

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026281.D
 Acq On : 04 Jan 2022 18:56
 Operator : JC/MD
 Sample : M5333-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:13:32 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)

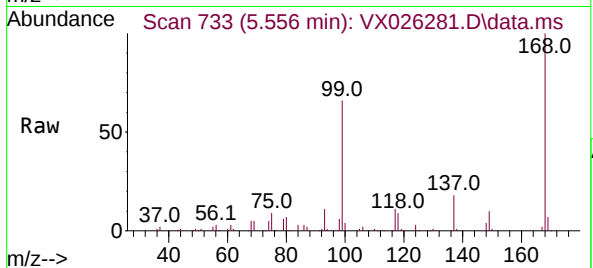
Internal Standards						
1) Pentafluorobenzene	5.556	168	147523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114216	53.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.040%	
35) Dibromofluoromethane	5.391	113	83380	50.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	8.653	98	300544	48.618	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.240%	
62) 4-Bromofluorobenzene	11.079	95	110061	50.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	669334	1570.195	ug/l	99
15) Acrylonitrile	3.111	53	10531	9.978	ug/l #	29
16) Acetone	2.380	43	1751	1.514	ug/l #	89
18) Methyl Acetate	2.953	43	102798	27.407	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	1015166	177.915	ug/l	99
20) Methylene Chloride	2.800	84	177	Below Cal	#	81
22) Diisopropyl ether	3.764	45	25199	4.090	ug/l #	78
23) Vinyl Acetate	3.764	43	12841	2.625	ug/l #	70
31) Cyclohexane	5.550	56	3817	1.256	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	12630	4.712	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16204	5.435	ug/l #	15
42) 1,2-Dichloroethane	6.092	62	1953	0.631	ug/l	85
43) Isopropyl Acetate	6.324	43	1202	0.237	ug/l #	34
56) Ethyl methacrylate	8.836	69	1098	0.368	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	59070	25.709	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59070	74.376	ug/l #	10

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

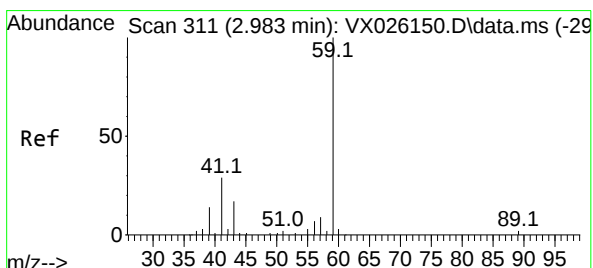
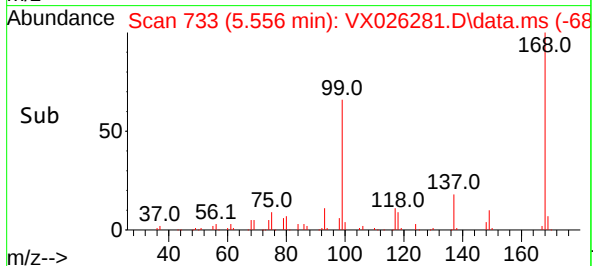
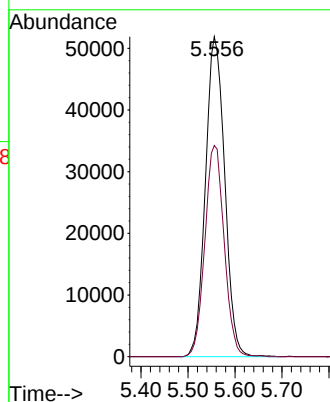


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :

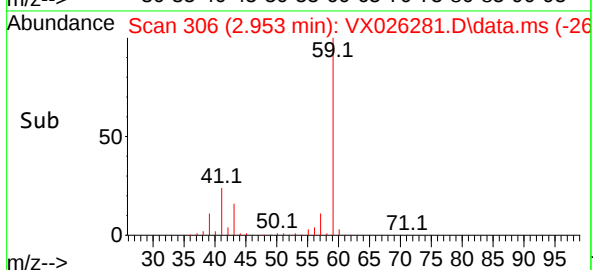
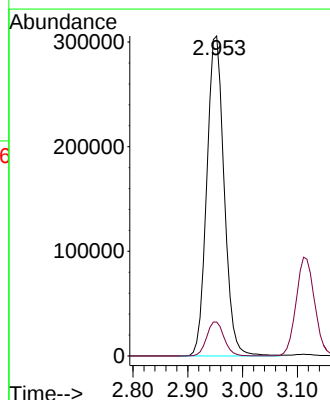
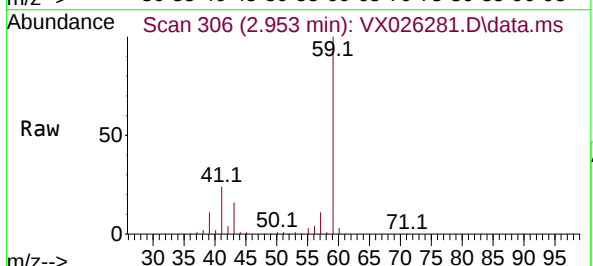


