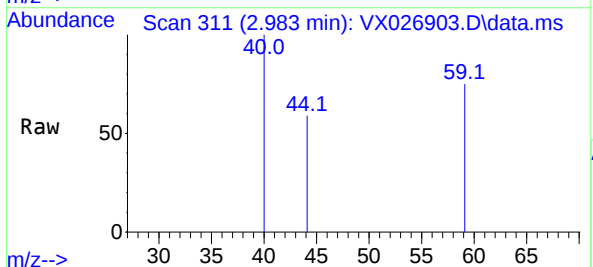


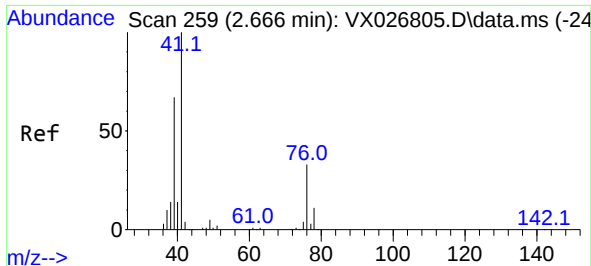
Tgt Ion:168 Resp: 127632
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.408 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.018 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

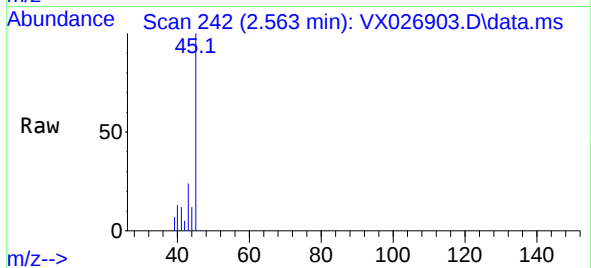
Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



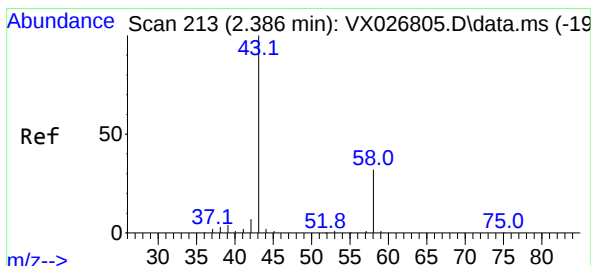
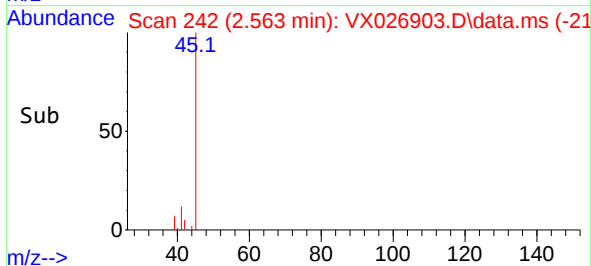
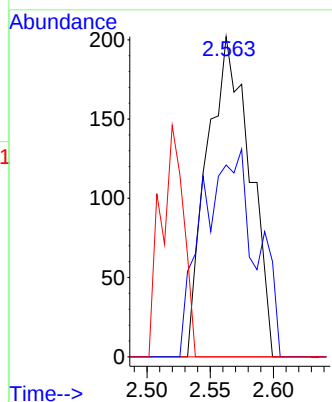


#14
 Allyl chloride
 Concen: 0.205 ug/l
 RT: 2.563 min Scan# 24
 Delta R.T. -0.103 min
 Lab File: VX026903.D
 Acq: 10 Feb 2022 05:38

Instrument :
 MSVOA_X
 ClientSampleId :

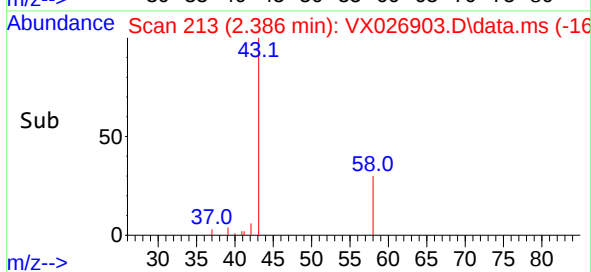
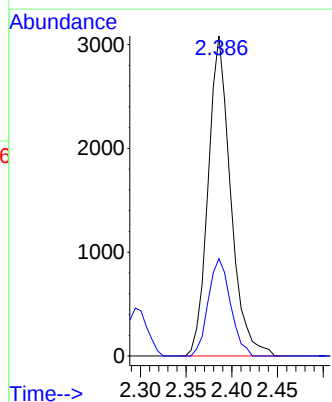
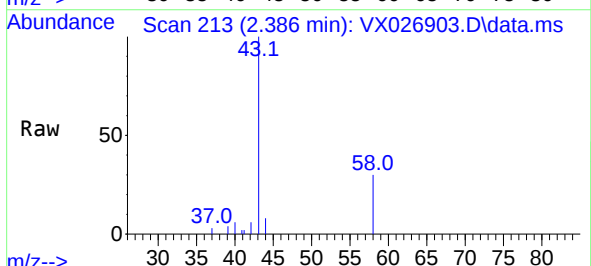


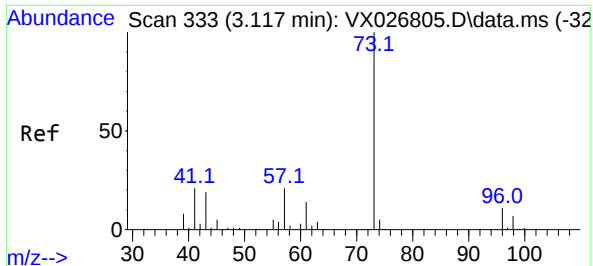
Tgt Ion: 41 Resp: 474
 Ion Ratio Lower Upper
 41 100
 39 81.0 54.2 81.4
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 7.836 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VX026903.D
 Acq: 10 Feb 2022 05:38

