

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026880.D
 Acq On : 09 Feb 2022 19:39
 Operator : JC/MD
 Sample : N1446-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:10:02 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)

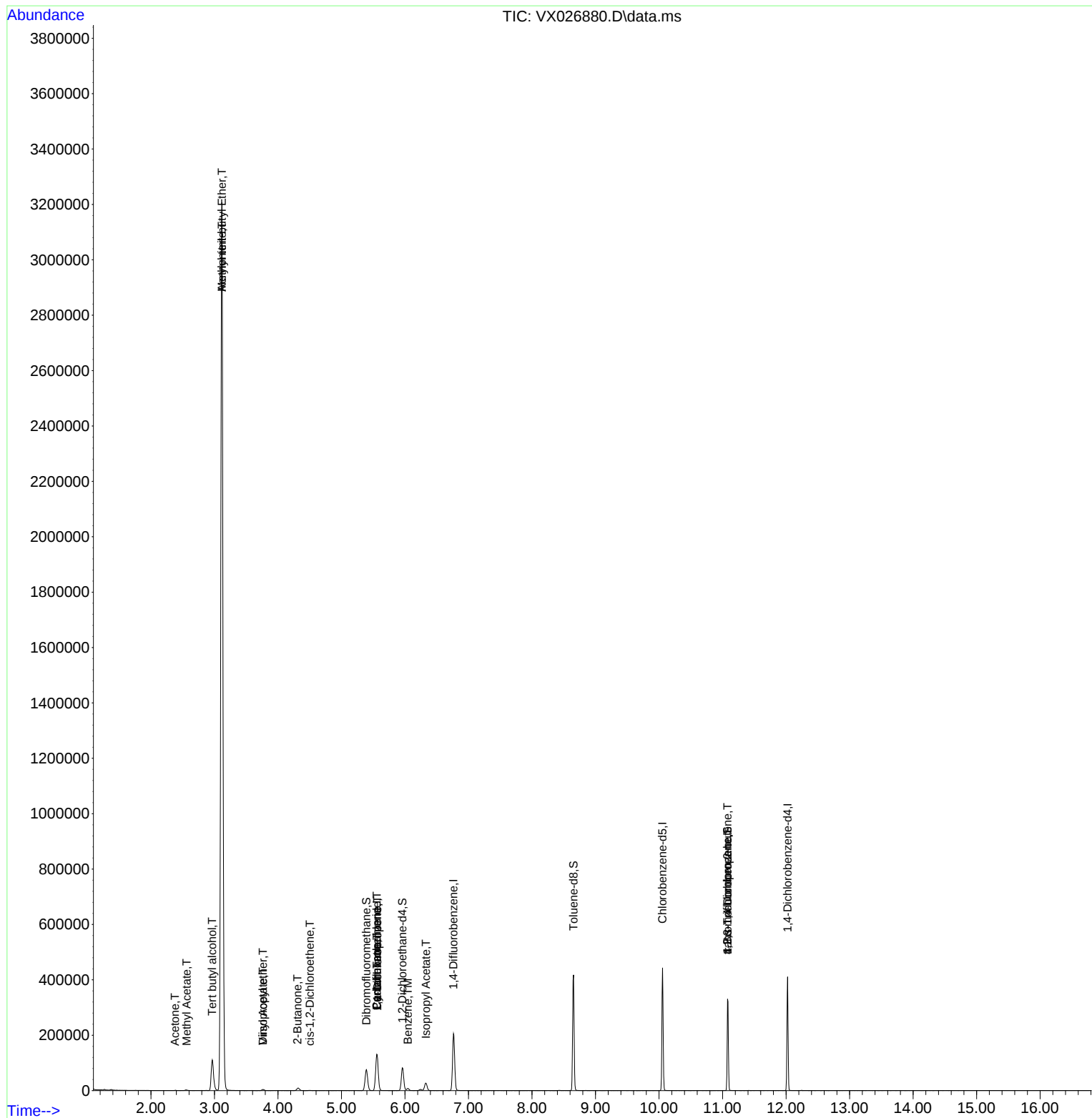
Internal Standards						
1) Pentafluorobenzene	5.556	168	125640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80436	53.333	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.391	113	66200	52.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	8.653	98	250231	54.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.080%			
62) 4-Bromofluorobenzene	11.079	95	92240	56.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	153915	564.912	ug/l #	75
15) Acrylonitrile	3.117	53	37899	48.541	ug/l #	30
16) Acetone	2.380	43	1606	2.425	ug/l #	88
18) Methyl Acetate	2.562	43	1089	0.571	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	3611337	793.478	ug/l	98
22) Diisopropyl ether	3.763	45	4404	0.960	ug/l #	81
23) Vinyl Acetate	3.763	43	2279	0.591	ug/l #	73
25) 2-Butanone	4.306	43	1329	1.245	ug/l #	50
27) cis-1,2-Dichloroethene	4.501	96	457	0.294	ug/l	89
31) Cyclohexane	5.556	56	2561	1.069	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9451	4.749	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13099	6.277	ug/l #	16
40) Benzene	6.044	78	8865	1.528	ug/l	97
43) Isopropyl Acetate	6.330	43	9830	2.825	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	46487	25.513	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46487	77.751	ug/l #	3

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

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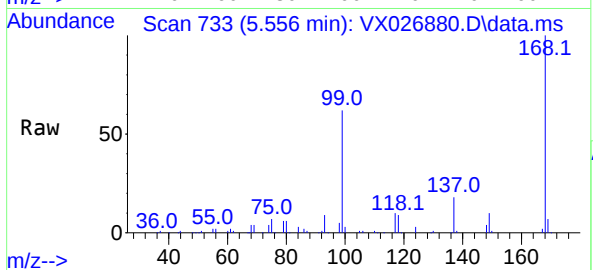
Quant Time: Feb 10 01:10:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



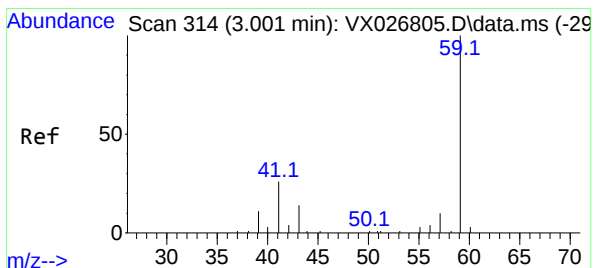
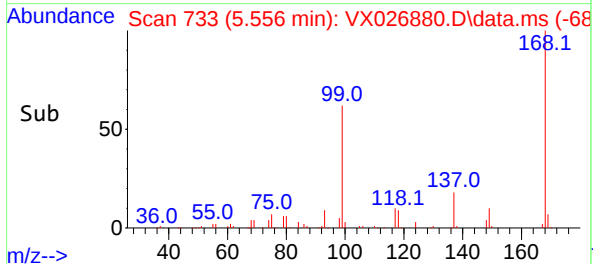
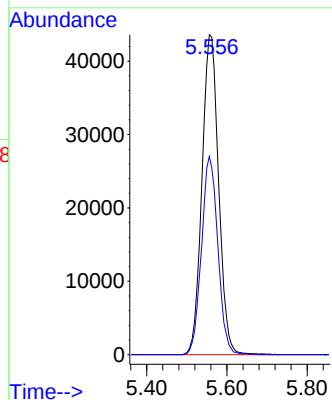