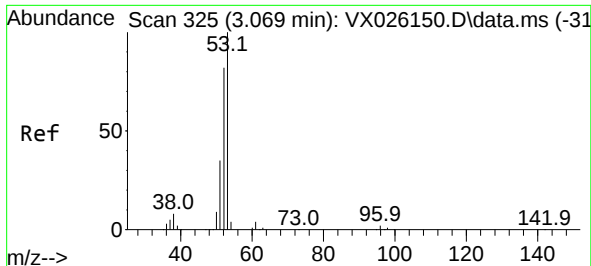
Tgt Ion:168 Resp: 147523
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 1570.195 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

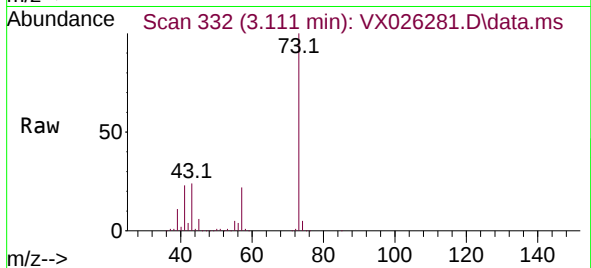
Tgt Ion: 59 Resp: 669334
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



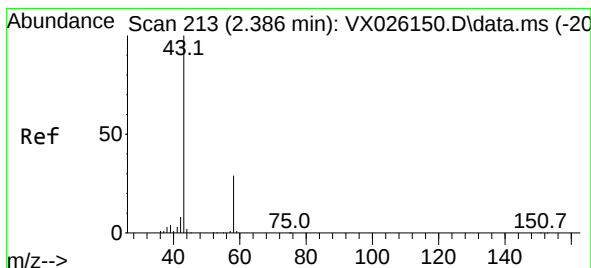
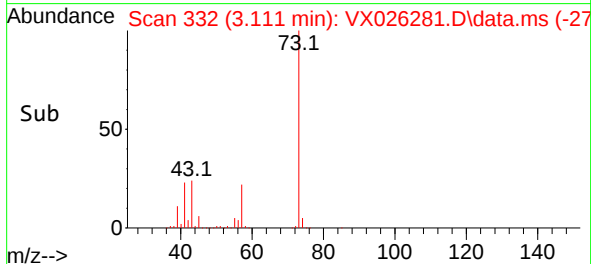
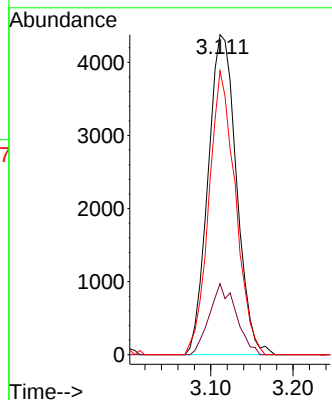


#15
Acrylonitrile
Concen: 9.978 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.042 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :

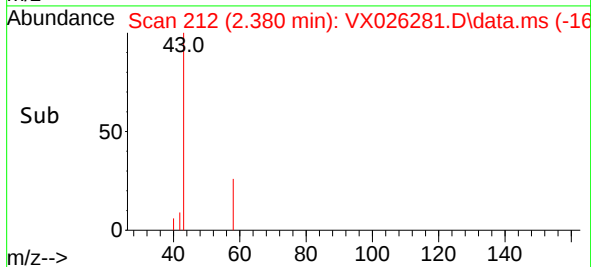
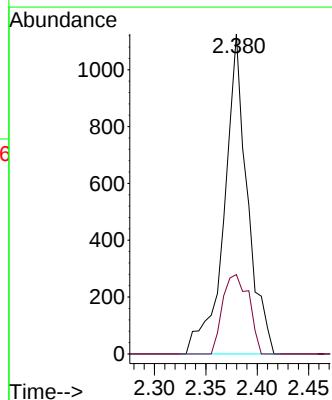
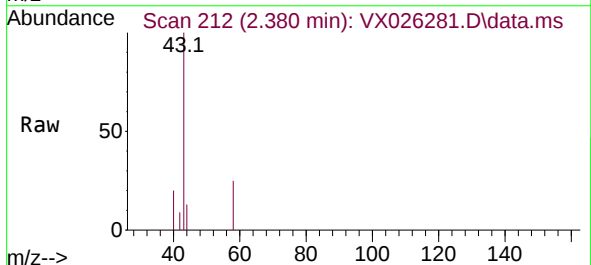