Tgt Ion: 43 Resp: 5273
 Ion Ratio Lower Upper
 43 100
 58 30.4 23.0 34.6

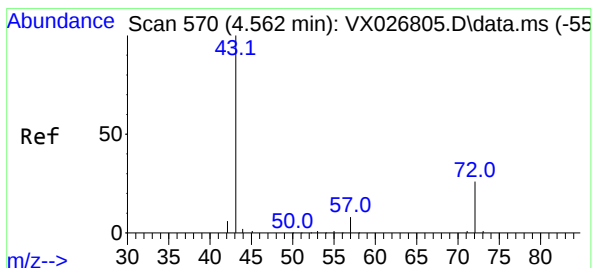
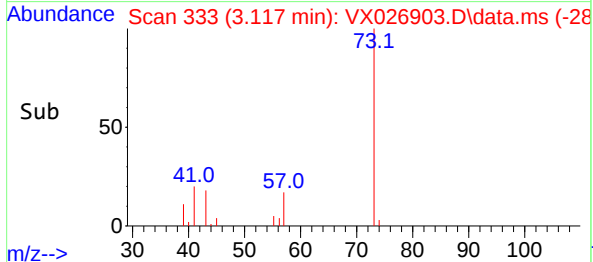
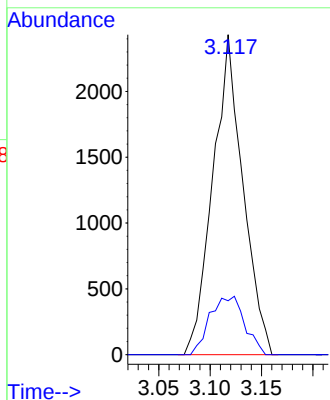
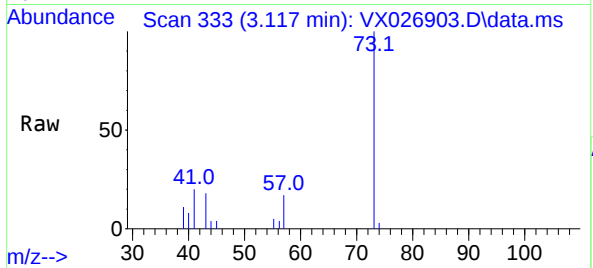




#19
Methyl tert-butyl Ether
Concen: 1.070 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

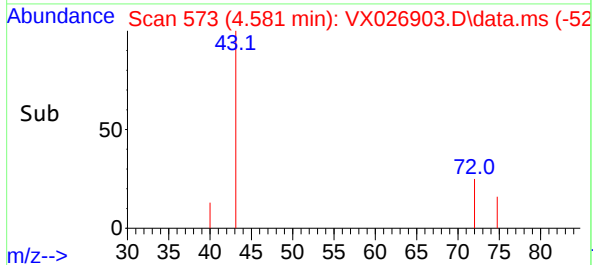
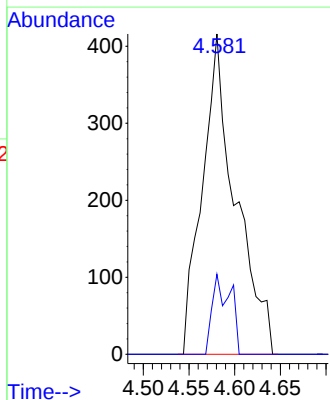
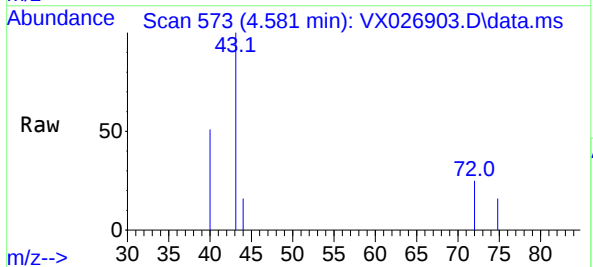
Instrument :
MSVOA_X
ClientSampleId :

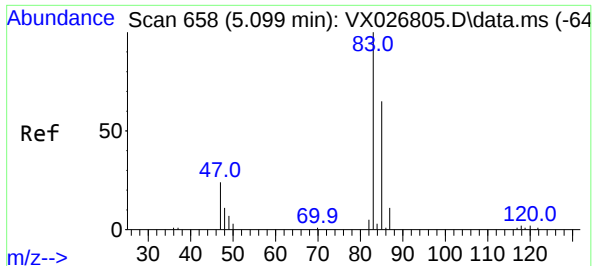
Tgt Ion: 73 Resp: 4947
Ion Ratio Lower Upper
73 100
57 16.8 17.4 26.2#



#25
2-Butanone
Concen: 0.969 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
72 25.0 20.4 30.6





#30

Chloroform

Concen: 1.119 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

Instrument :