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

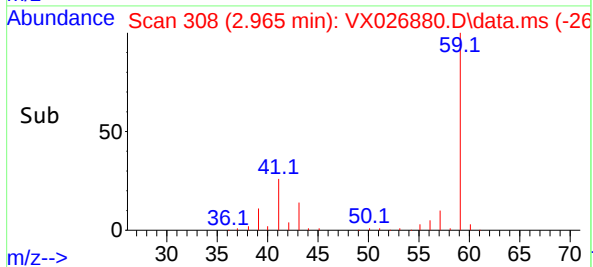
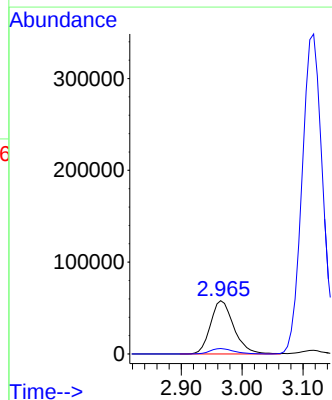
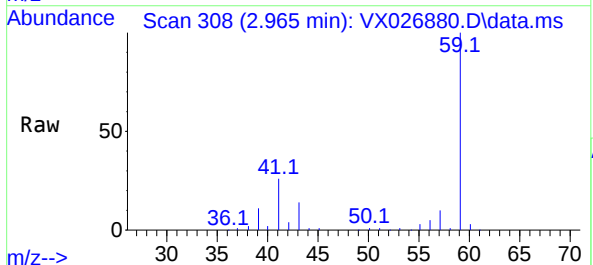


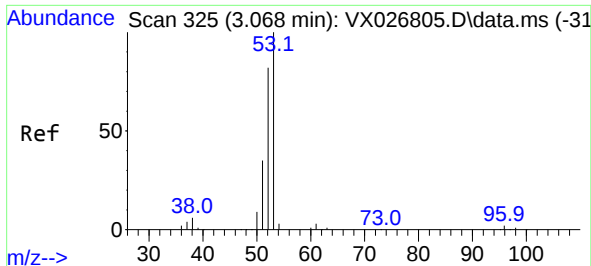
Tgt Ion:168 Resp: 125640
Ion Ratio Lower Upper
168 100
99 62.0 50.3 75.5



#11
Tert butyl alcohol
Concen: 564.912 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.036 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

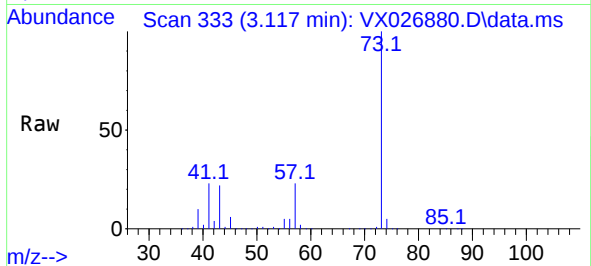
Tgt Ion: 59 Resp: 153915
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



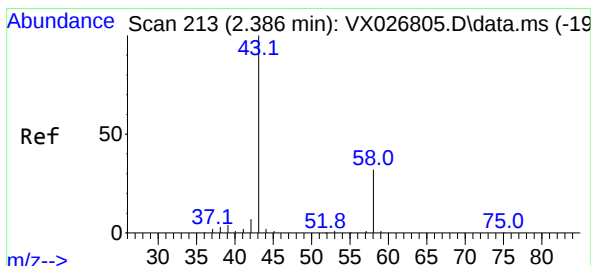
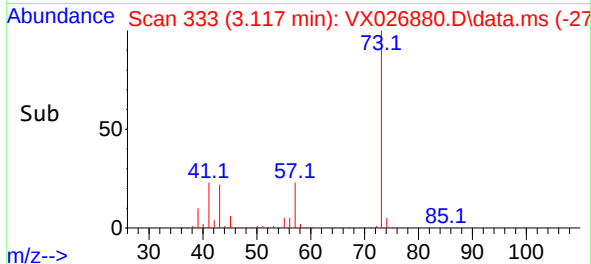
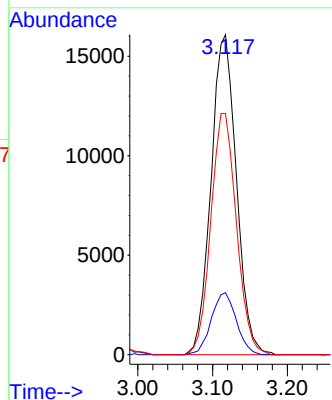


#15
Acrylonitrile
Concen: 48.541 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

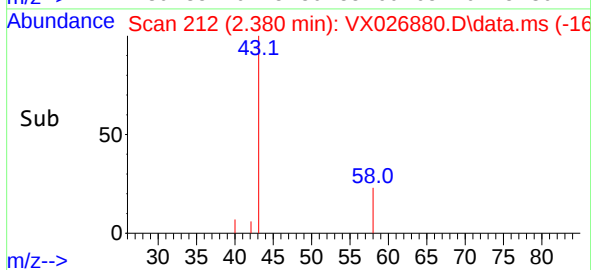
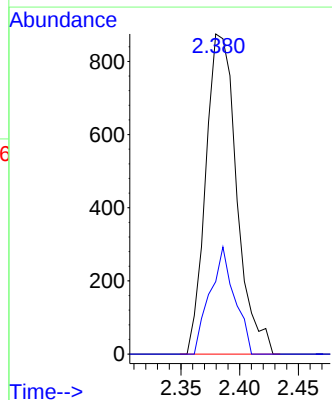
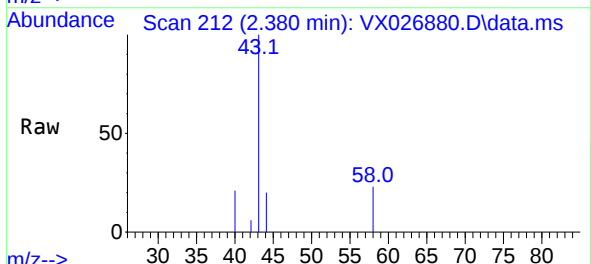


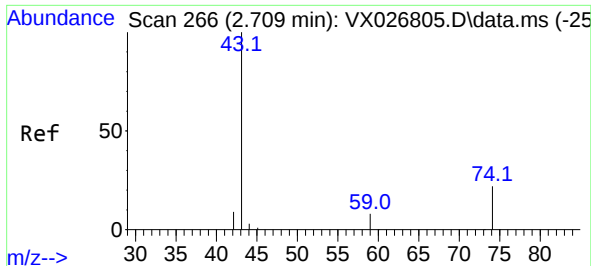
Tgt Ion: 53 Resp: 37899
Ion Ratio Lower Upper
53 100
52 19.1 66.6 100.0#
51 76.1 29.5 44.3#



#16
Acetone
Concen: 2.425 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
58 22.6 23.0 34.6#