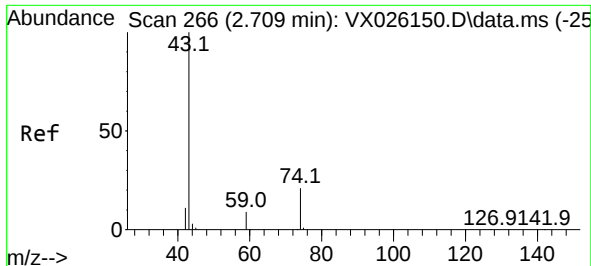
Tgt Ion: 53 Resp: 10531
Ion Ratio Lower Upper
53 100
52 20.8 66.2 99.2#
51 82.6 29.4 44.0#



#16
Acetone
Concen: 1.514 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
58 24.8 24.8 37.2#

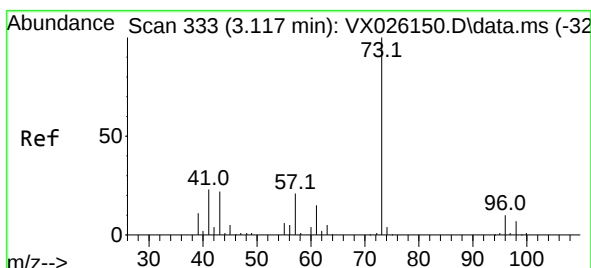
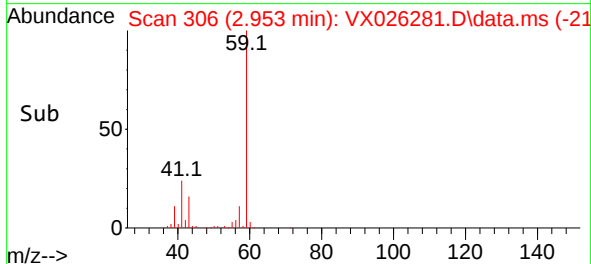
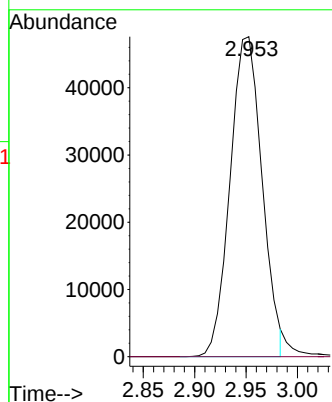
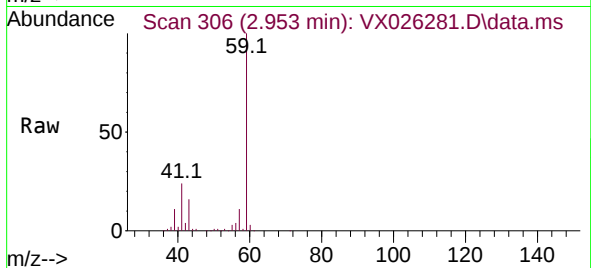




#18
Methyl Acetate
Concen: 27.407 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.244 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

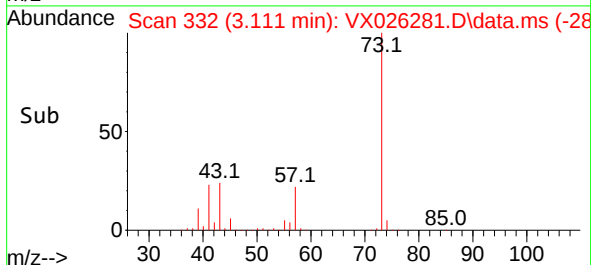
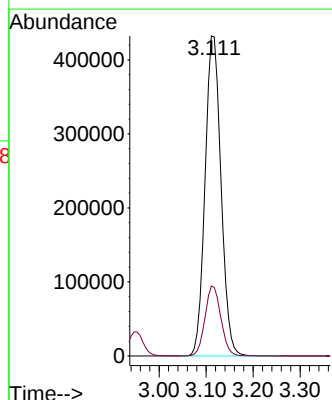
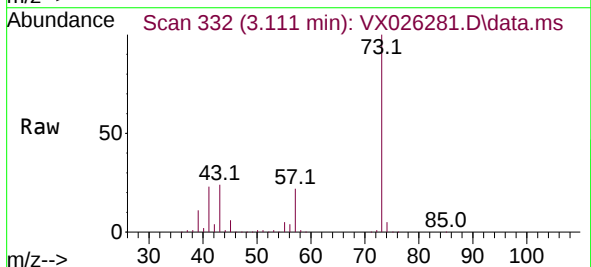
Instrument :
MSVOA_X
ClientSampleId :

