

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026280.D
 Acq On : 04 Jan 2022 18:33
 Operator : JC/MD
 Sample : M5333-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

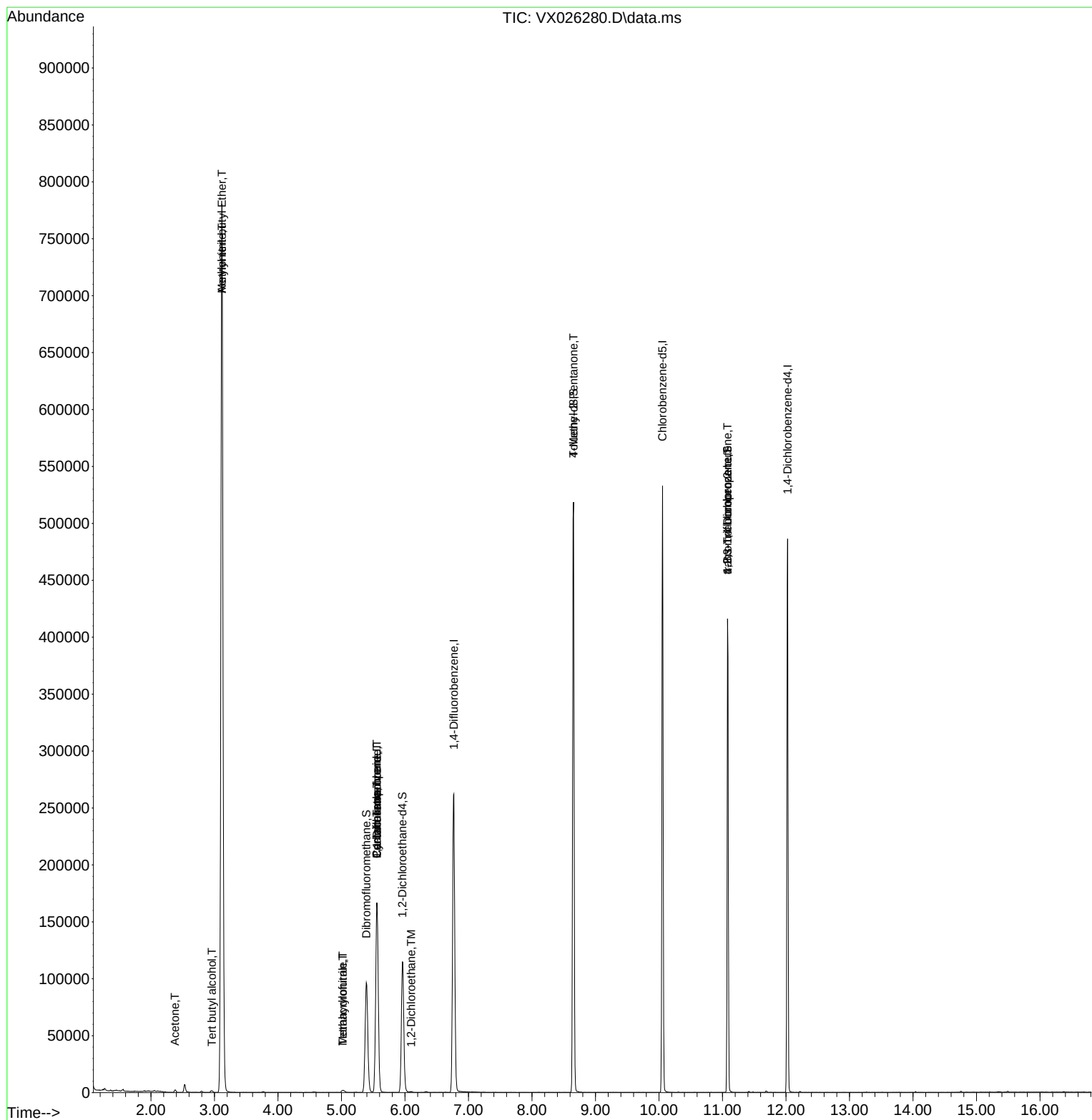
Internal Standards						
1) Pentafluorobenzene	5.556	168	149109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115925	53.739	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.480%		
35) Dibromofluoromethane	5.391	113	84502	50.593	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.180%		
50) Toluene-d8	8.653	98	296961	47.800	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.600%		
62) 4-Bromofluorobenzene	11.079	95	110215	49.835	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.660%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1721	3.994	ug/l #	73
15) Acrylonitrile	3.117	53	9072	8.504	ug/l #	29
16) Acetone	2.380	43	2514	2.151	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	842884	146.150	ug/l	100
20) Methylene Chloride	2.800	84	399	Below Cal		94
29) Tetrahydrofuran	5.020	42	1918	1.869	ug/l #	68
31) Cyclohexane	5.556	56	3670	1.195	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	13080	4.855	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16606	5.542	ug/l #	15
41) Methacrylonitrile	5.020	41	1089	0.617	ug/l #	47
42) 1,2-Dichloroethane	6.099	62	706	0.227	ug/l #	74
51) 4-Methyl-2-Pentanone	8.653	43	1515	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59613	26.155	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59613	75.666	ug/l #	10

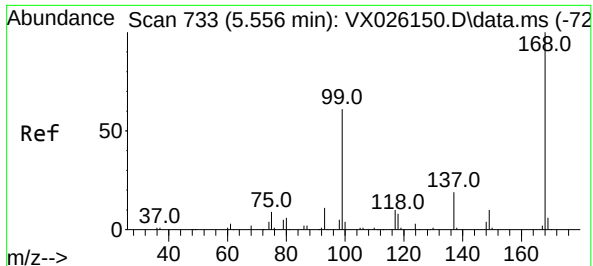
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
Data File : VX026280.D
Acq On : 04 Jan 2022 18:33
Operator : JC/MD
Sample : M5333-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

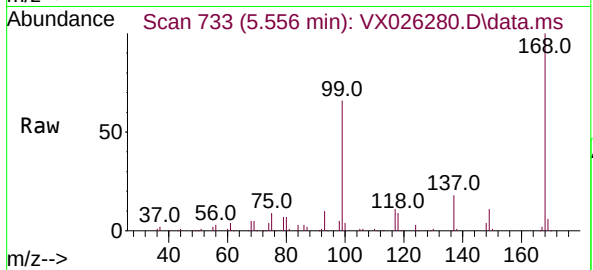
Quant Time: Jan 05 06:13:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