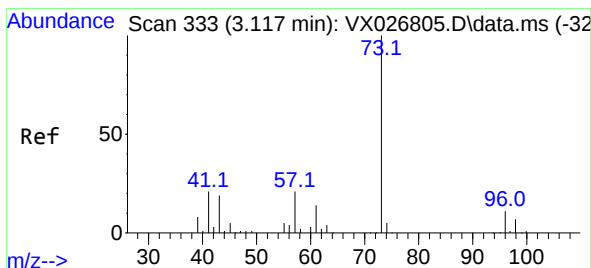
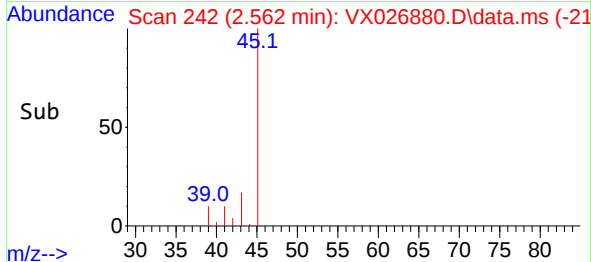
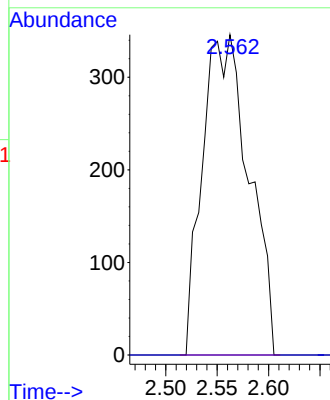
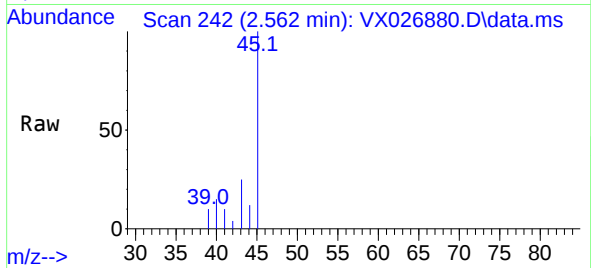




#18
Methyl Acetate
Concen: 0.571 ug/l
RT: 2.562 min Scan# 24
Delta R.T. -0.146 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

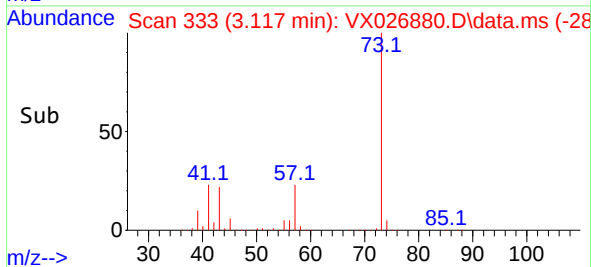
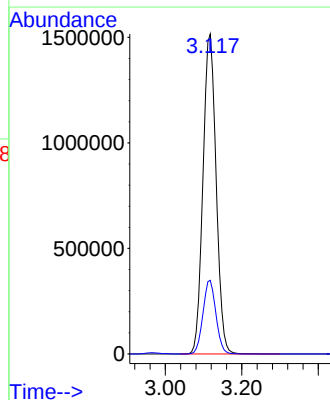
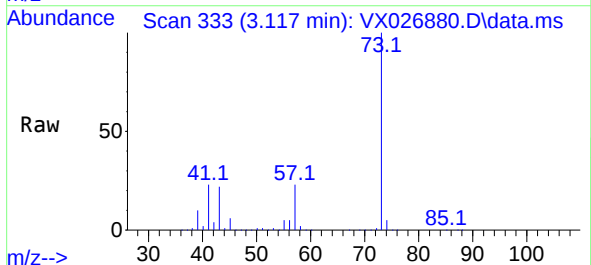
Instrument :
MSVOA_X
ClientSampleId :

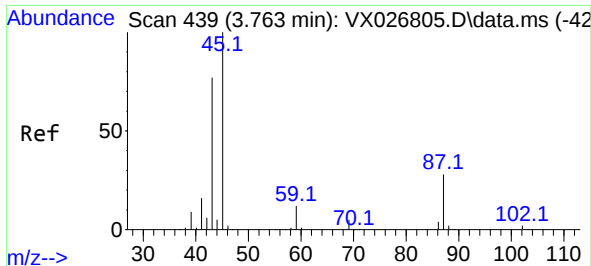
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
Methyl tert-butyl Ether
Concen: 793.478 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

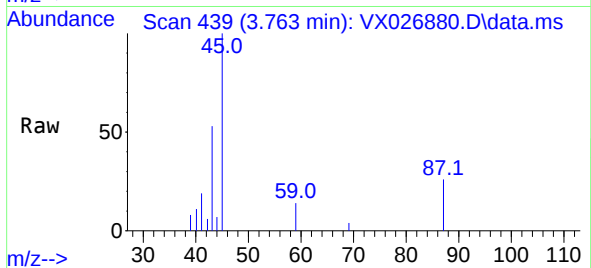
Tgt Ion: 73 Resp: 3611337
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2





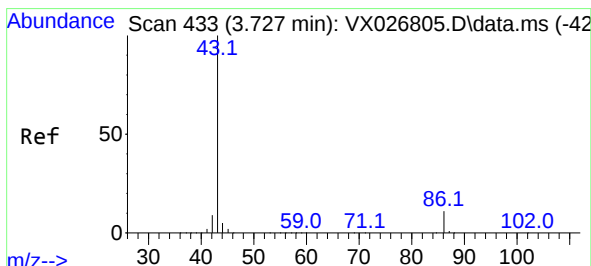
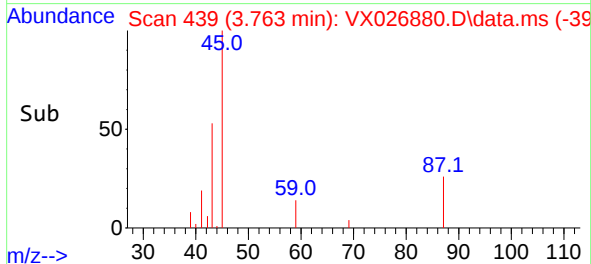
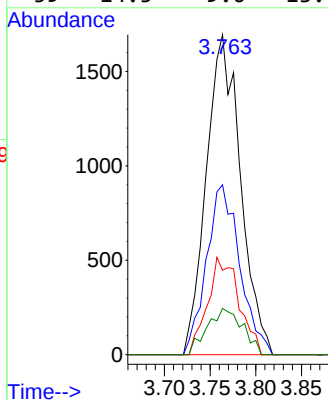
#22
Diisopropyl ether
Concen: 0.960 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 45 Resp: 4404

