

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026901.D
 Acq On : 10 Feb 2022 04:52
 Operator : JC/MD
 Sample : N1447-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 07:30:03 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)

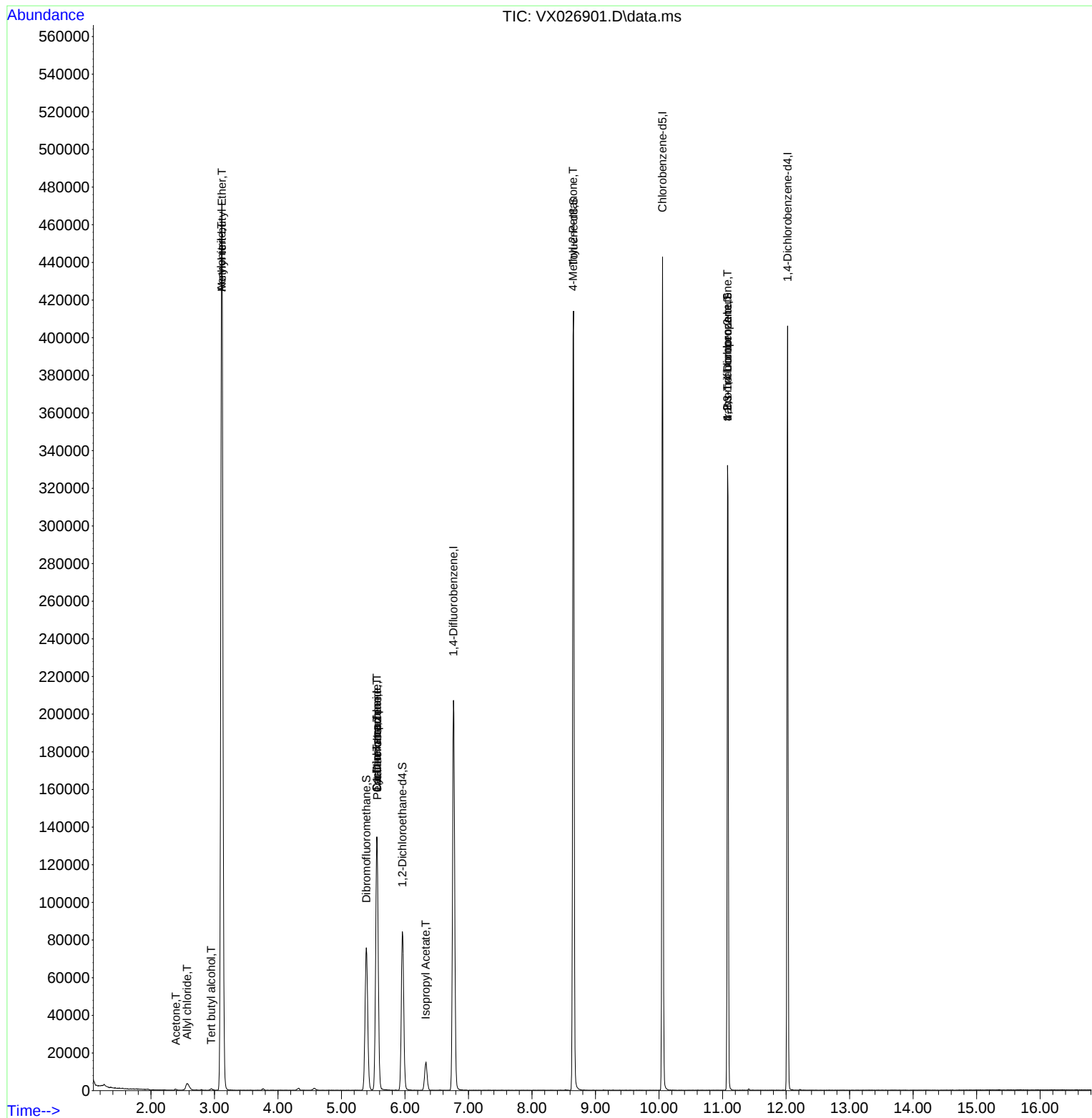
Internal Standards						
1) Pentafluorobenzene	5.562	168	126308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83369	54.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.980%	
35) Dibromofluoromethane	5.391	113	67476	52.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.820%	
50) Toluene-d8	8.653	98	251798	53.277	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	11.079	95	92280	55.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	811	2.961	ug/l #	75
14) Allyl chloride	2.569	41	776	0.339	ug/l #	58
15) Acrylonitrile	3.111	53	5440	6.931	ug/l #	29
16) Acetone	2.392	43	717	1.077	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	523376	114.387	ug/l	100
31) Cyclohexane	5.556	56	2622	1.088	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	9896	4.872	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13121	6.160	ug/l #	17
43) Isopropyl Acetate	6.324	43	5239	1.475	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1072	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45904	26.193	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45904	79.732	ug/l #	3

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

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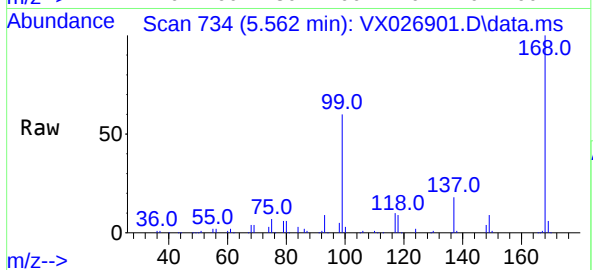
Quant Time: Feb 10 07:30:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