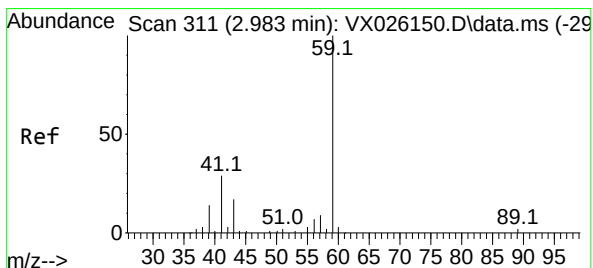
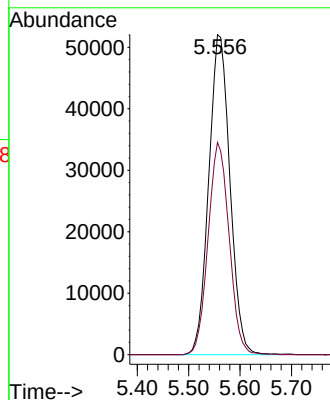
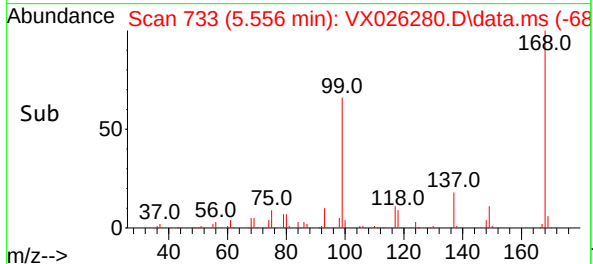


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Instrument :
MSVOA_X
ClientSampleId :

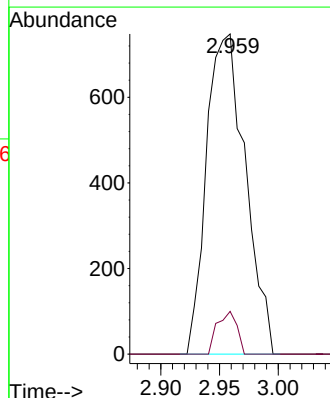
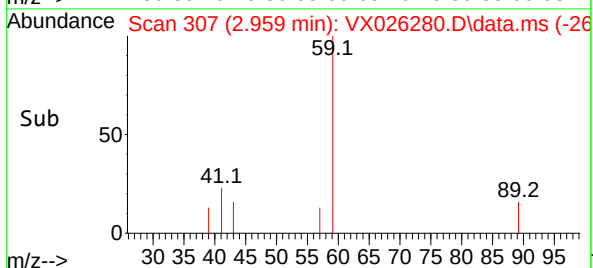
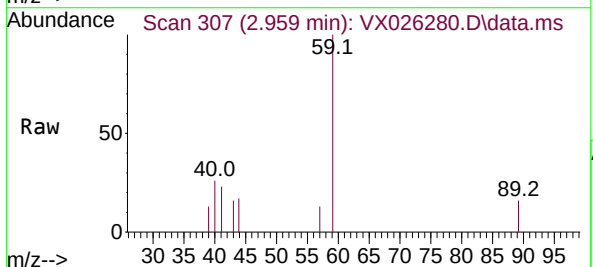


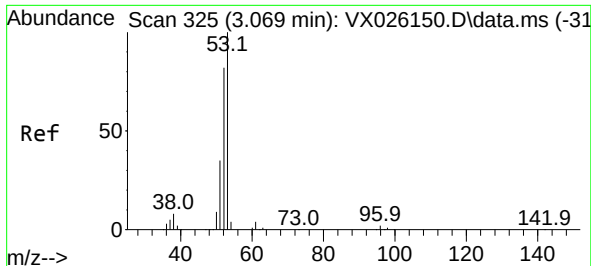
Tgt Ion:168 Resp: 149109
Ion Ratio Lower Upper
168 100
99 66.3 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.994 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion: 59 Resp: 1721
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

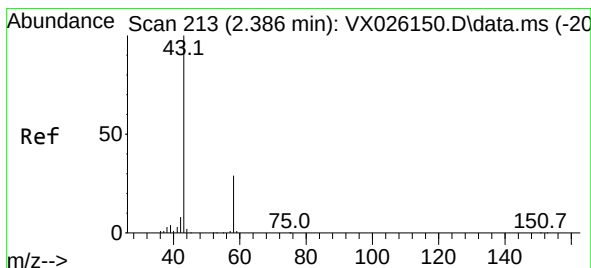
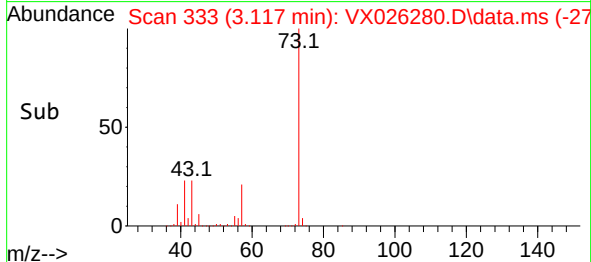
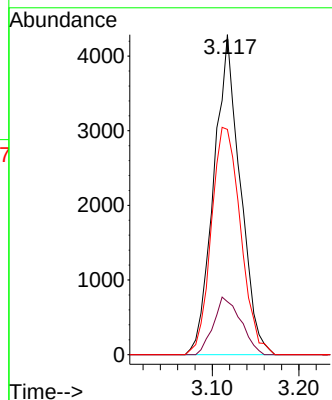
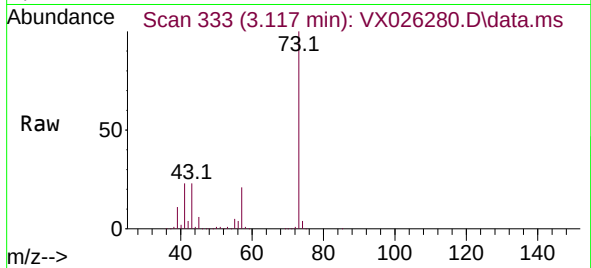




#15
Acrylonitrile
Concen: 8.504 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.048 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

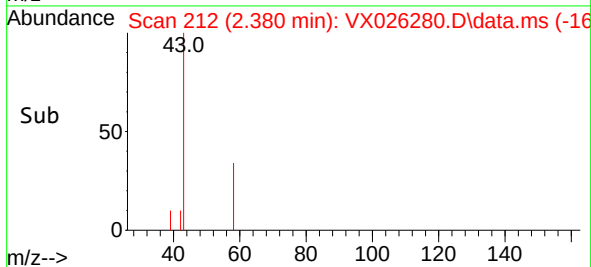
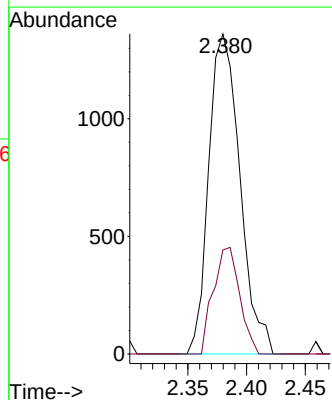
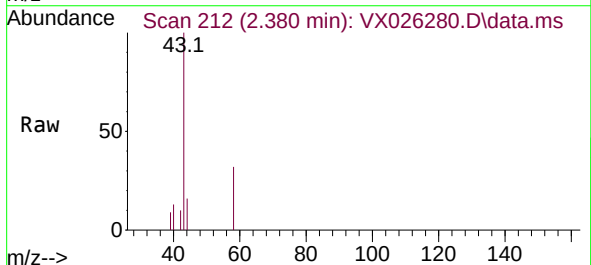
Instrument :
MSVOA_X
ClientSampleId :