MSVOA_X

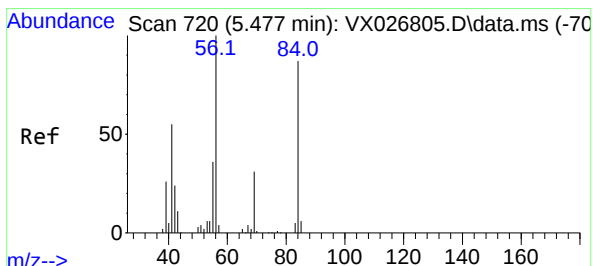
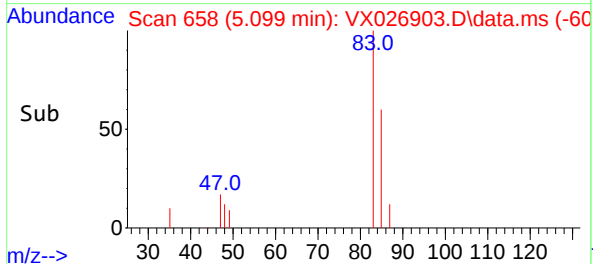
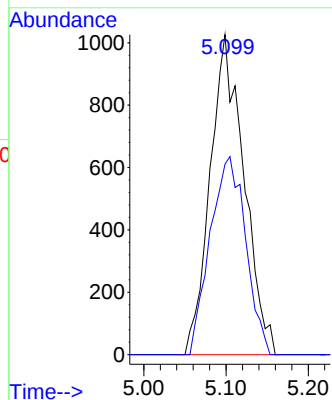
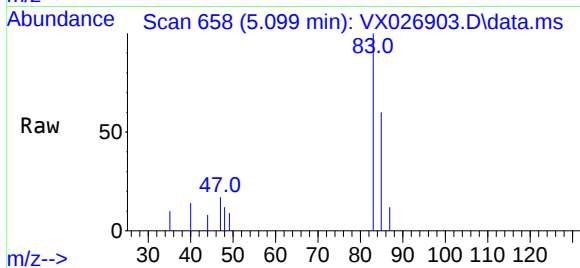
ClientSampleId :

Tgt Ion: 83 Resp: 2931

Ion Ratio Lower Upper

83 100

85 59.6 51.6 77.4



#31

Cyclohexane

Concen: 1.087 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

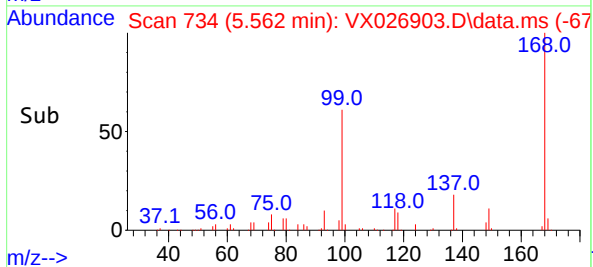
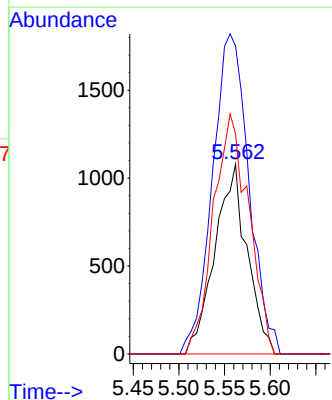
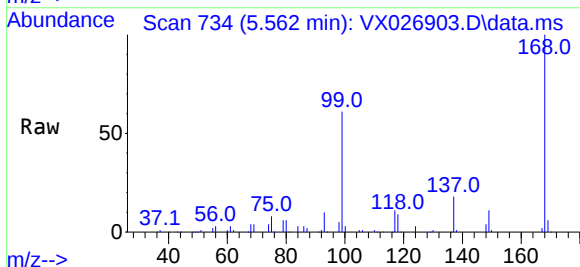
Tgt Ion: 56 Resp: 2645

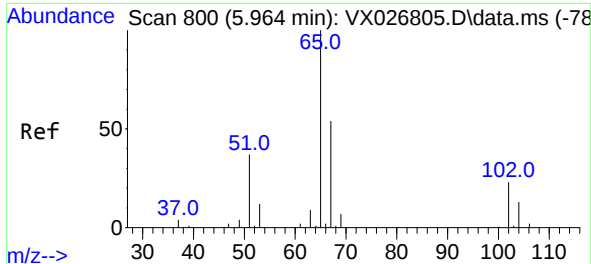
Ion Ratio Lower Upper

56 100

69 162.4 25.8 38.6#

84 116.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.737 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

Instrument :

MSVOA_X

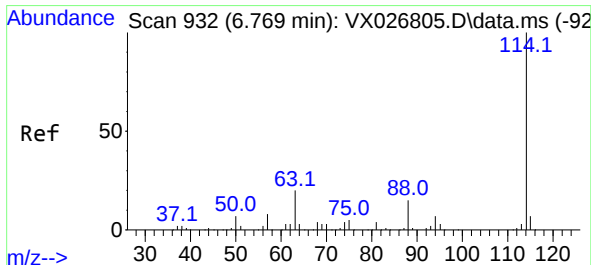
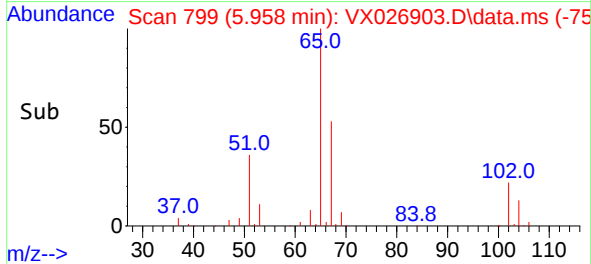
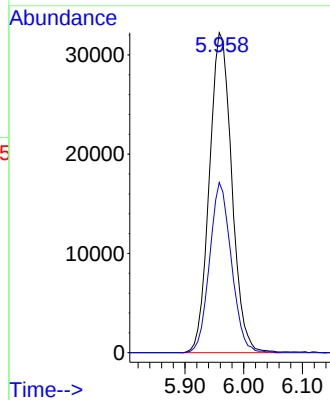
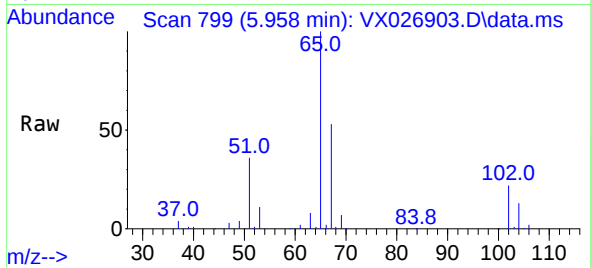
ClientSampleId :