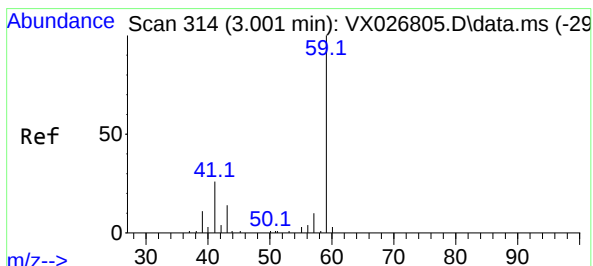
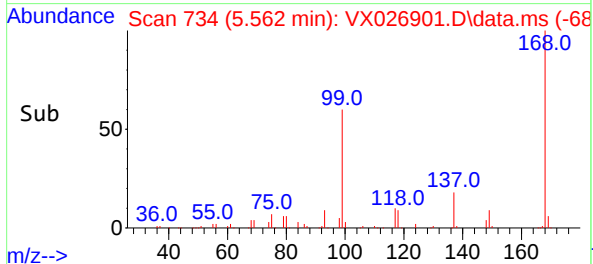
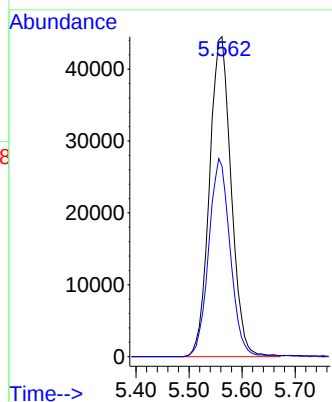


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Instrument :
MSVOA_X
ClientSampleId :

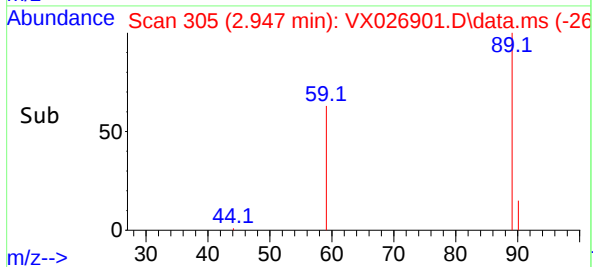
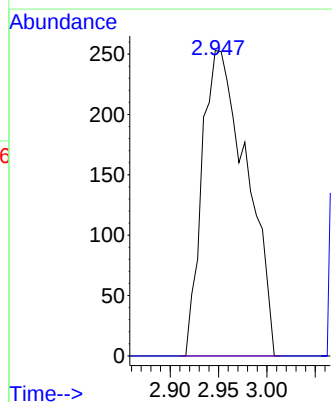
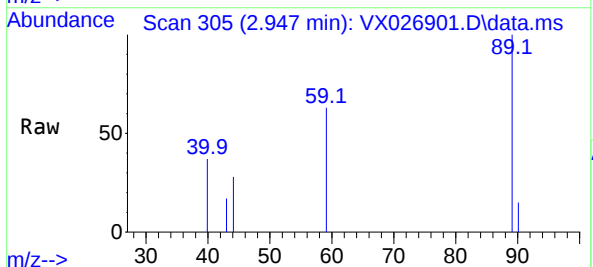


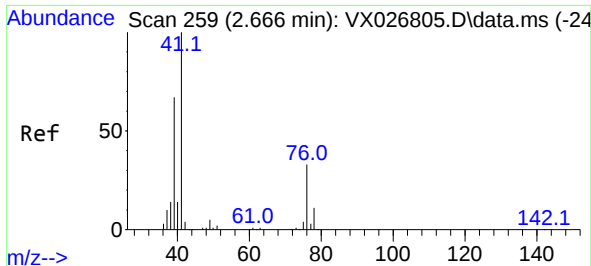
Tgt Ion:168 Resp: 126308
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#11
Tert butyl alcohol
Concen: 2.961 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Tgt Ion: 59 Resp: 811
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#14

Allyl chloride

Concen: 0.339 ug/l

RT: 2.569 min Scan# 243

Delta R.T. -0.097 min

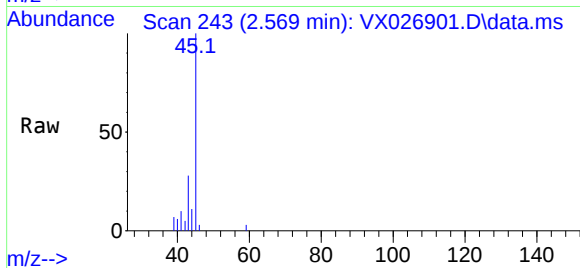
Lab File: VX026901.D

Acq: 10 Feb 2022 04:52

Instrument :

MSVOA_X

ClientSampleId :



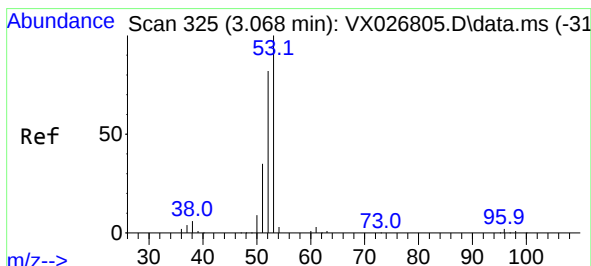
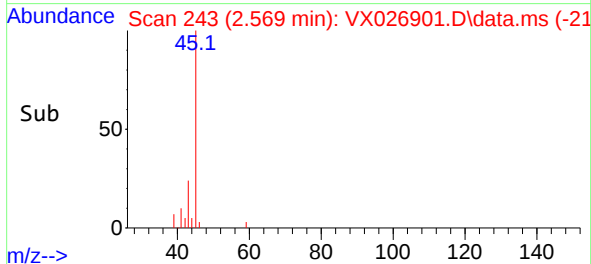
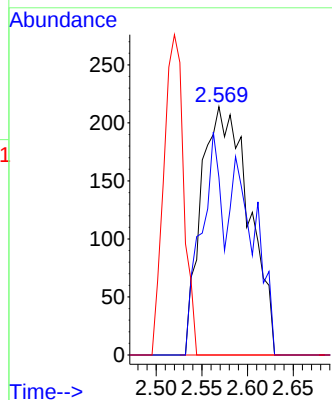
Tgt Ion: 41 Resp: 776