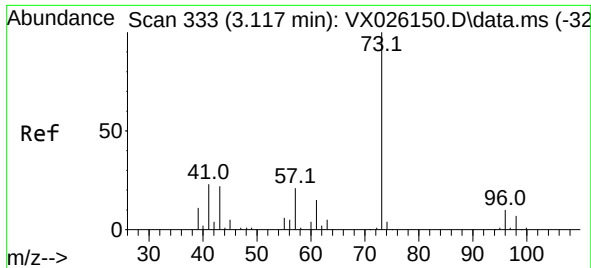
Tgt Ion: 53 Resp: 9072
Ion Ratio Lower Upper
53 100
52 18.6 66.2 99.2#
51 78.9 29.4 44.0#



#16
Acetone
Concen: 2.151 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 32.5 24.8 37.2

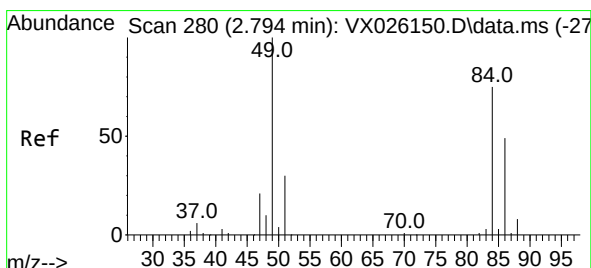
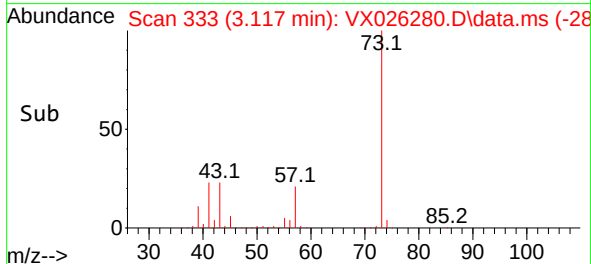
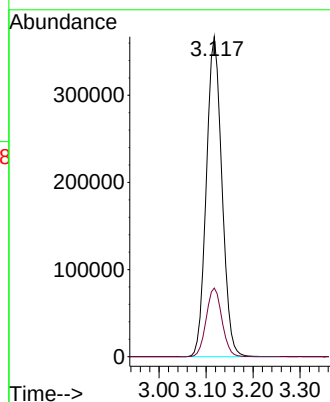
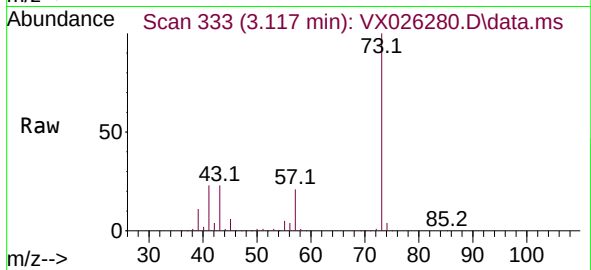




#19
Methyl tert-butyl Ether
Concen: 146.150 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

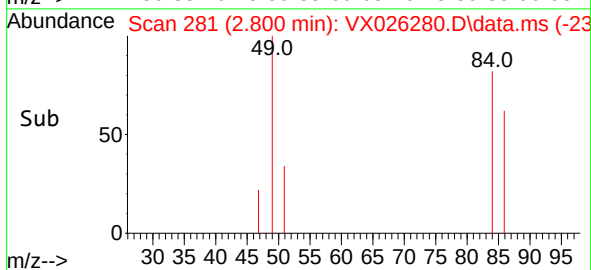
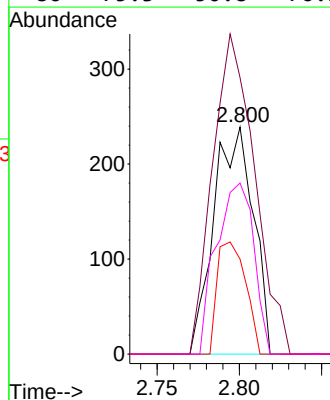
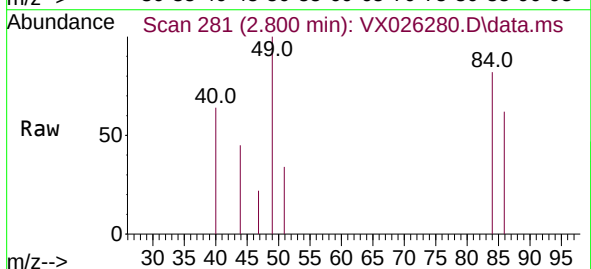
Instrument :
MSVOA_X
ClientSampleId :

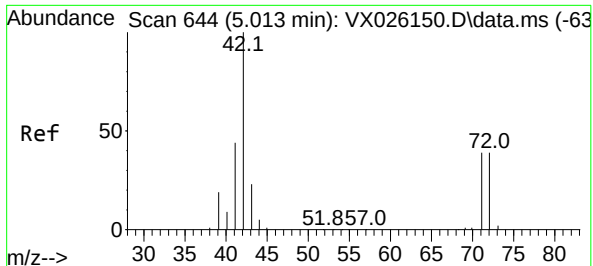
Tgt Ion: 73 Resp: 842884
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion: 84 Resp: 399
Ion Ratio Lower Upper
84 100
49 121.8 97.1 145.7
51 41.8 29.3 43.9
86 75.3 50.8 76.2