Tgt Ion: 65 Resp: 85394

Ion Ratio Lower Upper

65 100

67 51.8 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: VX026903.D

Acq: 10 Feb 2022 05:38

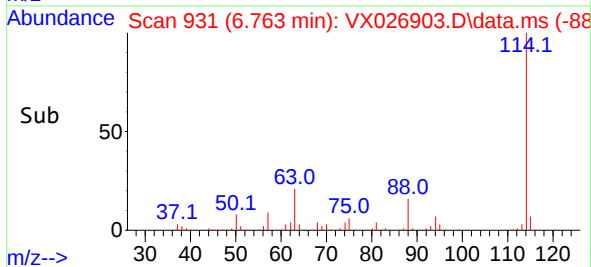
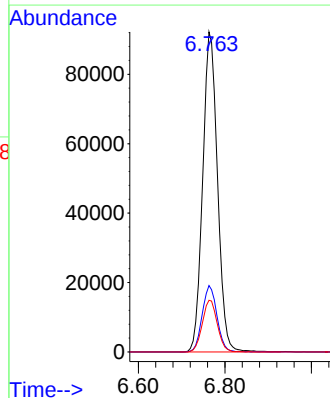
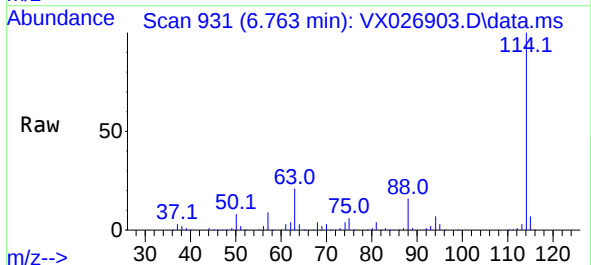
Tgt Ion: 114 Resp: 218751

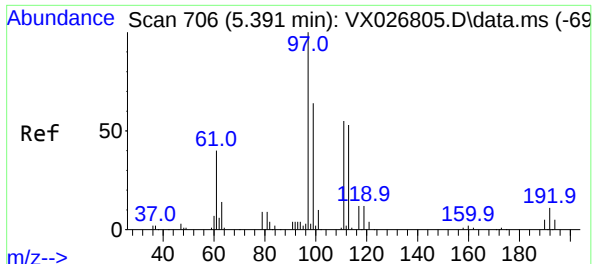
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

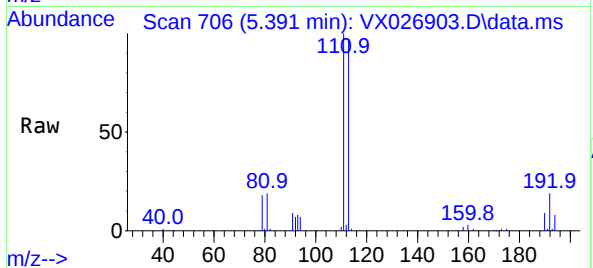
88 16.1 0.0 33.0





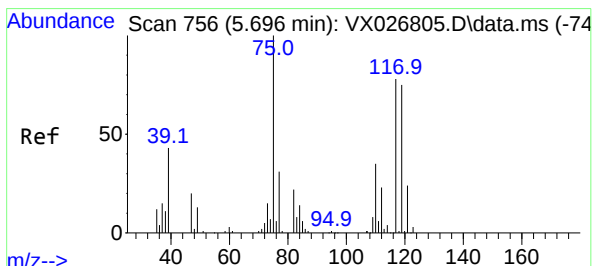
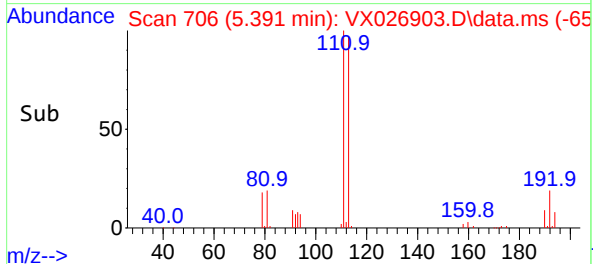
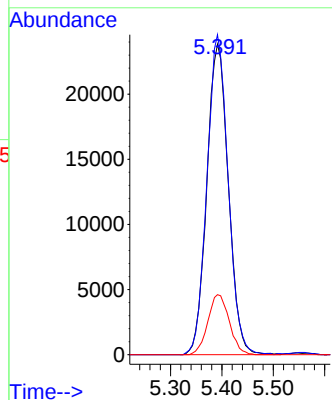
#35
 Dibromofluoromethane
 Concen: 53.276 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX026903.D
 Acq: 10 Feb 2022 05:38