Ion Ratio Lower Upper

41 100

39 39.4 54.2 81.4#

76 0.0 25.2 37.8#



#15

Acrylonitrile

Concen: 6.931 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

Lab File: VX026901.D

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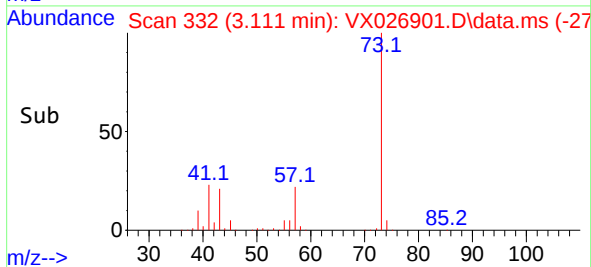
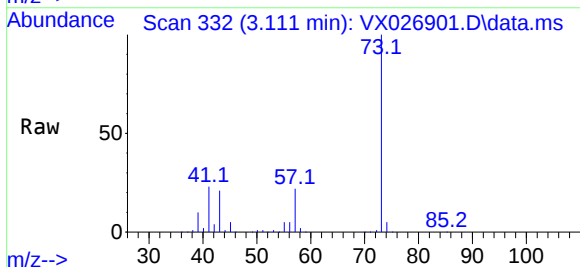
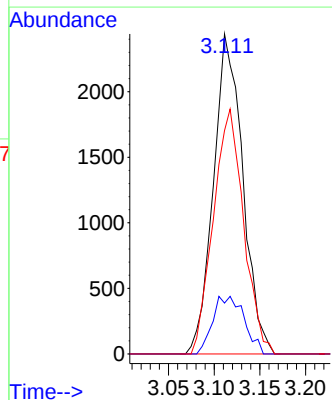
Tgt Ion: 53 Resp: 5440

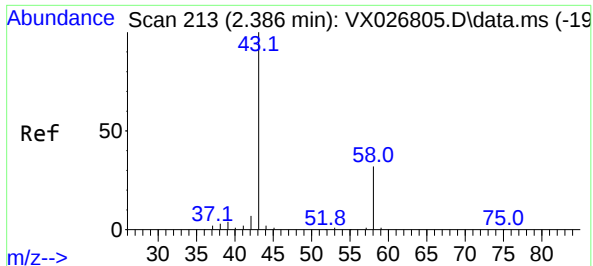
Ion Ratio Lower Upper

53 100

52 19.3 66.6 100.0#

51 79.1 29.5 44.3#

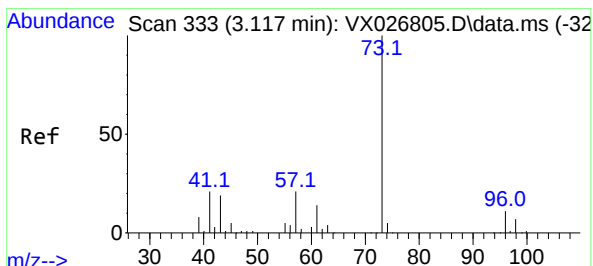
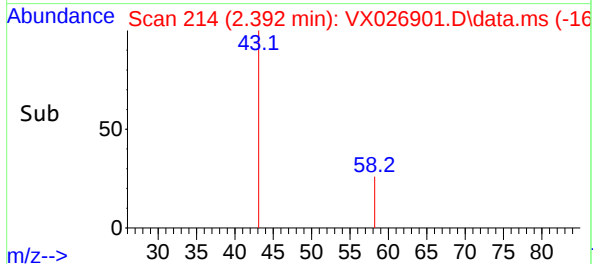
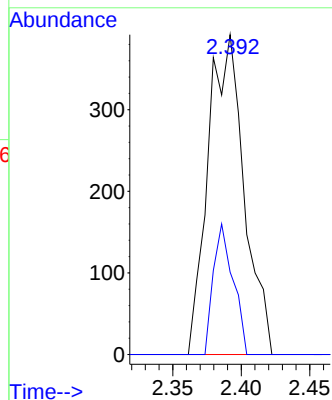
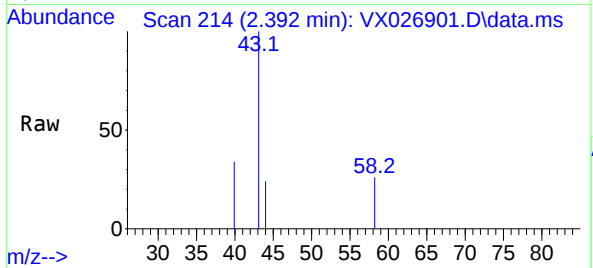




#16
Acetone
Concen: 1.077 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

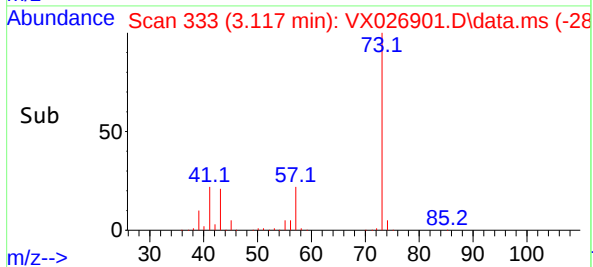
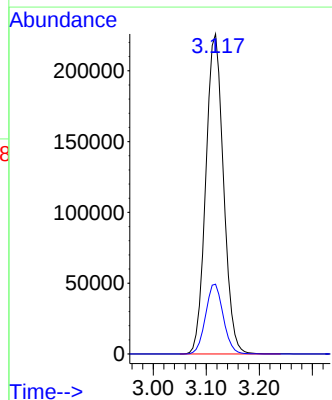
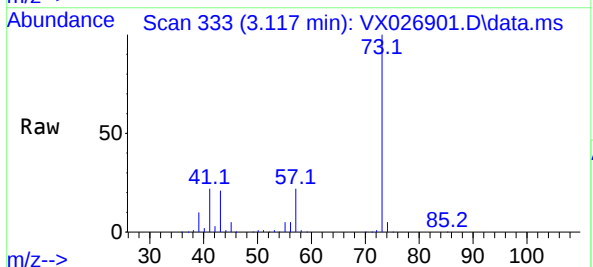
Instrument :
MSVOA_X
ClientSampleId :