#29

Tetrahydrofuran

Concen: 1.869 ug/l

RT: 5.020 min Scan# 644

Delta R.T. 0.007 min

Lab File: VX026280.D

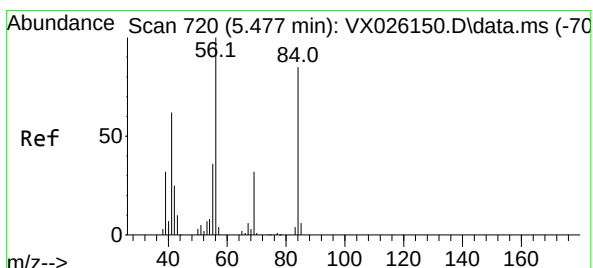
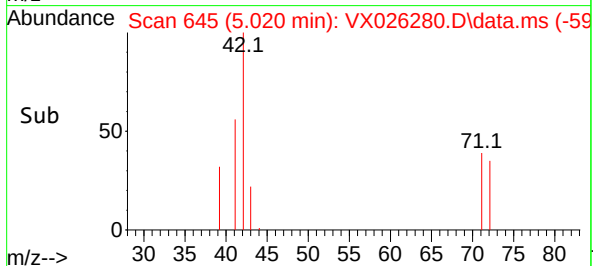
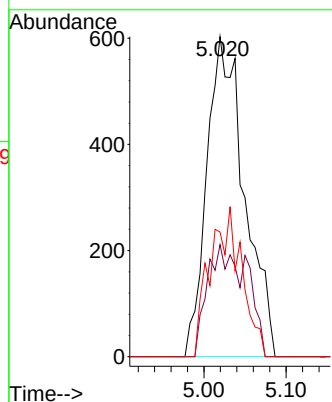
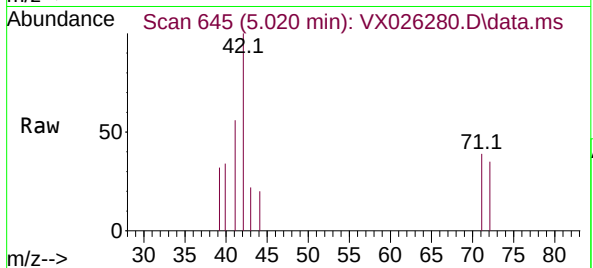
Acq: 04 Jan 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	1918
Ion	Ratio	Lower	Upper
42	100		
72	26.7	37.0	55.6#
71	20.7	34.1	51.1#



#31

Cyclohexane

Concen: 1.195 ug/l

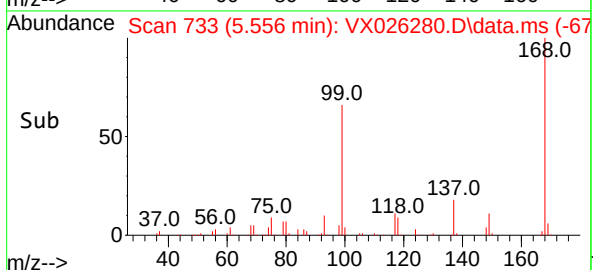
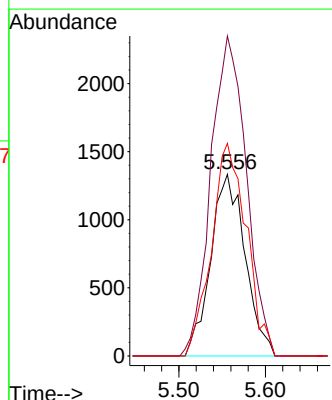
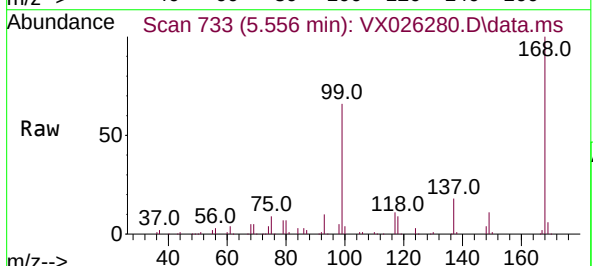
RT: 5.556 min Scan# 733

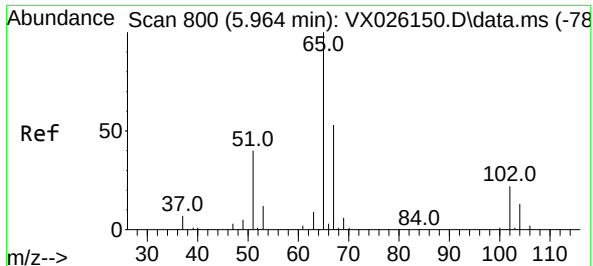
Delta R.T. 0.079 min

Lab File: VX026280.D

Acq: 04 Jan 2022 18:33

Tgt Ion:	56	Resp:	3670
Ion	Ratio	Lower	Upper
56	100		
69	176.2	23.9	35.9#
84	117.1	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 53.739 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026280.D

Acq: 04 Jan 2022 18:33

Instrument :

MSVOA_X

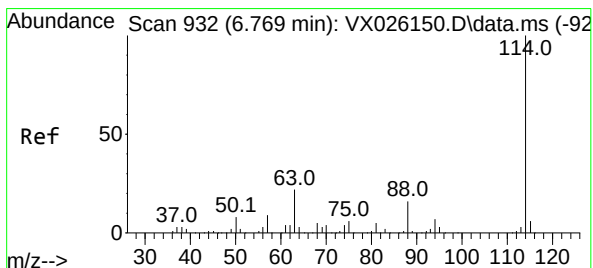
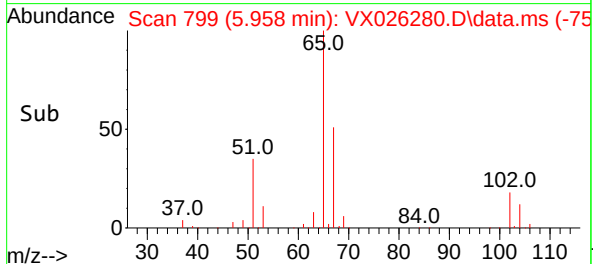
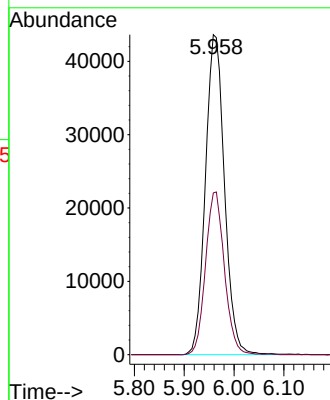
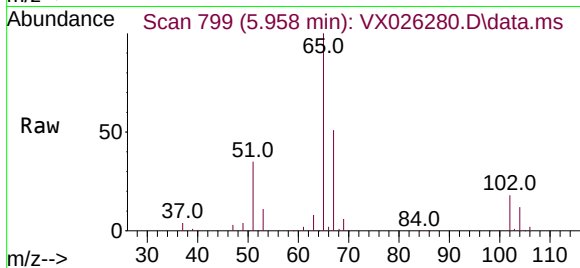
ClientSampleId :