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 113 Resp: 69433

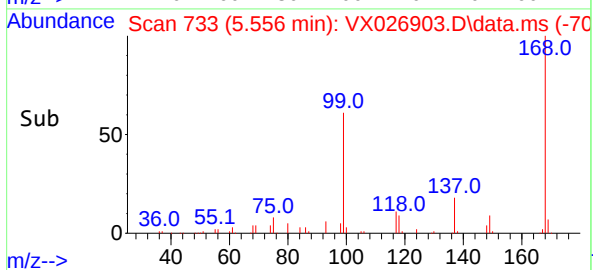
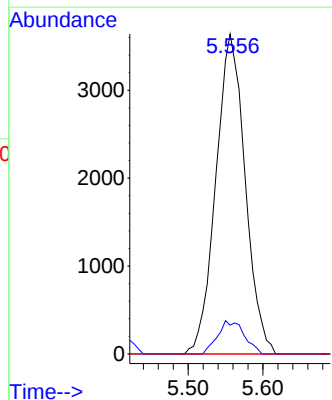
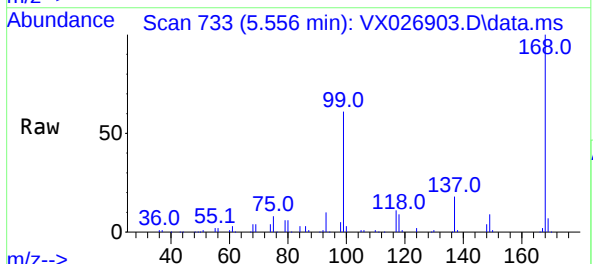
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	19.2	15.0	22.4

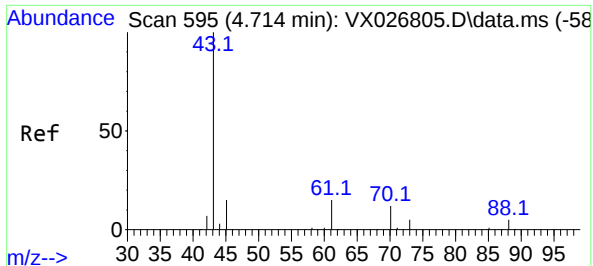


#36
 1,1-Dichloropropene
 Concen: 4.826 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX026903.D
 Acq: 10 Feb 2022 05:38

Tgt Ion: 75 Resp: 9922

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.2	51.6#
77	0.0	24.6	36.8#





#37

Ethyl Acetate

Concen: 0.450 ug/l

RT: 4.581 min Scan# 51

Delta R.T. -0.134 min

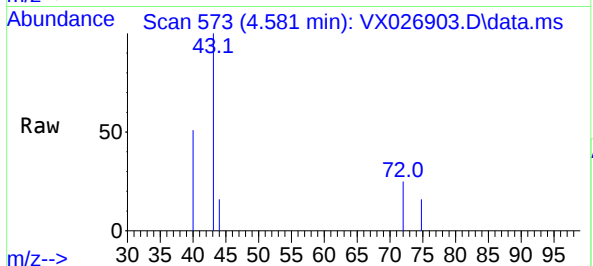
Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

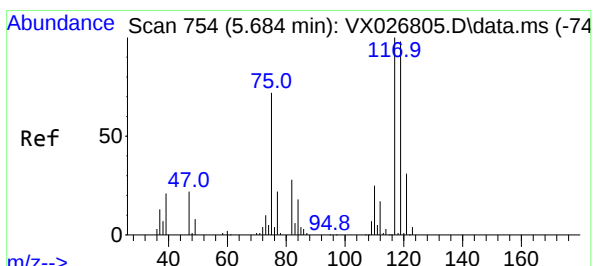
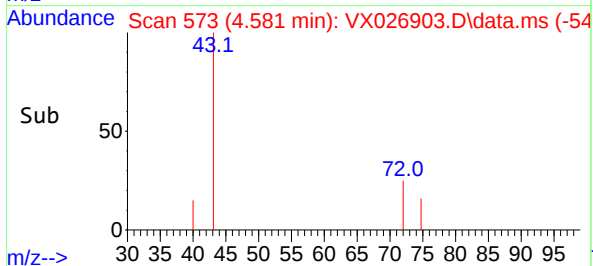
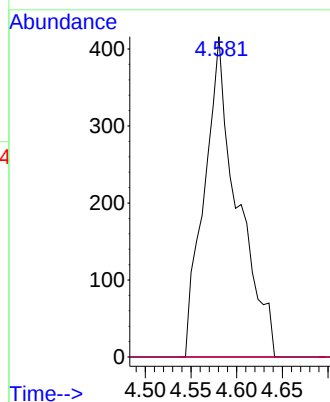
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	1051
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 6.153 ug/l

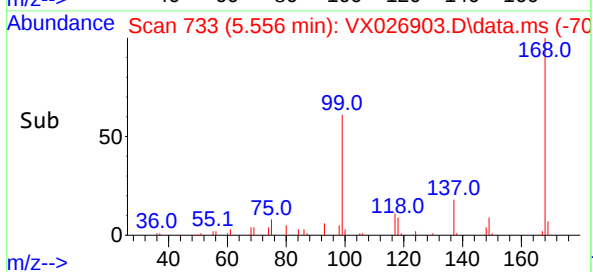
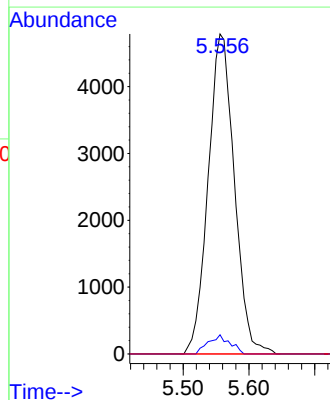
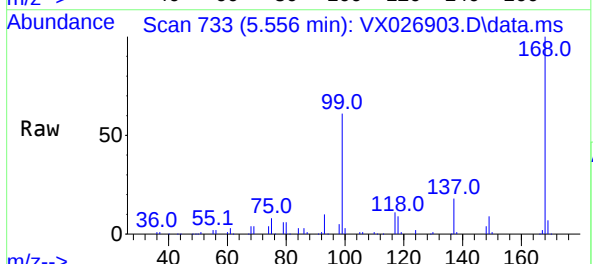
RT: 5.556 min Scan# 733