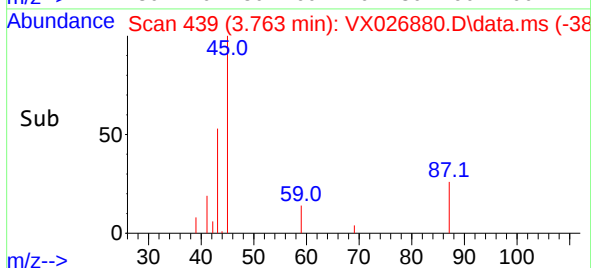
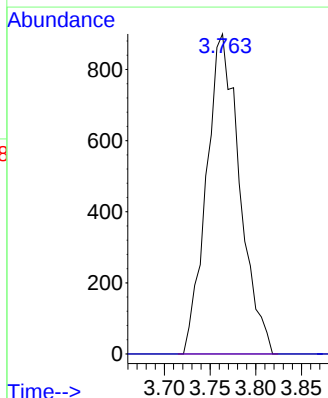
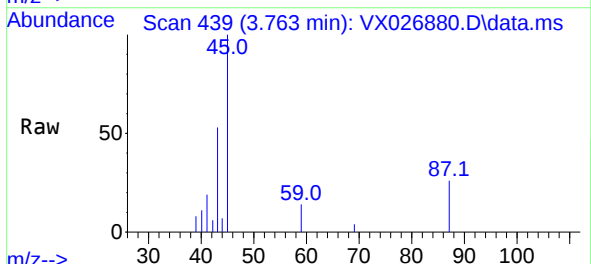
Ion	Ratio	Lower	Upper
45	100		
43	53.1	60.6	91.0#
87	26.4	22.0	33.0
59	14.5	9.0	13.4#

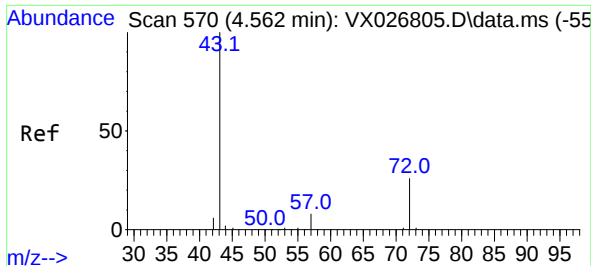


#23
Vinyl Acetate
Concen: 0.591 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.037 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Tgt Ion: 43 Resp: 2279

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#

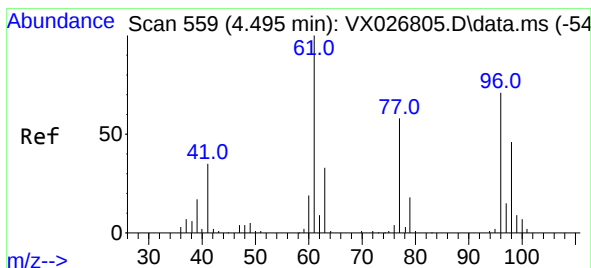
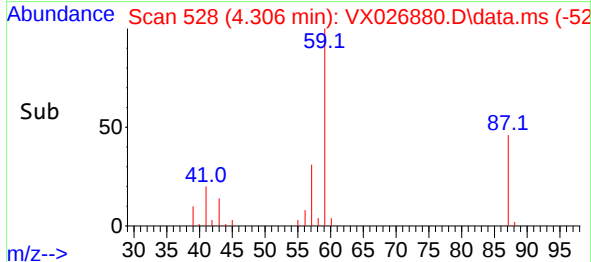
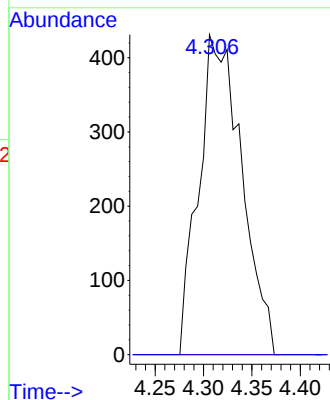
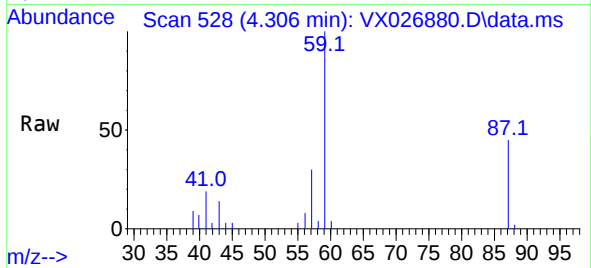




#25
2-Butanone
Concen: 1.245 ug/l
RT: 4.306 min Scan# 51
Delta R.T. -0.256 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

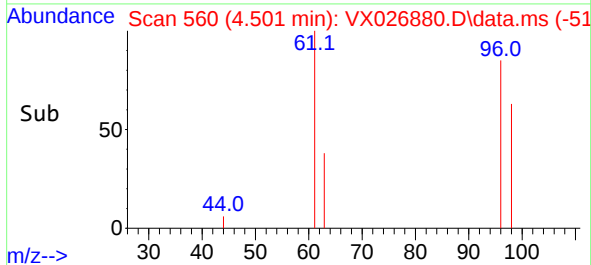
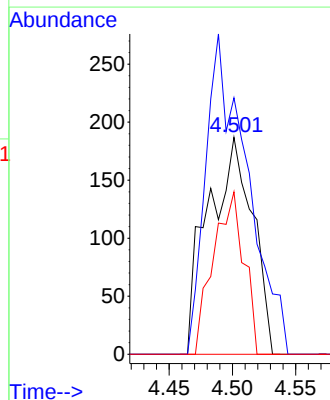
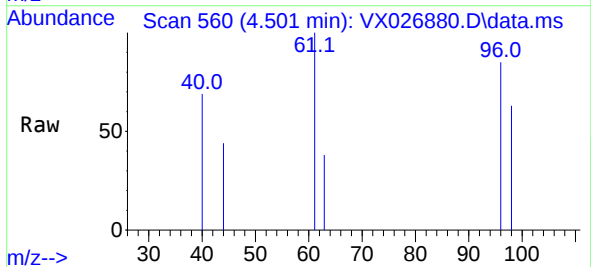
Instrument :
MSVOA_X
ClientSampleId :

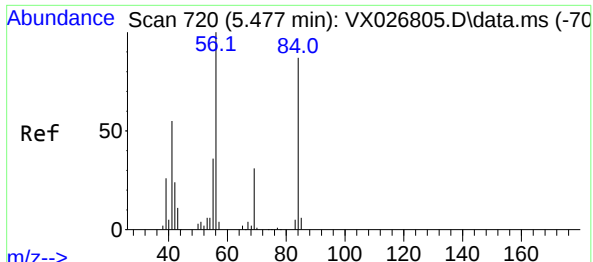
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#27
cis-1,2-Dichloroethene
Concen: 0.294 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

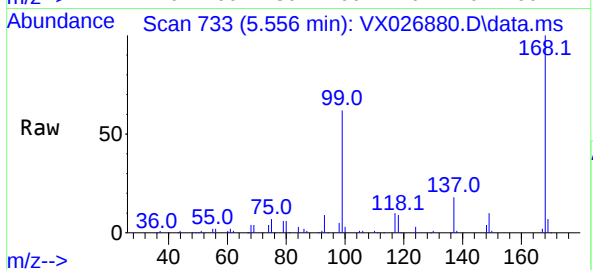
Tgt Ion: 96 Resp: 457
Ion Ratio Lower Upper
96 100
61 137.0 0.0 296.6
98 51.4 0.0 128.8