Tgt Ion: 65 Resp: 115925

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026280.D

Acq: 04 Jan 2022 18:33

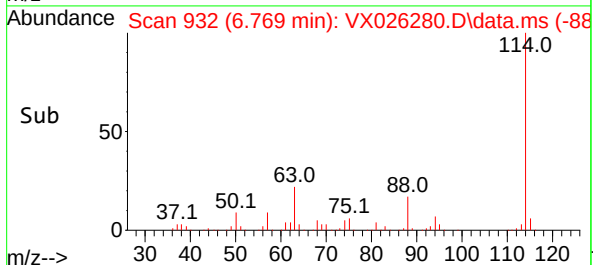
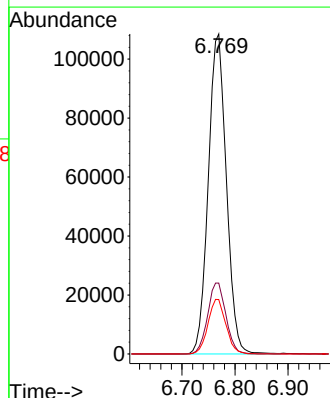
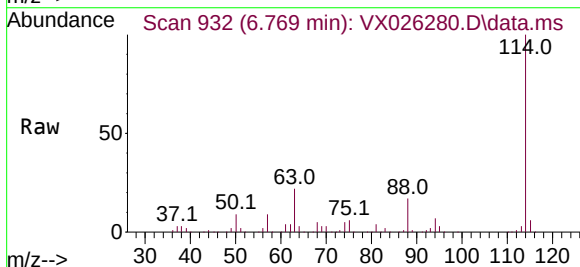
Tgt Ion: 114 Resp: 256906

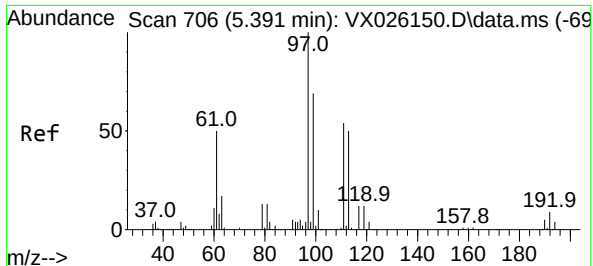
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.593 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

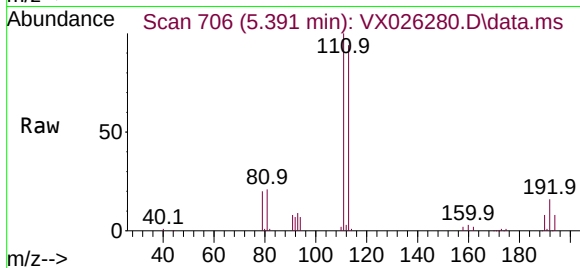
Lab File: VX026280.D

Acq: 04 Jan 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :



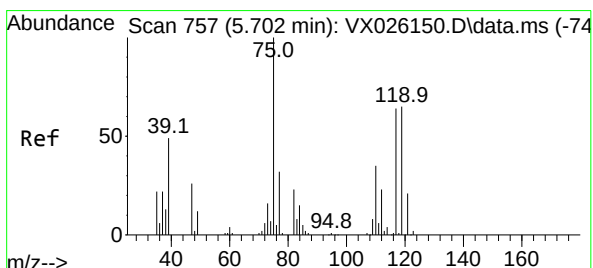
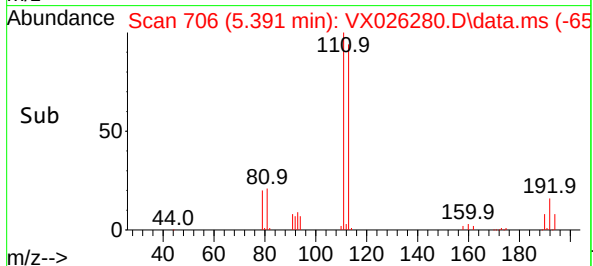
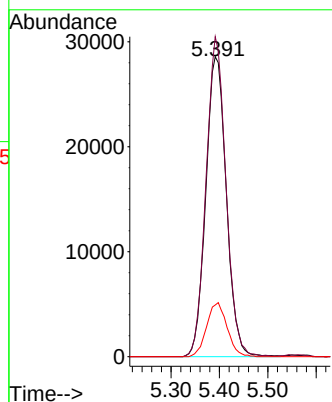
Tgt Ion:113 Resp: 84502

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

192 17.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.855 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026280.D

Acq: 04 Jan 2022 18:33

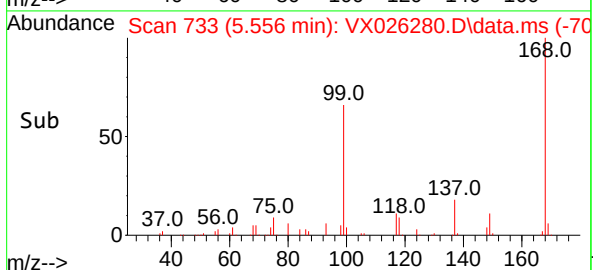
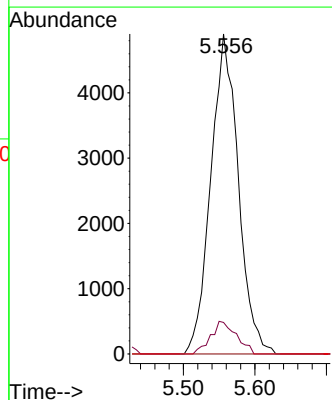
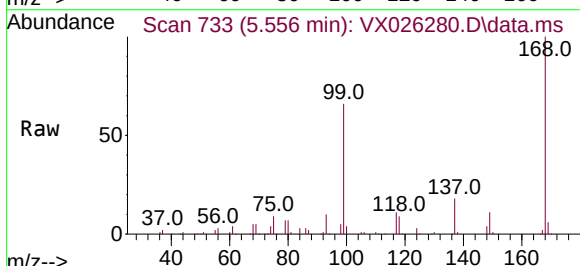
Tgt Ion: 75 Resp: 13080

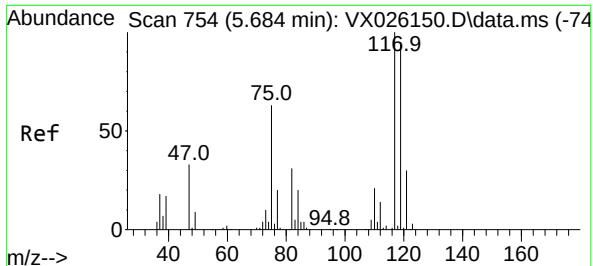
Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