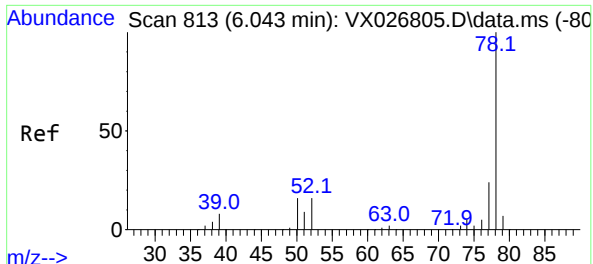
Delta R.T. -0.128 min

Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

Tgt Ion:	117	Resp:	13266
Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.7	112.1#
121	0.0	25.4	38.0#

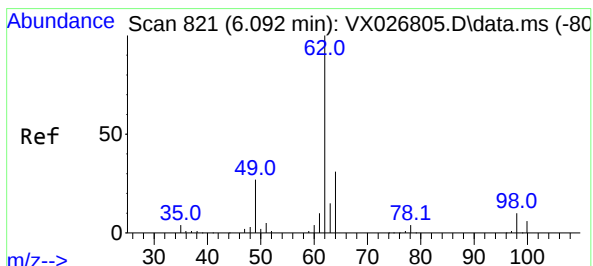
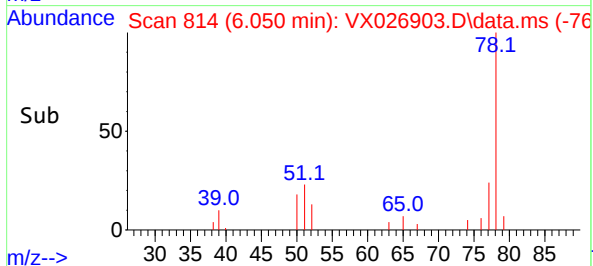
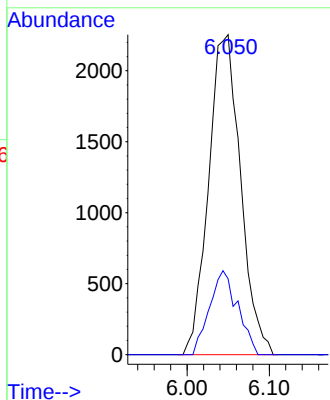
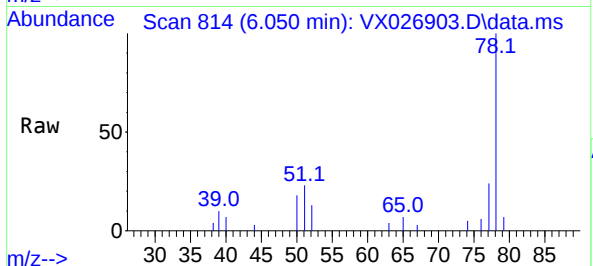




#40
Benzene
Concen: 1.017 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

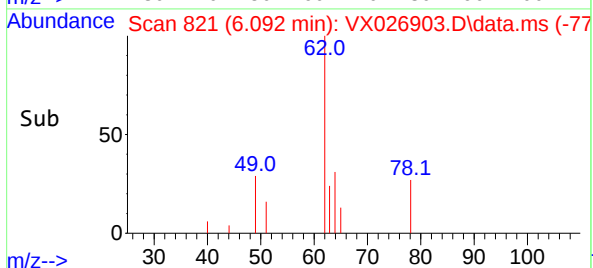
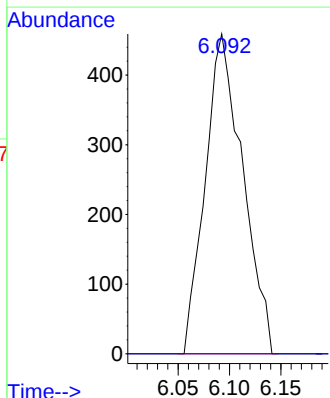
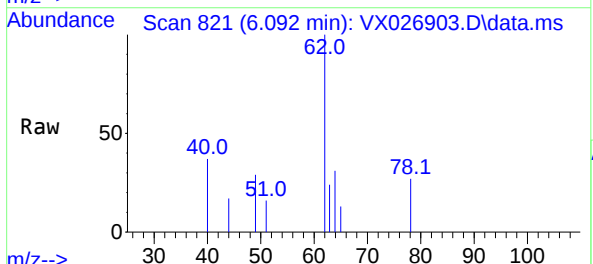
Instrument :
MSVOA_X
ClientSampleId :

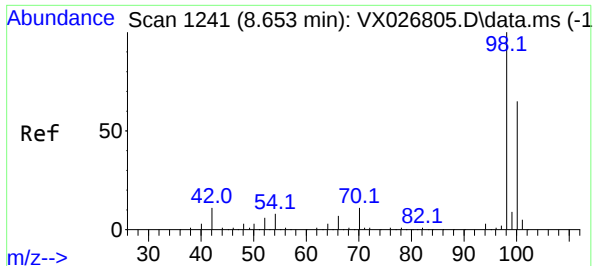
Tgt Ion: 78 Resp: 6094
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3



#42
1,2-Dichloroethane
Concen: 0.551 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

Tgt Ion: 62 Resp: 1163
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8





#50

Toluene-d8

Concen: 53.698 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

Instrument :