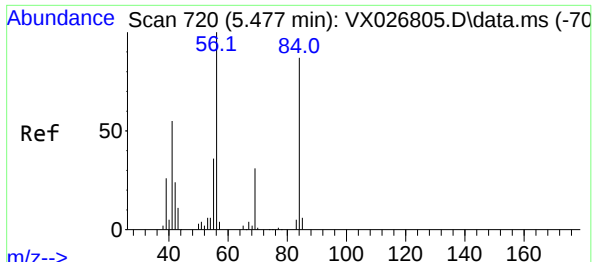
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 25.8 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 114.387 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

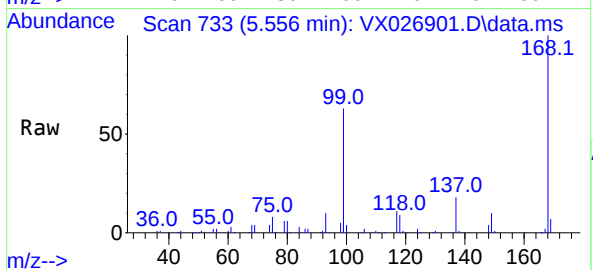
Tgt Ion: 73 Resp: 523376
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



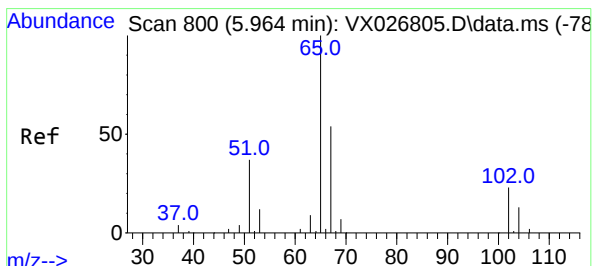
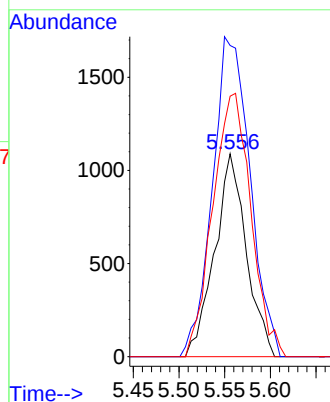
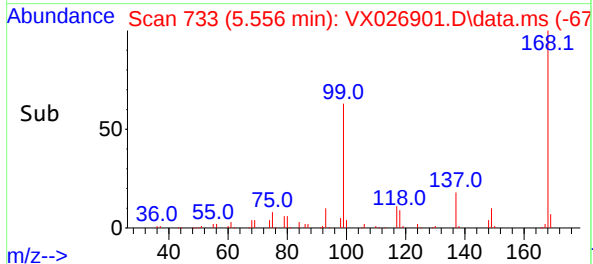


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Instrument :
MSVOA_X
ClientSampleId :

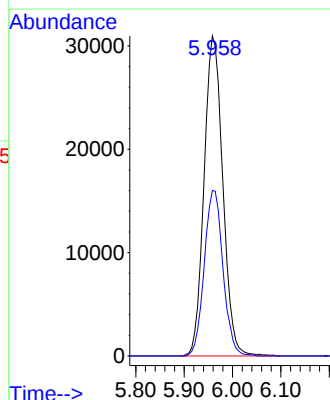
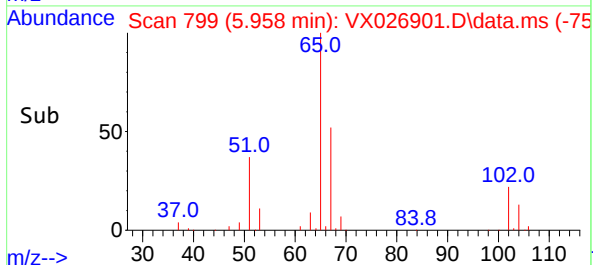
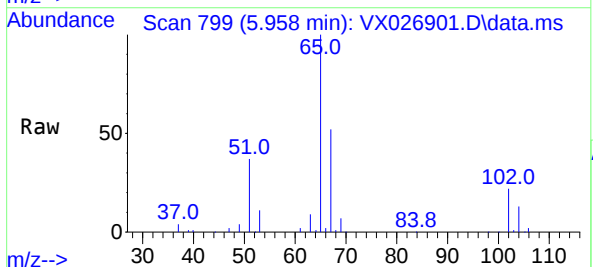


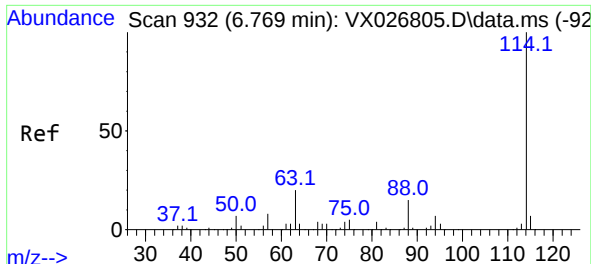
Tgt Ion: 56 Resp: 2622
Ion Ratio Lower Upper
56 100
69 153.4 25.8 38.6#
84 128.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.985 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

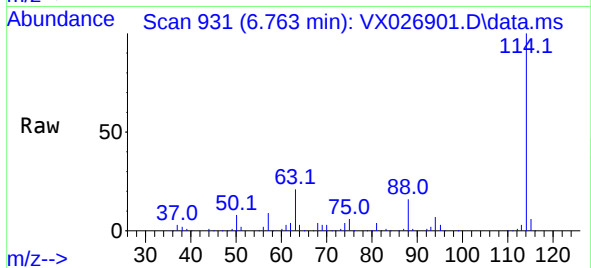
Tgt Ion: 65 Resp: 83369
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8