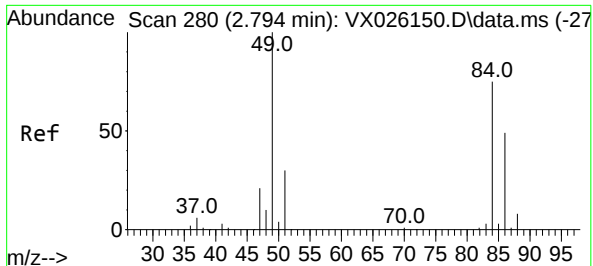
Tgt Ion: 43 Resp: 102798
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#19
Methyl tert-butyl Ether
Concen: 177.915 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

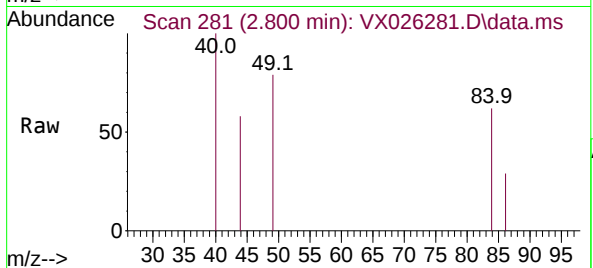
Tgt Ion: 73 Resp: 1015166
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



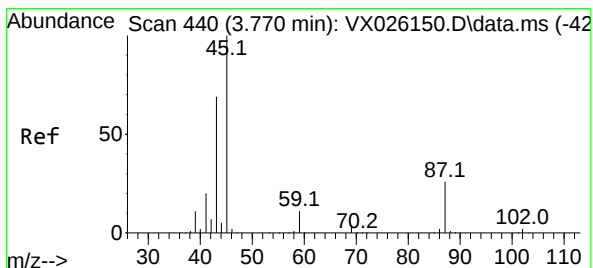
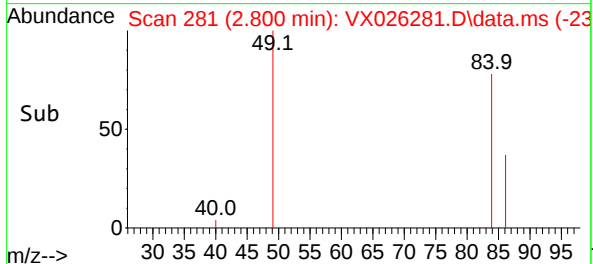
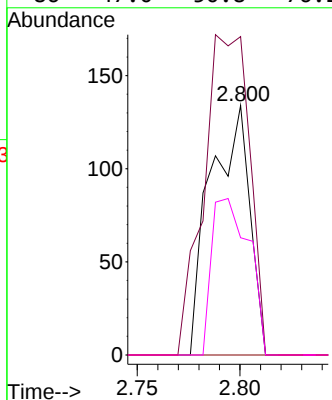


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :

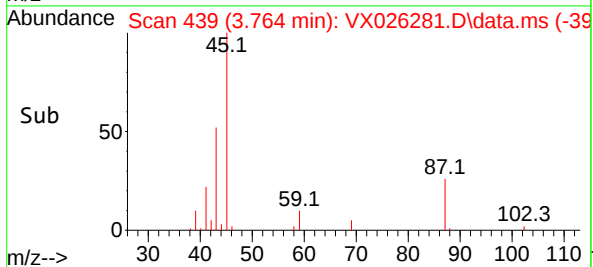
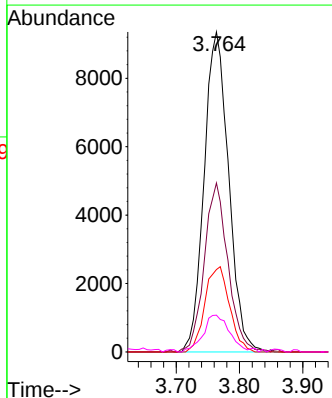
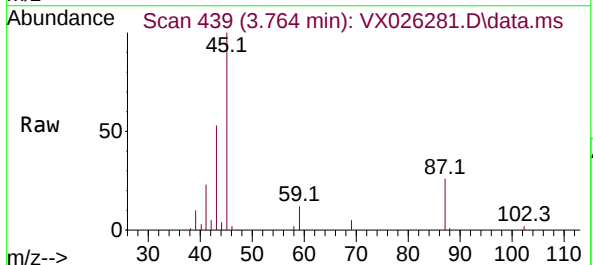