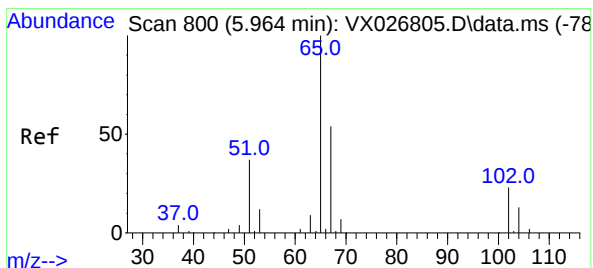
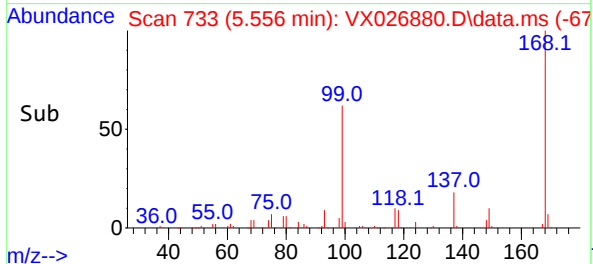
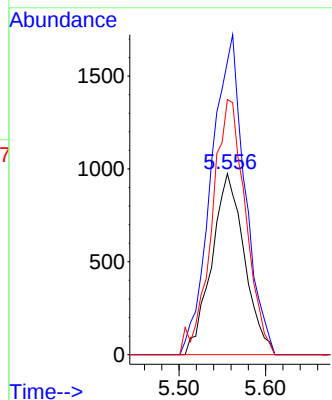


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

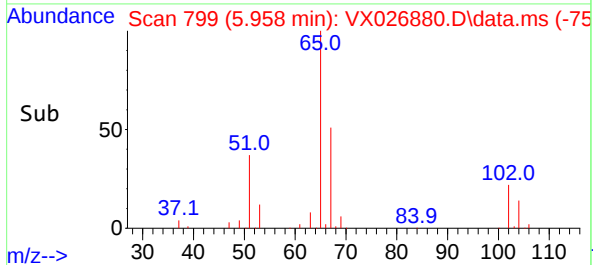
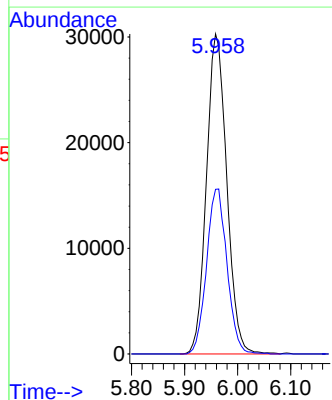
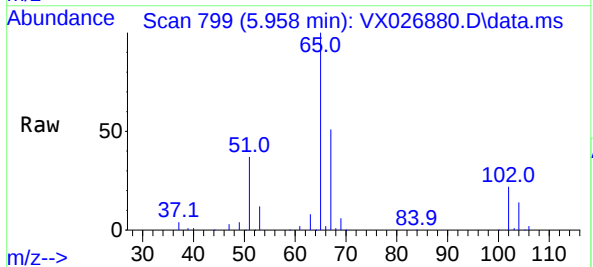


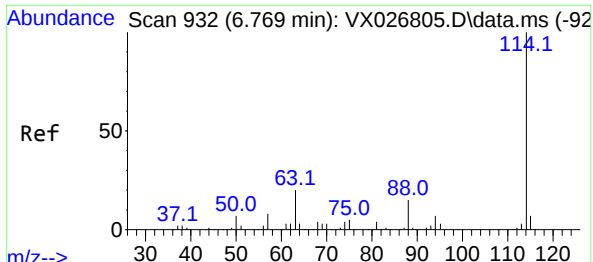
Tgt Ion: 56 Resp: 2561
Ion Ratio Lower Upper
56 100
69 162.0 25.8 38.6#
84 141.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.333 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Tgt Ion: 65 Resp: 80436
Ion Ratio Lower Upper
65 100
67 52.0 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: VX026880.D

Acq: 09 Feb 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

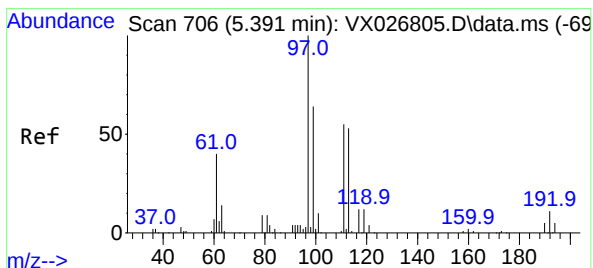
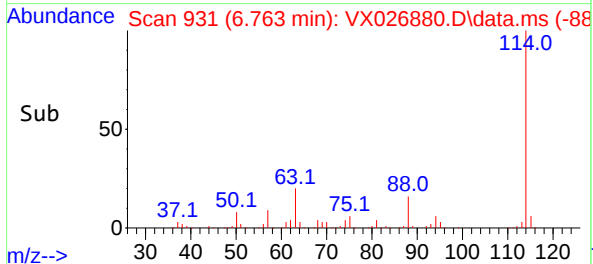
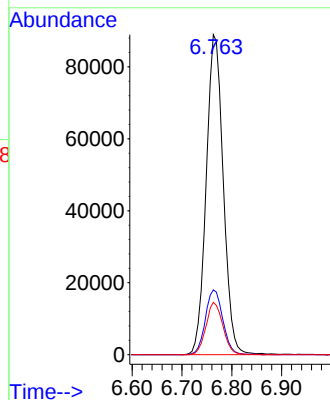
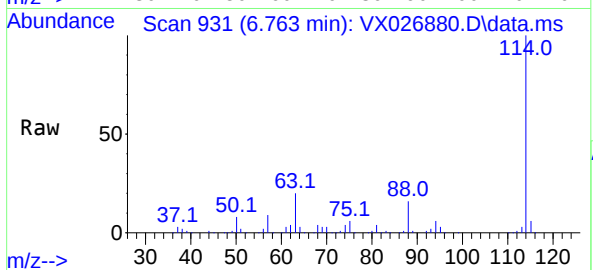
Tgt Ion:114 Resp: 211739

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 16.4 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.477 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026880.D

Acq: 09 Feb 2022 19:39

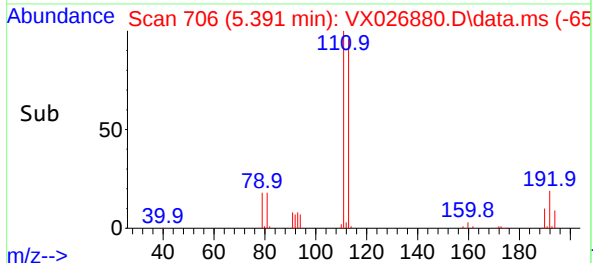
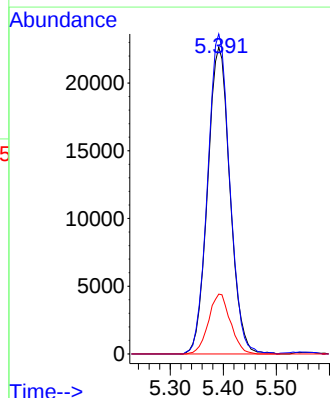
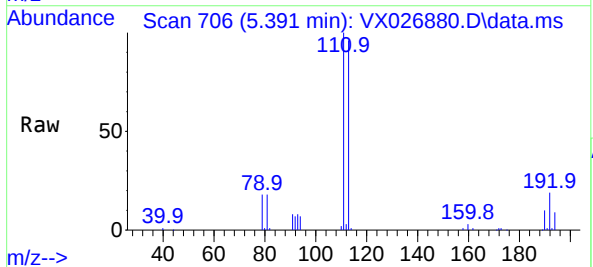
Tgt Ion:113 Resp: 66200