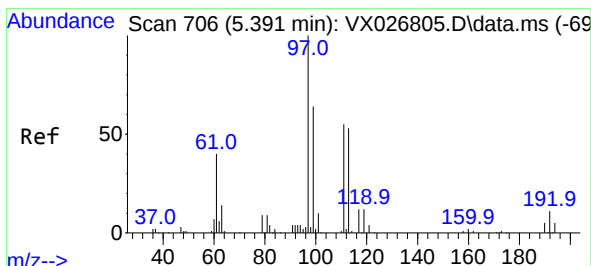
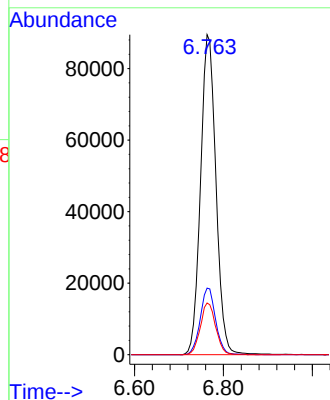
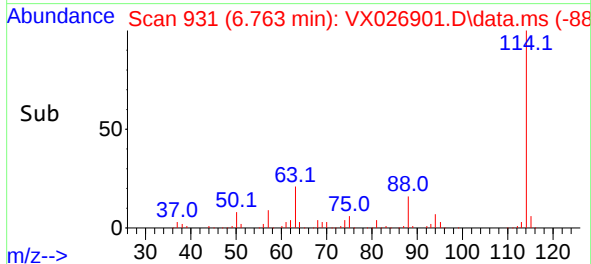


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

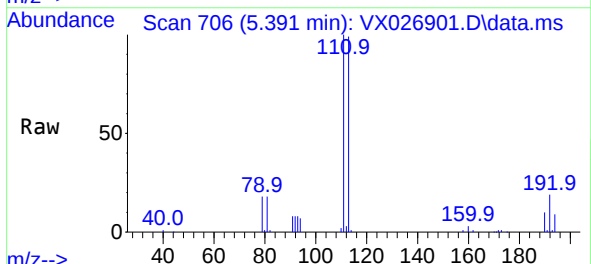
Instrument :
MSVOA_X
ClientSampleId :



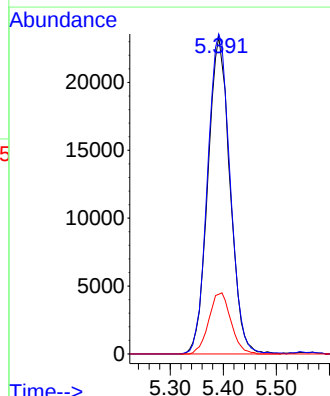
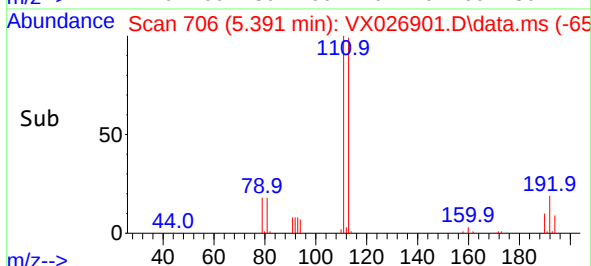
Tgt Ion:114 Resp: 216110
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.8
88 16.2 0.0 33.0

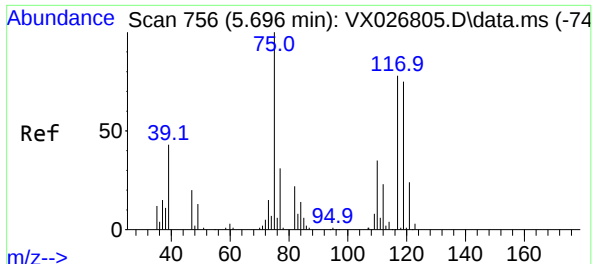


#35
Dibromofluoromethane
Concen: 52.407 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52



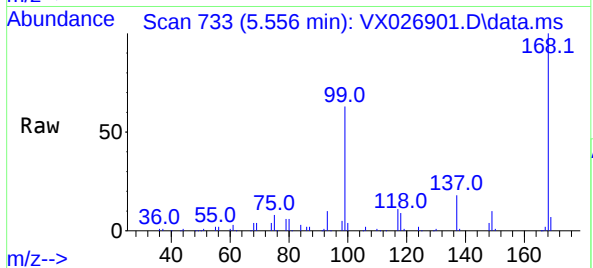
Tgt Ion:113 Resp: 67476
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.3 15.0 22.4



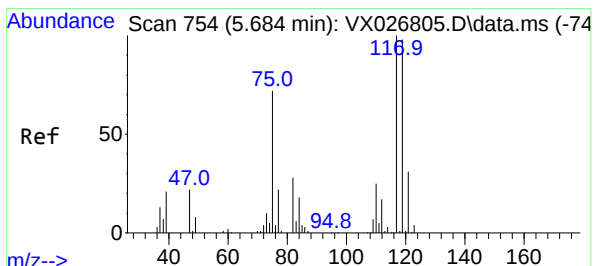
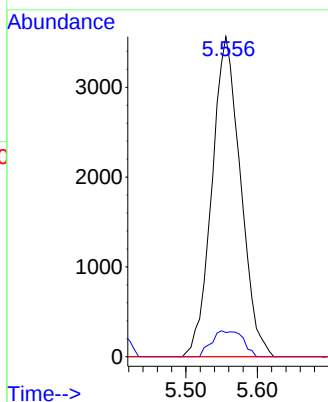
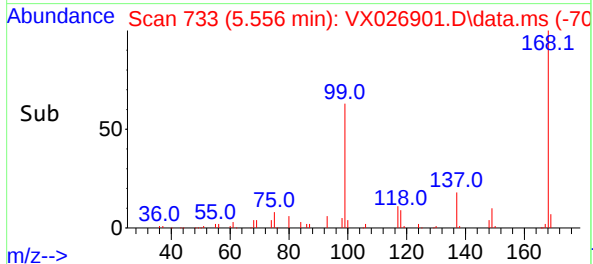