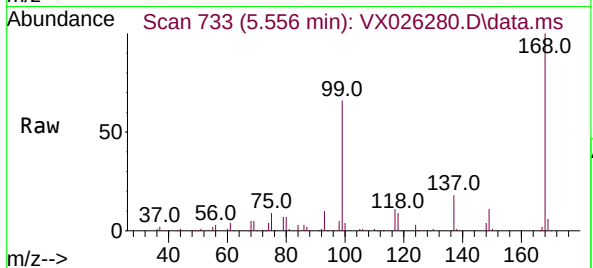
77 0.0 24.7 37.1#



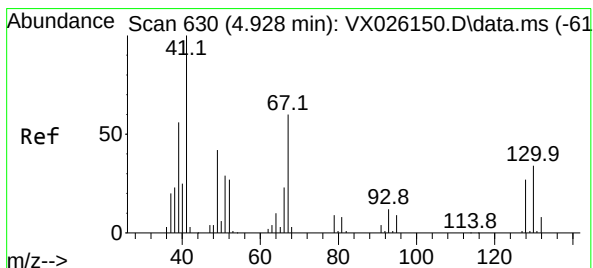
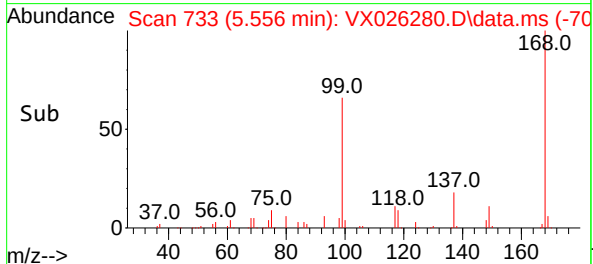
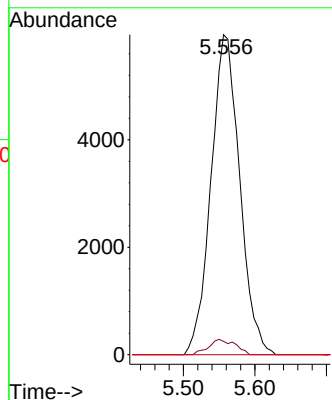


#38
Carbon Tetrachloride
Concen: 5.542 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Instrument :
MSVOA_X
ClientSampleId :

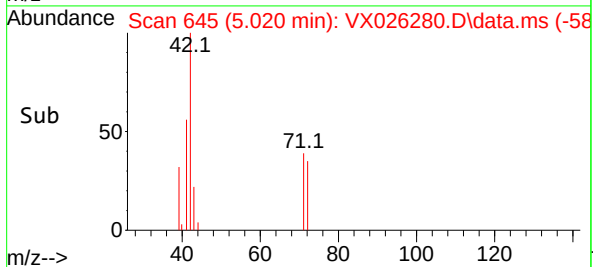
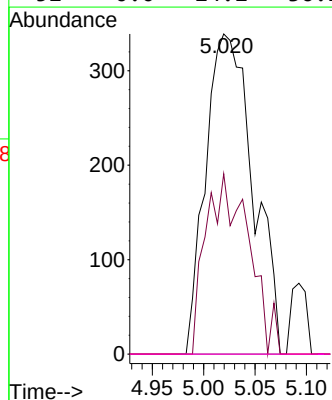
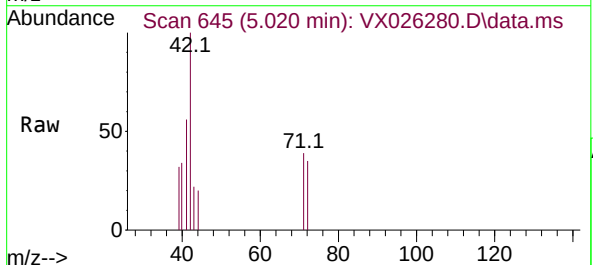


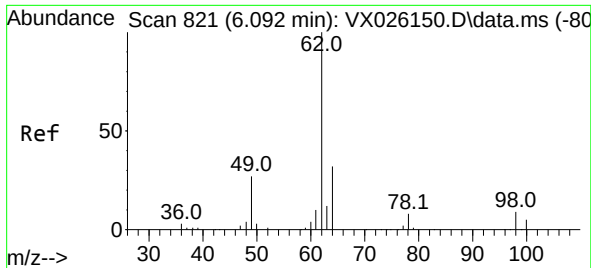
Tgt Ion:117 Resp: 16606
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 0.617 ug/l
RT: 5.020 min Scan# 645
Delta R.T. 0.092 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion: 41 Resp: 1089
Ion Ratio Lower Upper
41 100
39 51.0 44.2 66.2
67 0.0 59.7 89.5#
52 0.0 24.2 36.2#

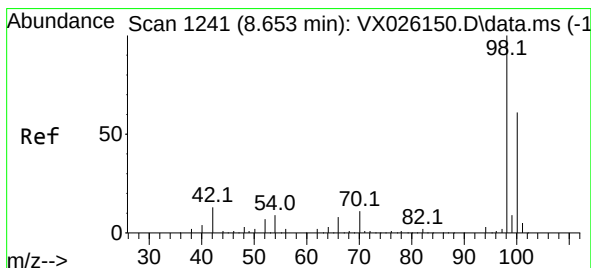
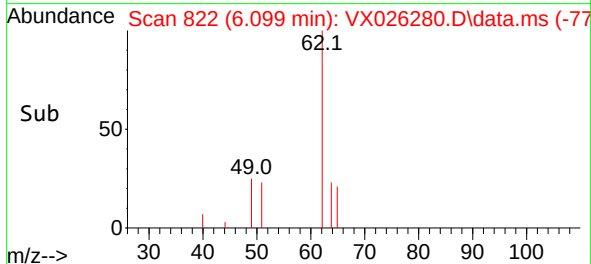
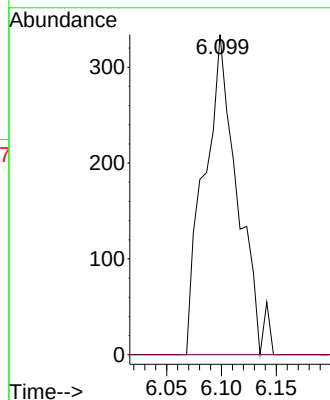
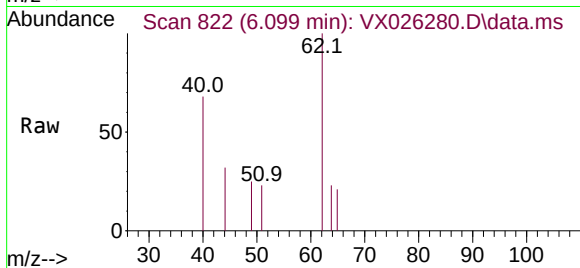




#42
1,2-Dichloroethane
Concen: 0.227 ug/l
RT: 6.099 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