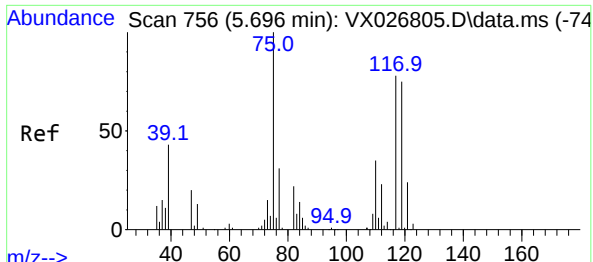
Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

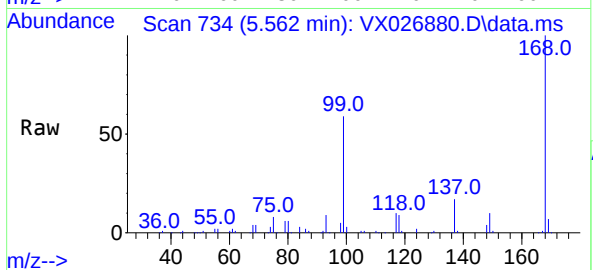
192 19.1 15.0 22.4



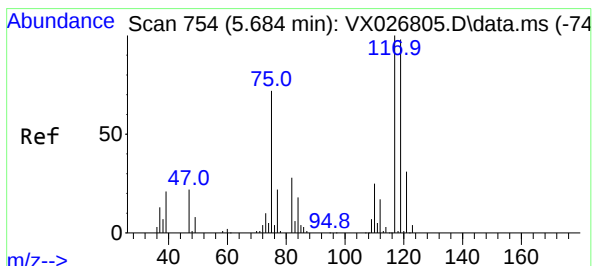
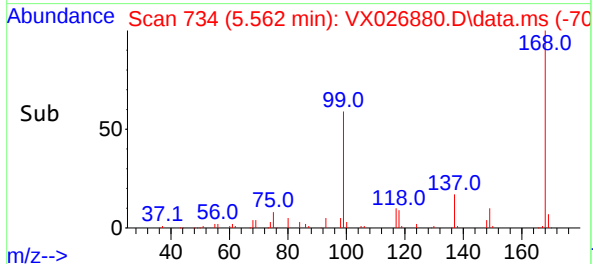
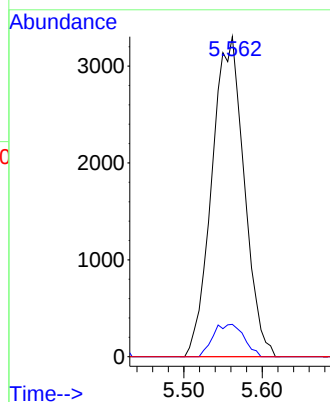


#36
1,1-Dichloropropene
Concen: 4.749 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

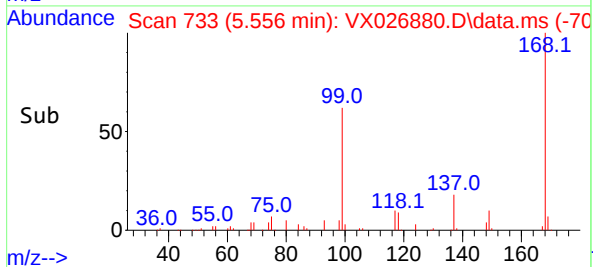
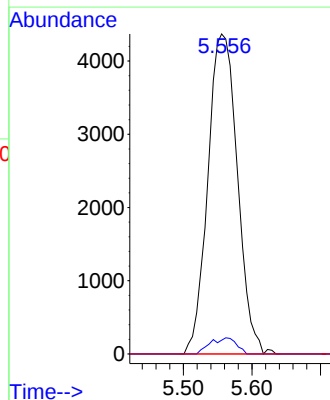
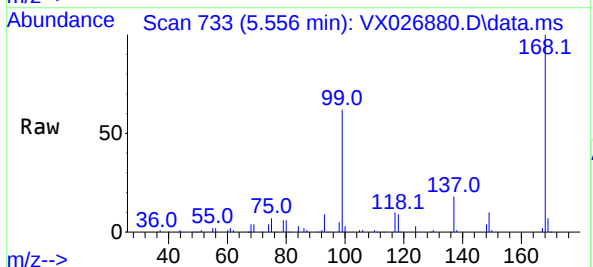


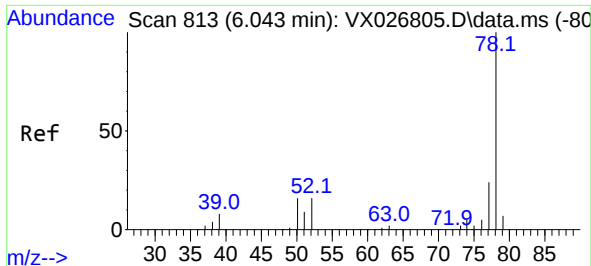
Tgt Ion: 75 Resp: 9451
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.277 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

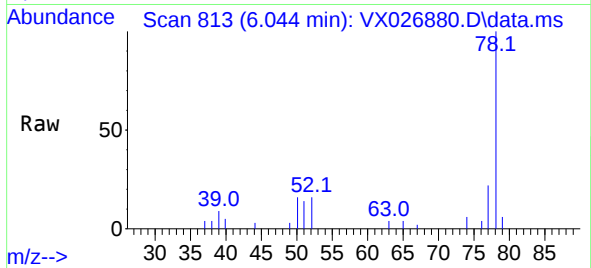
Tgt Ion: 117 Resp: 13099
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#



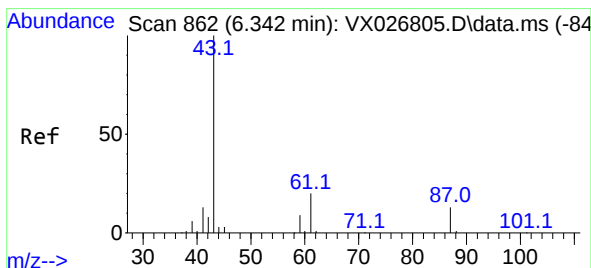
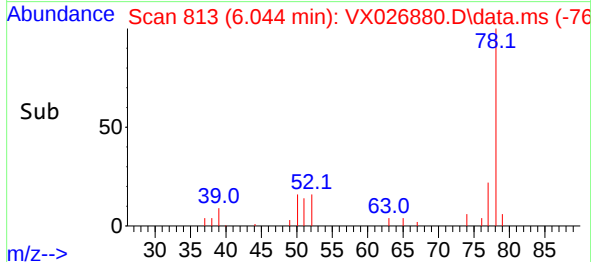
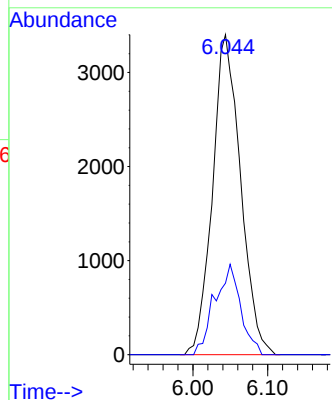