#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

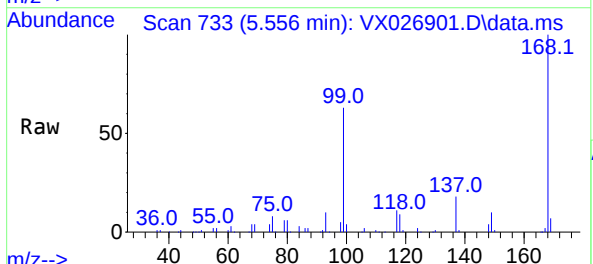
Instrument :
MSVOA_X
ClientSampleId :



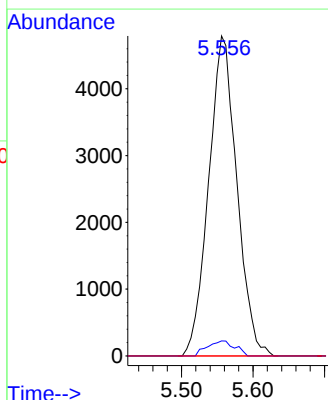
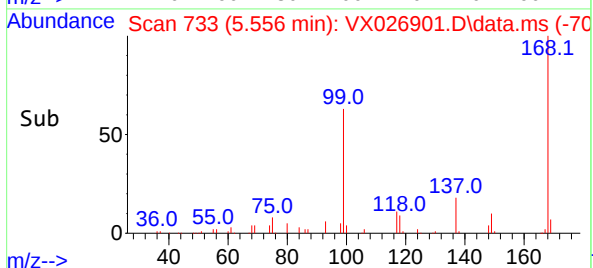
Tgt Ion: 75 Resp: 9896
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#

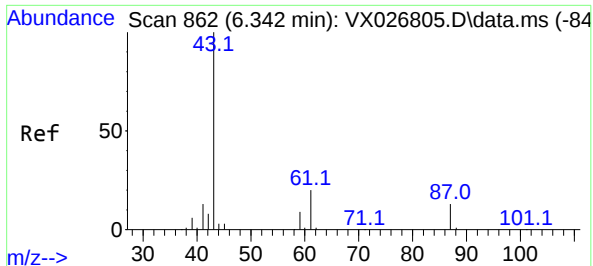


#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52



Tgt Ion: 117 Resp: 13121
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#

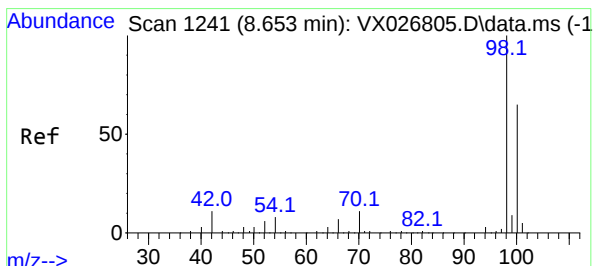
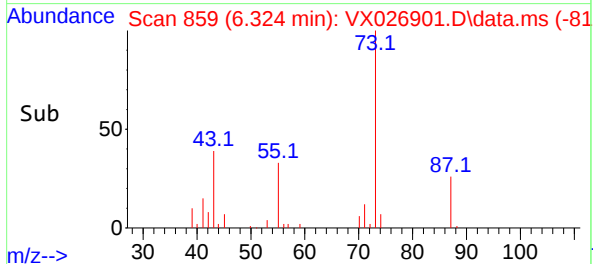
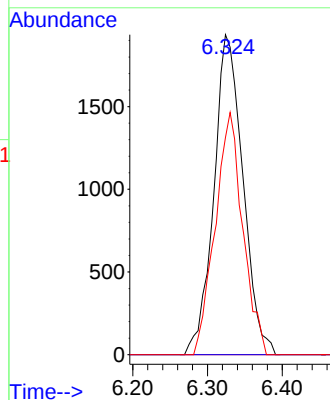
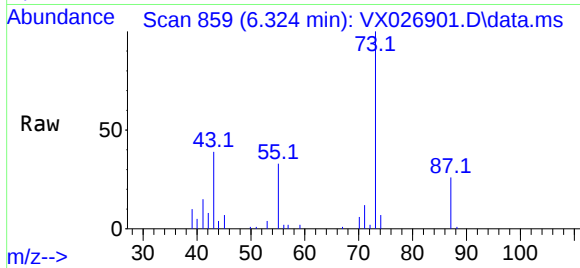




#43
Isopropyl Acetate
Concen: 1.475 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

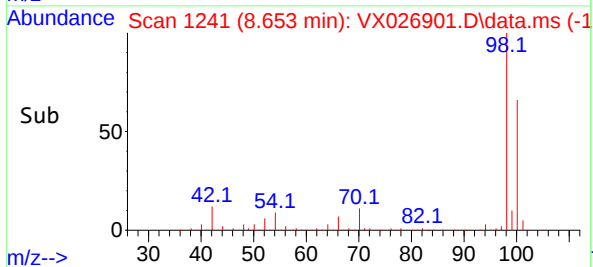
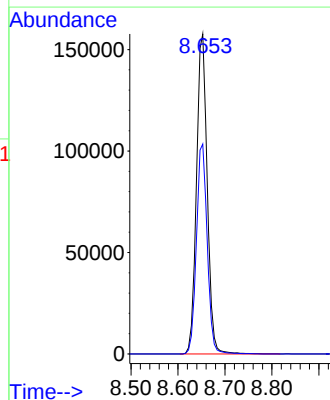
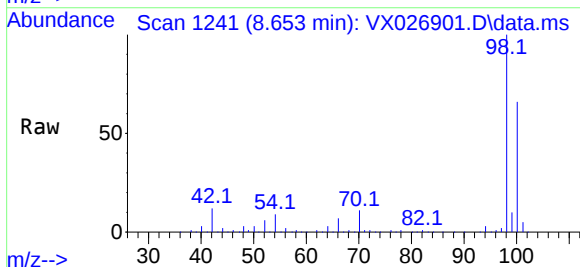
Instrument :
MSVOA_X
ClientSampleId :