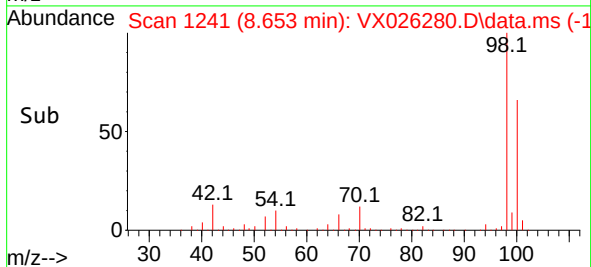
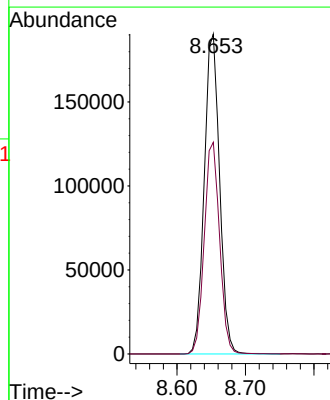
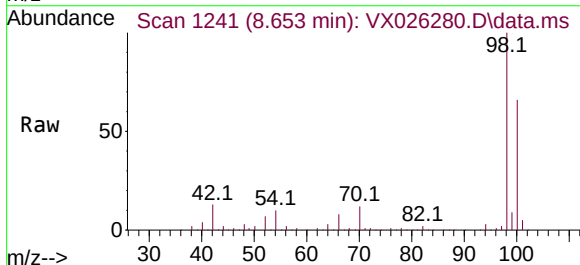
Instrument :
MSVOA_X
ClientSampleId :

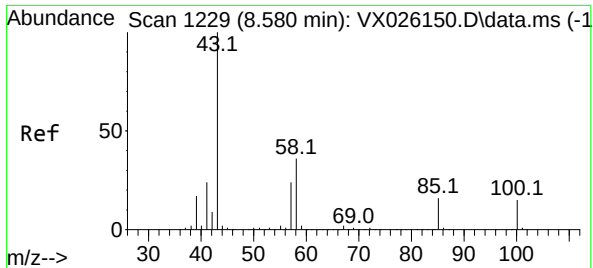
Tgt Ion: 62 Resp: 706
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.8



#50
Toluene-d8
Concen: 47.800 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion: 98 Resp: 296961
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

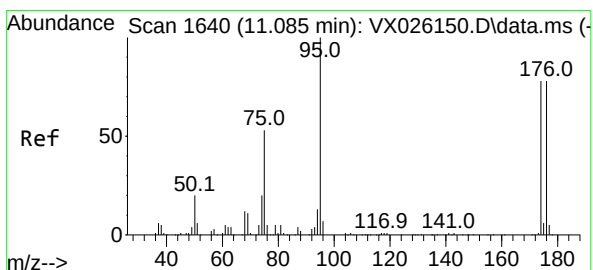
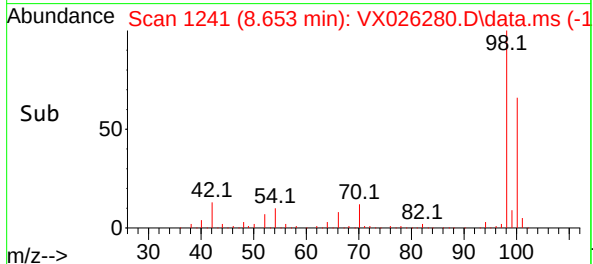
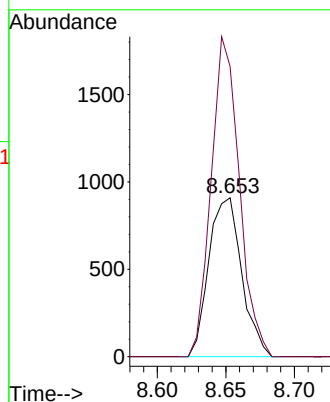
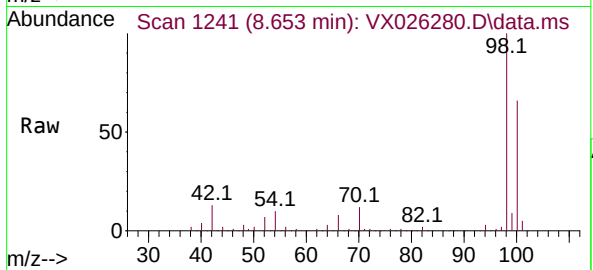




#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

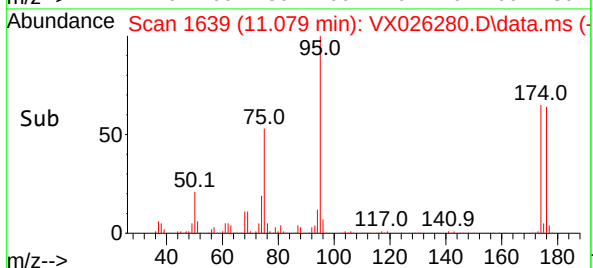
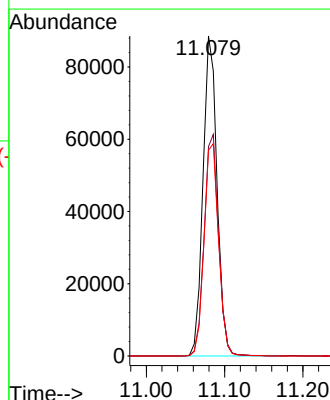
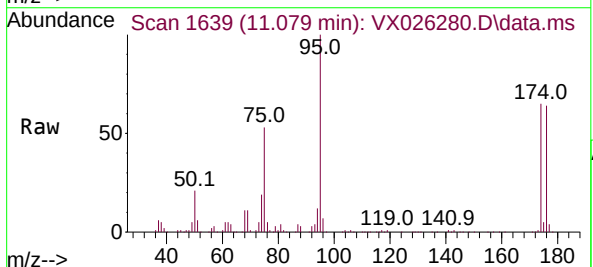
Instrument :
MSVOA_X
ClientSampleId :

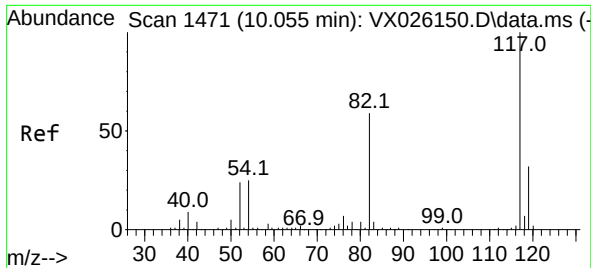
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 173.1 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 49.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion: 95 Resp: 110215
Ion Ratio Lower Upper
95 100
174 70.9 0.0 157.4
176 68.7 0.0 154.6