#40
Benzene
Concen: 1.528 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

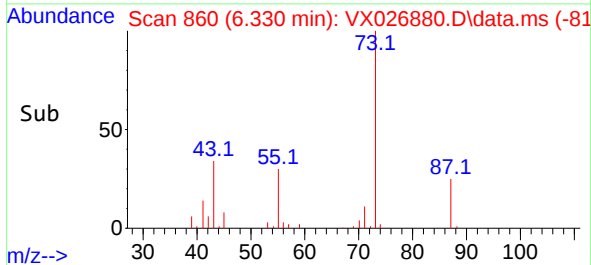
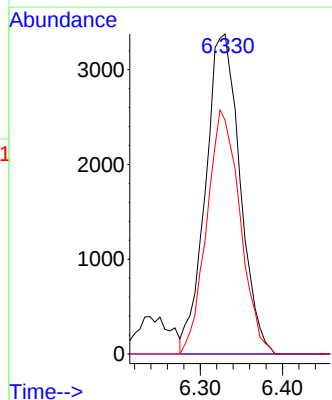
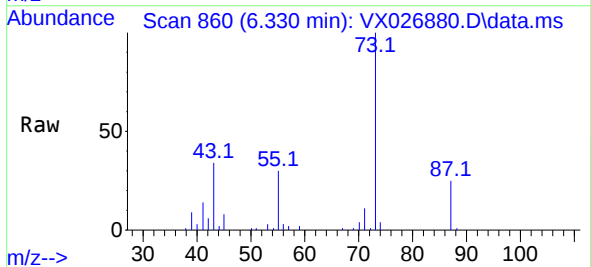


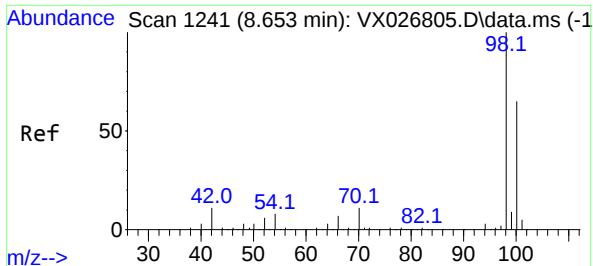
Tgt Ion: 78 Resp: 8865
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3



#43
Isopropyl Acetate
Concen: 2.825 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Tgt Ion: 43 Resp: 9830
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 73.7 10.2 15.2#





#50

Toluene-d8

Concen: 54.039 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026880.D

Acq: 09 Feb 2022 19:39

Instrument :

MSVOA_X

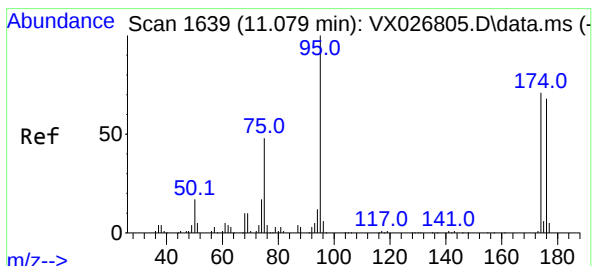
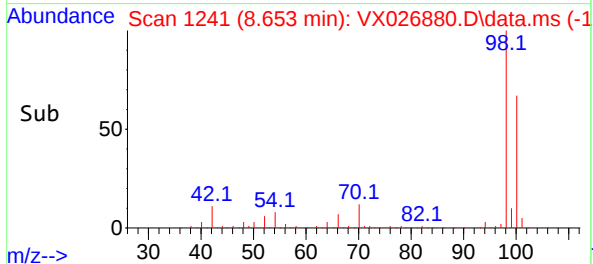
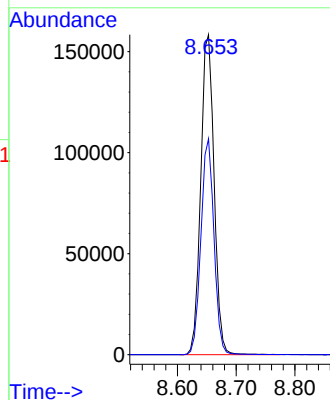
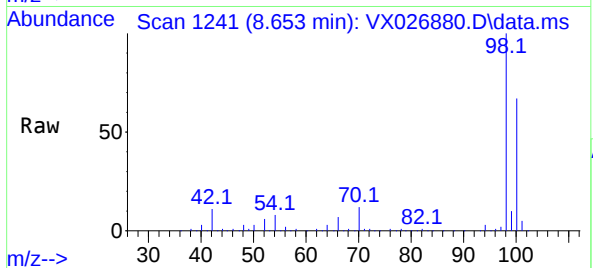
ClientSampleId :

Tgt Ion: 98 Resp: 250231

Ion Ratio Lower Upper

98 100

100 65.8 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 56.579 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026880.D

Acq: 09 Feb 2022 19:39

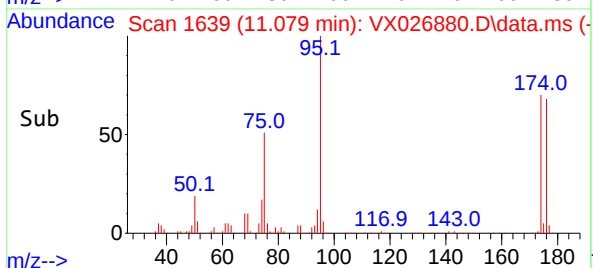
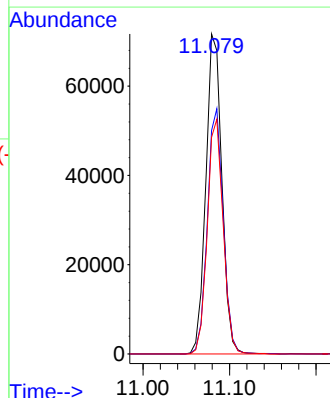
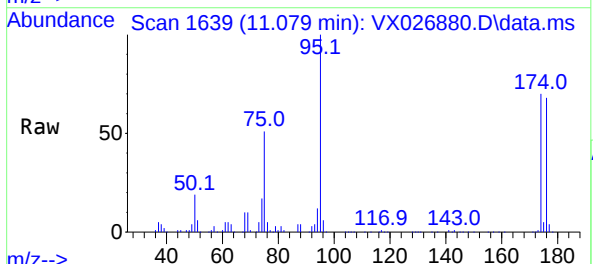
Tgt Ion: 95 Resp: 92240