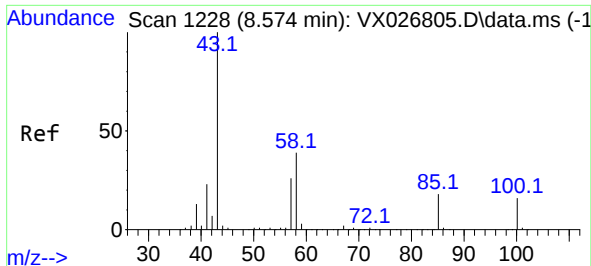
Tgt Ion: 43 Resp: 5239
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 71.5 10.2 15.2#



#50
Toluene-d8
Concen: 53.277 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Tgt Ion: 98 Resp: 251798
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.498 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026901.D

Acq: 10 Feb 2022 04:52

Instrument :

MSVOA_X

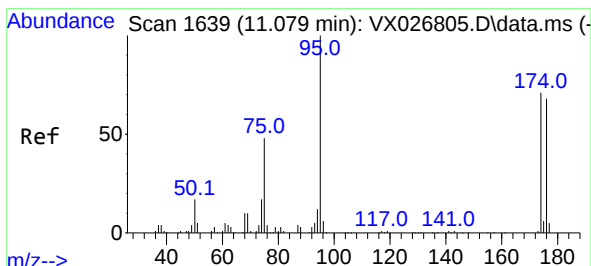
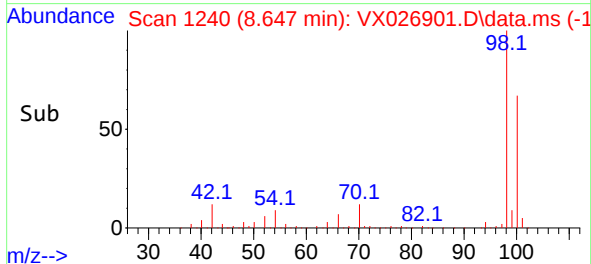
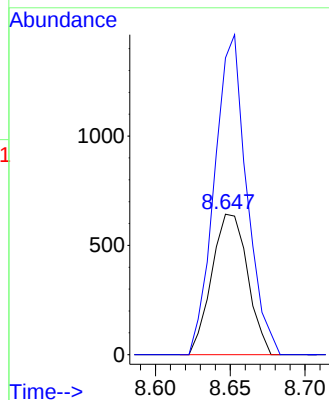
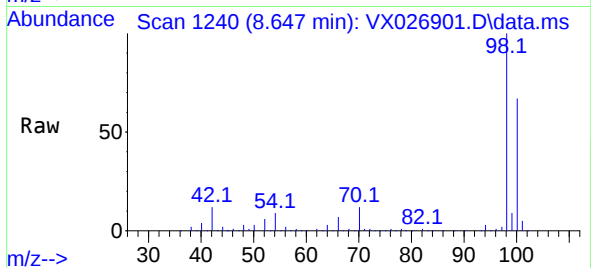
ClientSampleId :

Tgt Ion: 43 Resp: 1072

Ion Ratio Lower Upper

43 100

58 204.8 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 55.459 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026901.D

Acq: 10 Feb 2022 04:52

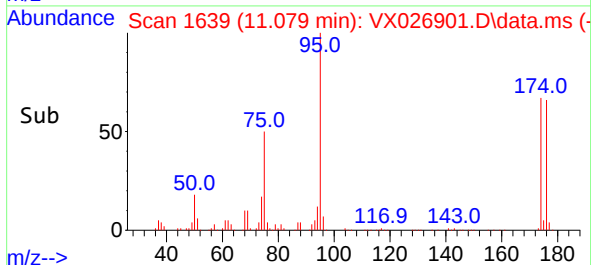
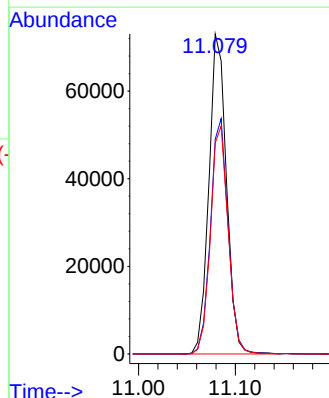
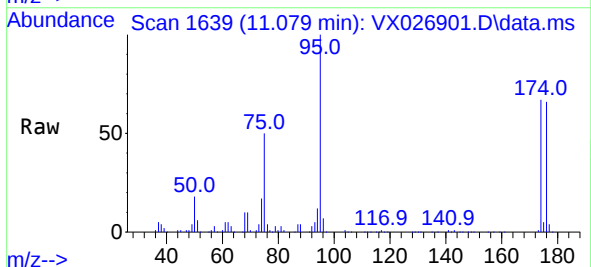
Tgt Ion: 95 Resp: 92280