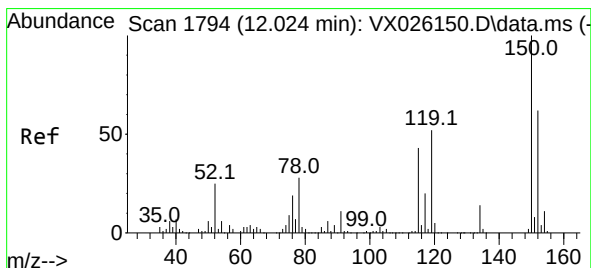
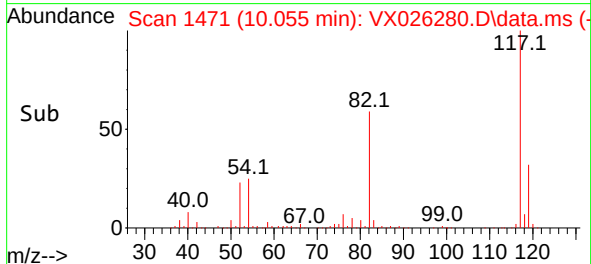
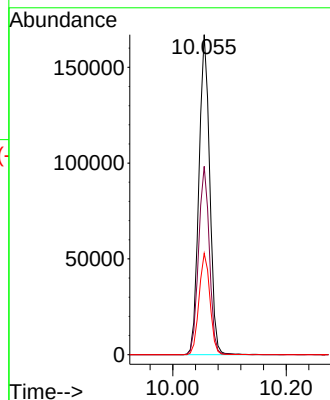
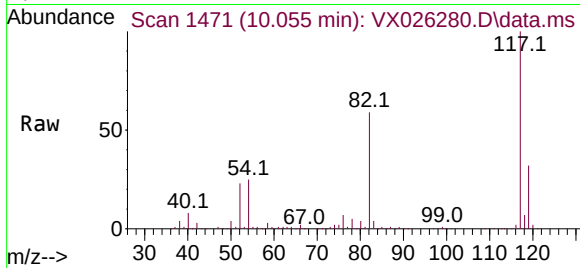




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

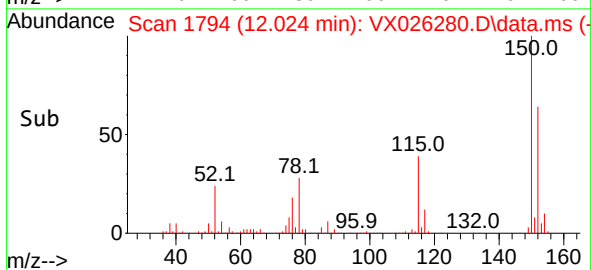
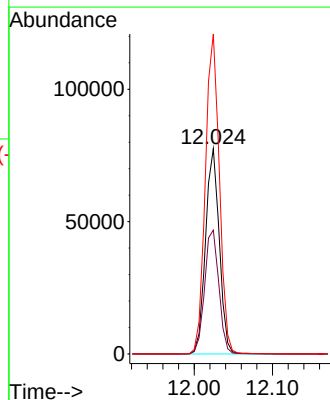
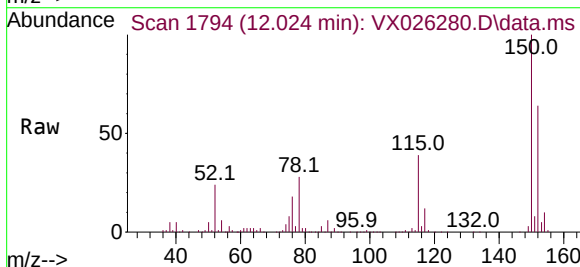
Instrument :
MSVOA_X
ClientSampleId :

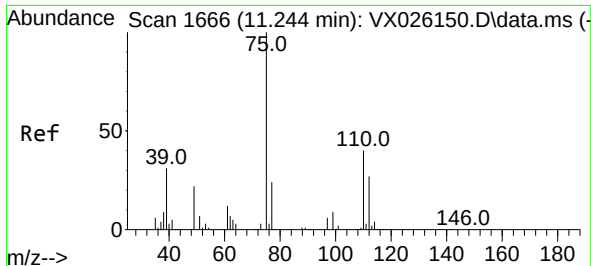
Tgt Ion:117 Resp: 220760
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.6
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion:152 Resp: 94427
Ion Ratio Lower Upper
152 100
115 62.5 41.3 123.9
150 158.6 0.0 351.8

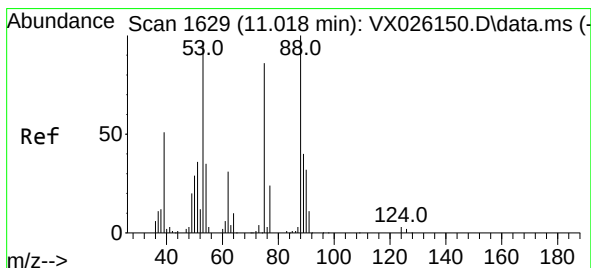
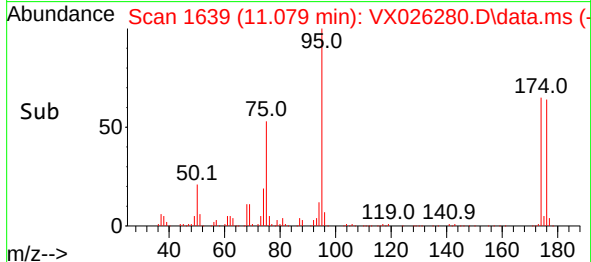
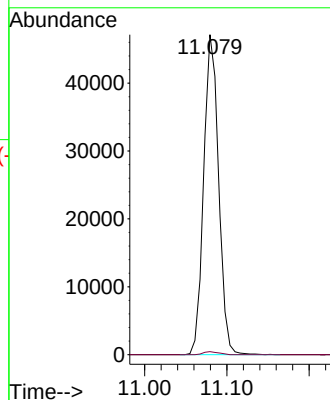
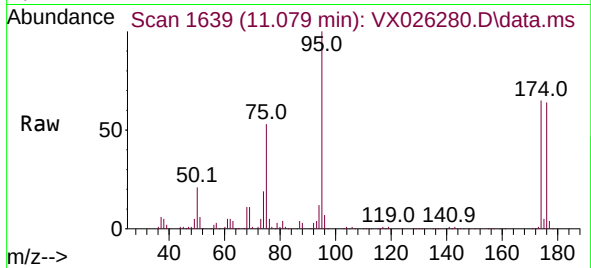




#76
1,2,3-Trichloropropane
Concen: 26.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59613
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026280.D
Acq: 04 Jan 2022 18:33

Tgt Ion: 75 Resp: 59613
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