MSVOA_X

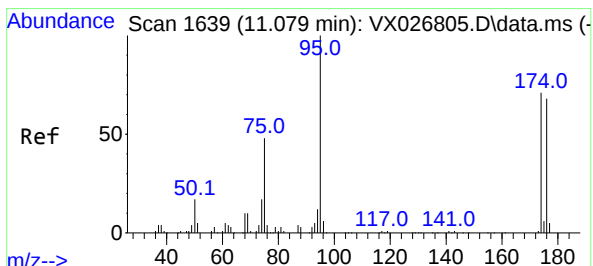
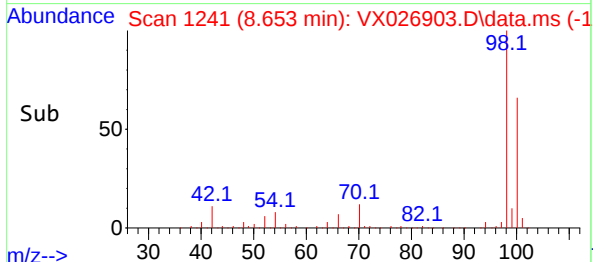
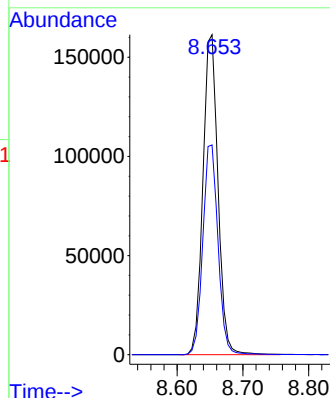
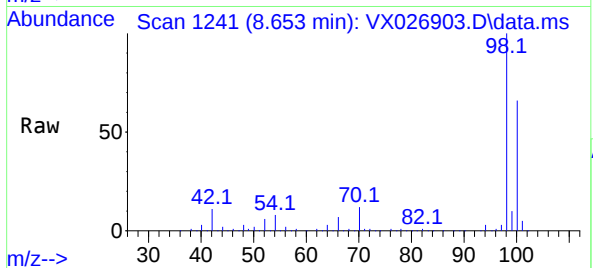
ClientSampleId :

Tgt Ion: 98 Resp: 256888

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 55.954 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

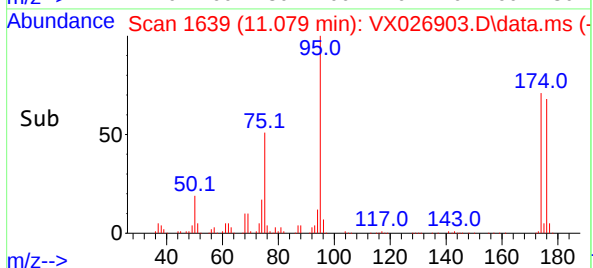
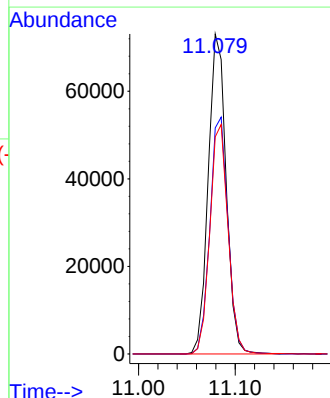
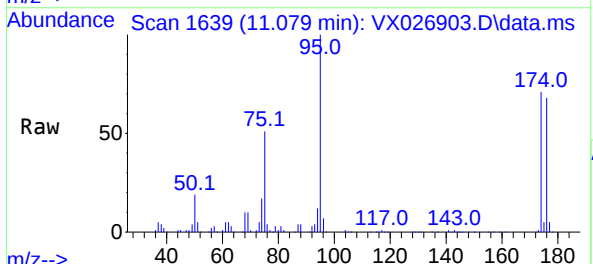
Tgt Ion: 95 Resp: 94241