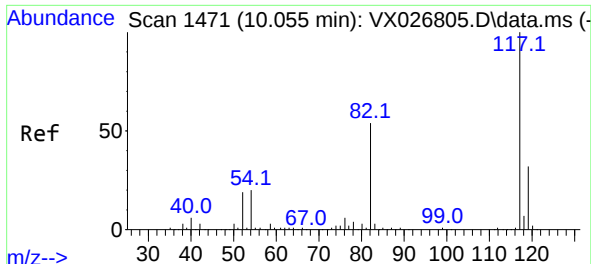
Ion Ratio Lower Upper

95 100

174 76.0 0.0 148.6

176 72.5 0.0 141.4

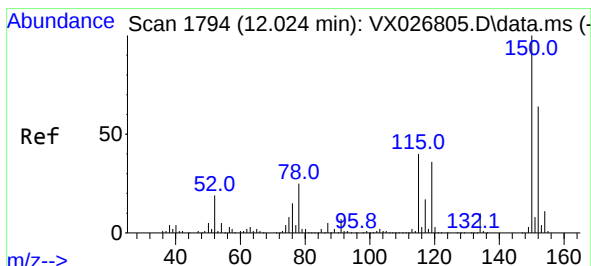
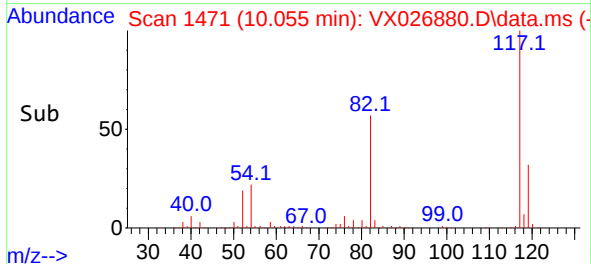
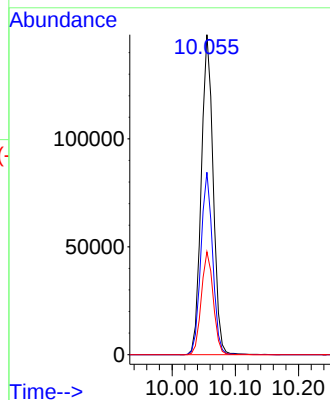
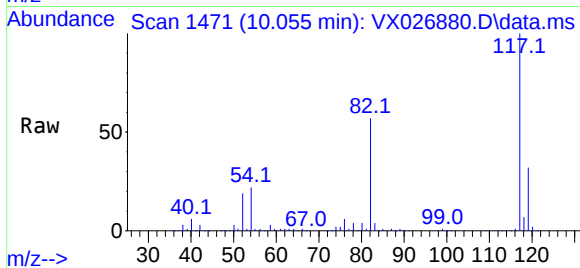




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

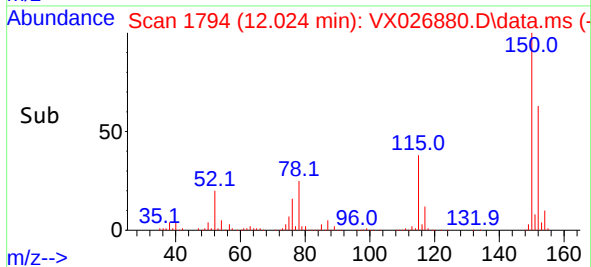
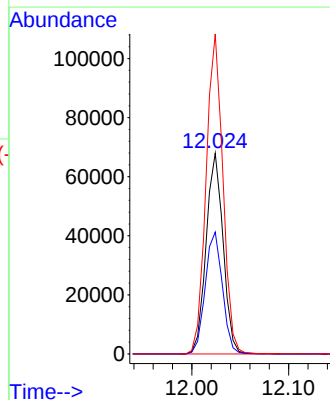
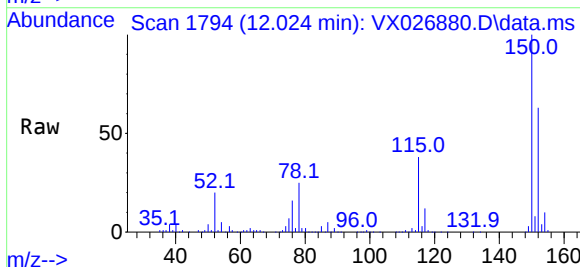
Instrument :
MSVOA_X
ClientSampleId :

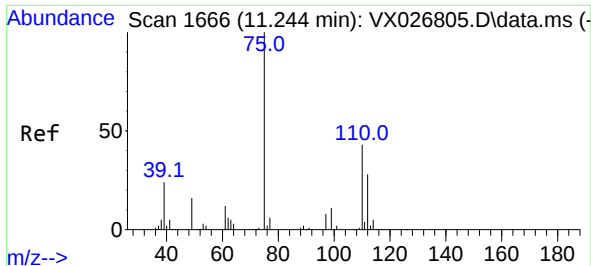
Tgt Ion:117 Resp: 194388
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Tgt Ion:152 Resp: 83236
Ion Ratio Lower Upper
152 100
115 61.4 44.2 132.6
150 157.6 0.0 348.2

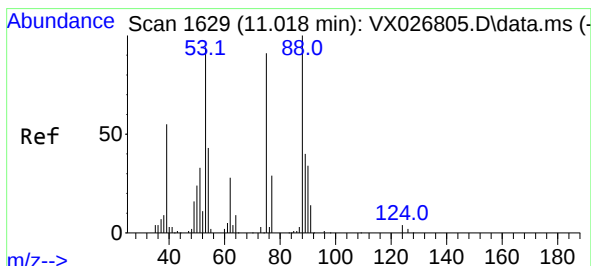
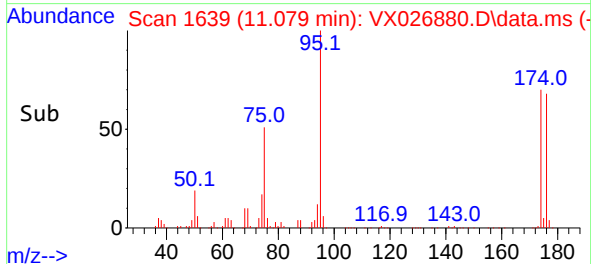
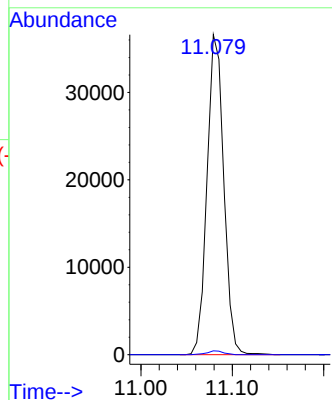
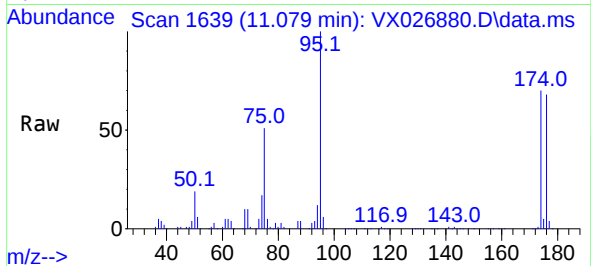




#76
1,2,3-Trichloropropane
Concen: 25.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46487
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026880.D
Acq: 09 Feb 2022 19:39

Tgt Ion: 75 Resp: 46487
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