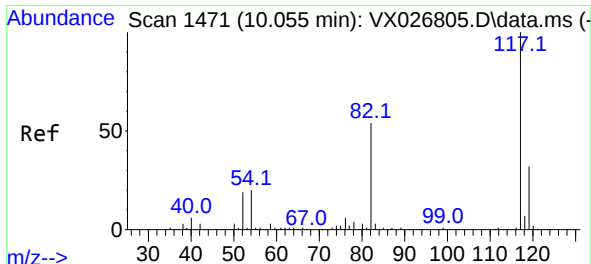
Ion Ratio Lower Upper

95 100

174 73.6 0.0 148.6

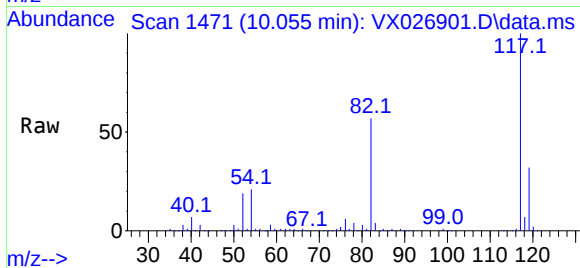
176 71.6 0.0 141.4



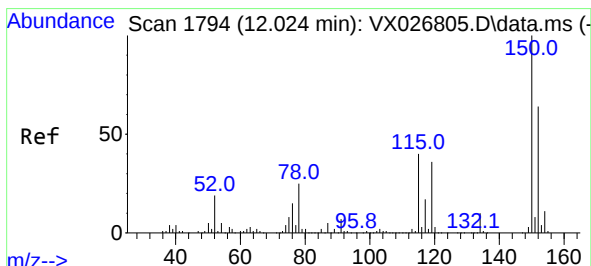
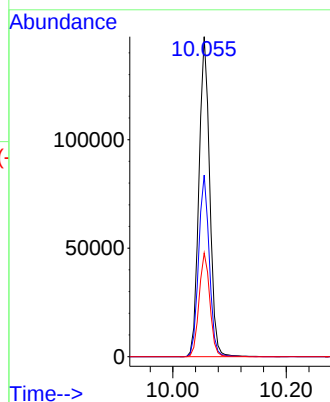
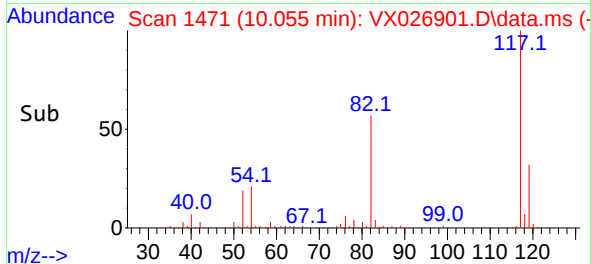


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Instrument :
MSVOA_X
ClientSampleId :

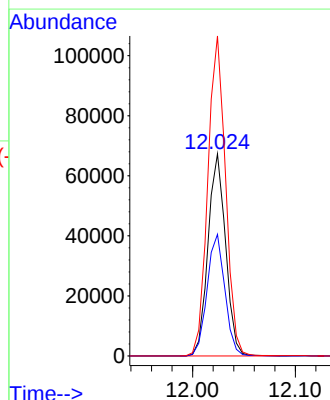
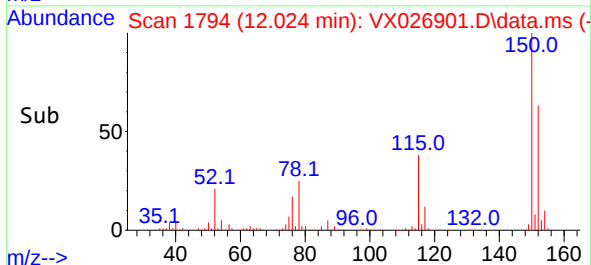
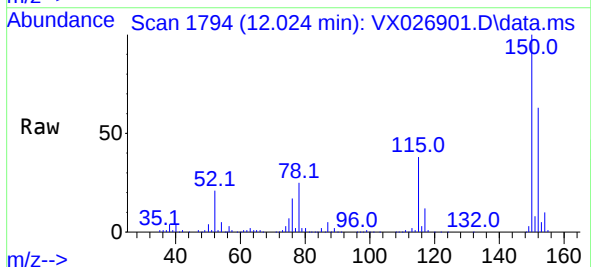


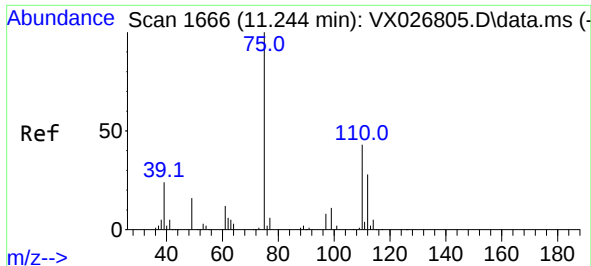
Tgt Ion:117 Resp: 193626
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Tgt Ion:152 Resp: 80060
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 159.8 0.0 348.2

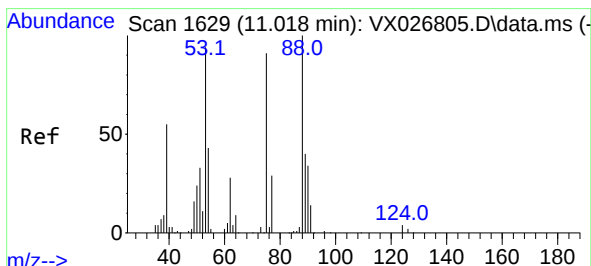
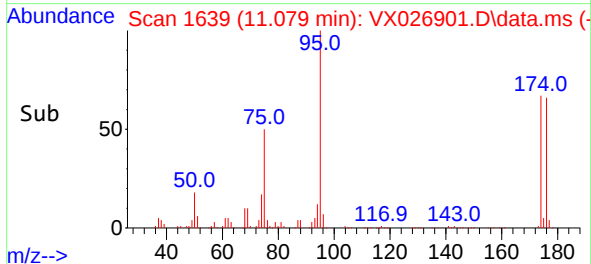
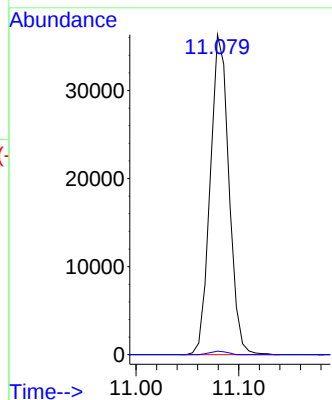
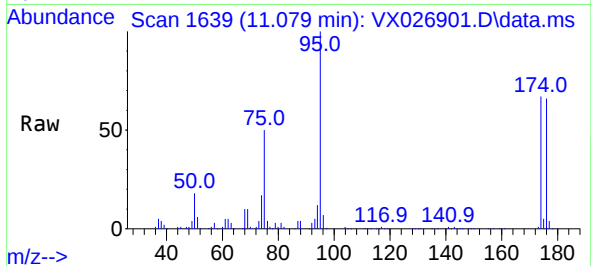




#76
1,2,3-Trichloropropane
Concen: 26.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45904
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026901.D
Acq: 10 Feb 2022 04:52

Tgt Ion: 75 Resp: 45904
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