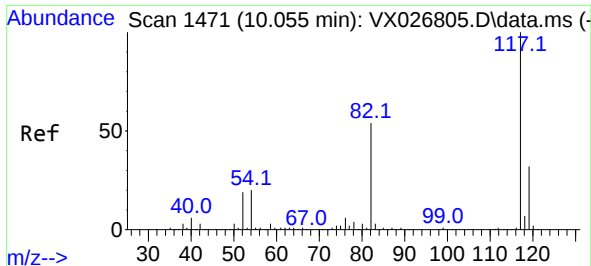
Ion Ratio Lower Upper

95 100

174 75.1 0.0 148.6

176 72.8 0.0 141.4

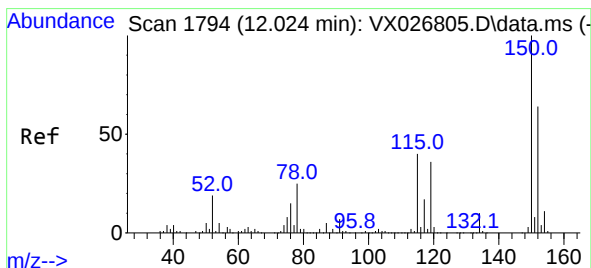
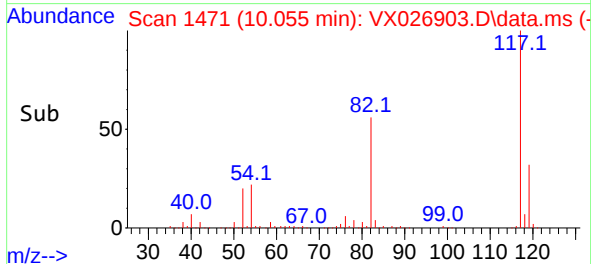
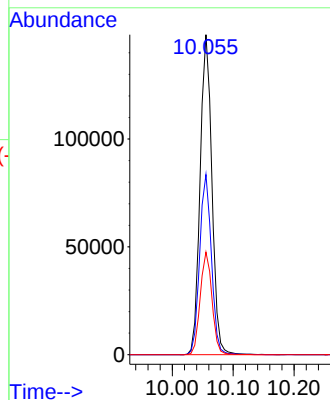
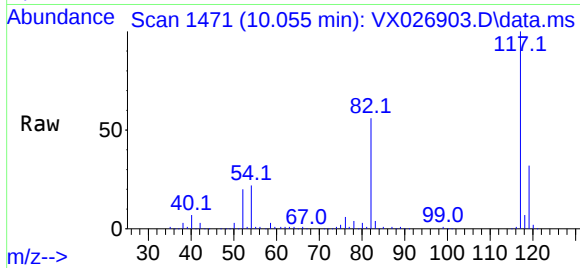




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

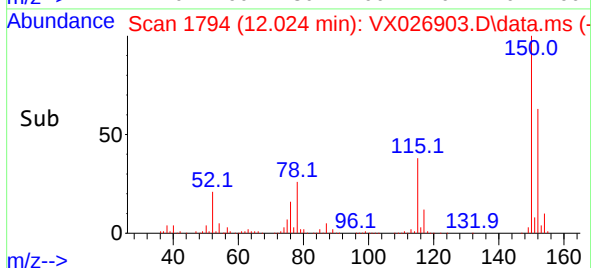
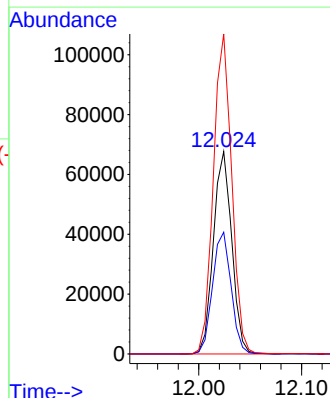
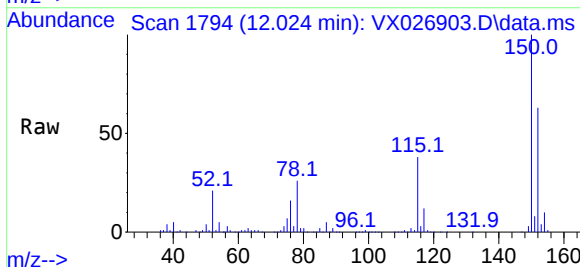
Instrument :
MSVOA_X
ClientSampleId :

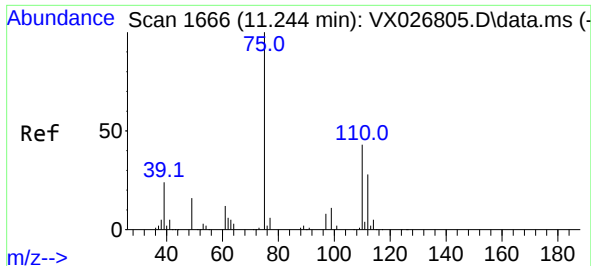
Tgt Ion:117 Resp: 199462
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

Tgt Ion:152 Resp: 83904
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 158.2 0.0 348.2

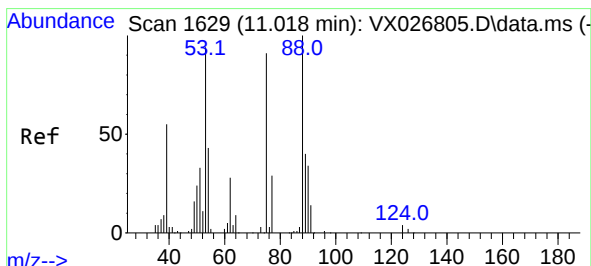
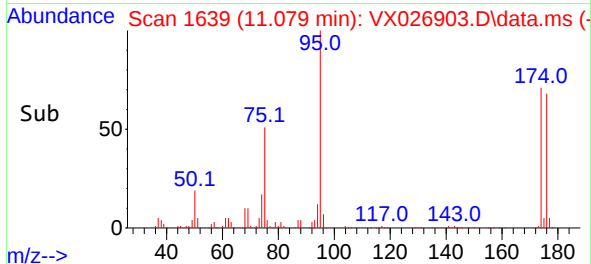
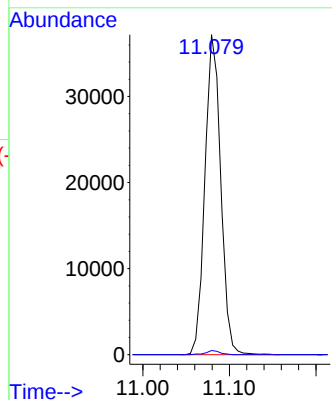
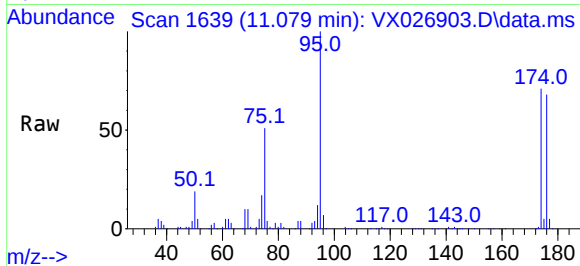




#76
1,2,3-Trichloropropane
Concen: 25.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47115
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026903.D
Acq: 10 Feb 2022 05:38

Tgt Ion: 75 Resp: 47115
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