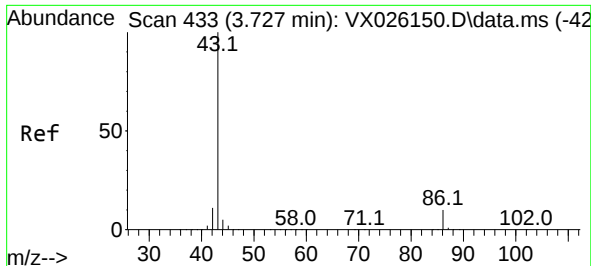
Tgt Ion: 84	Resp: 177
Ion Ratio	Lower Upper
84 100	
49 127.6	97.1 145.7
51 0.0	29.3 43.9#
86 47.0	50.8 76.2#



#22
Diisopropyl ether
Concen: 4.090 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 45	Resp: 25199
Ion Ratio	Lower Upper
45 100	
43 52.8	63.8 95.6#
87 25.8	24.2 36.4
59 11.5	9.4 14.2

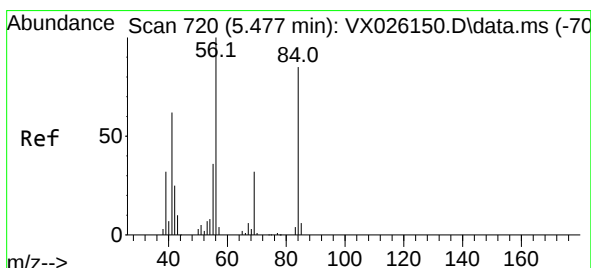
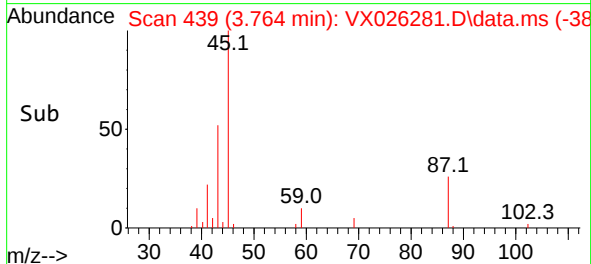
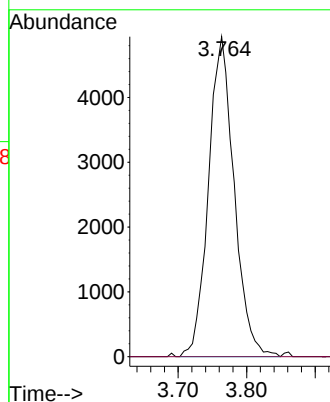
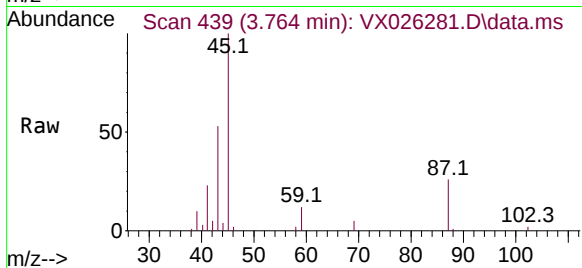




#23
 Vinyl Acetate
 Concen: 2.625 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX026281.D
 Acq: 04 Jan 2022 18:56

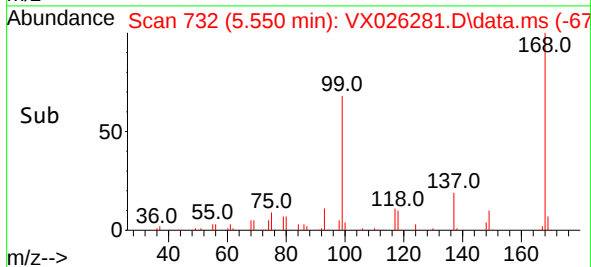
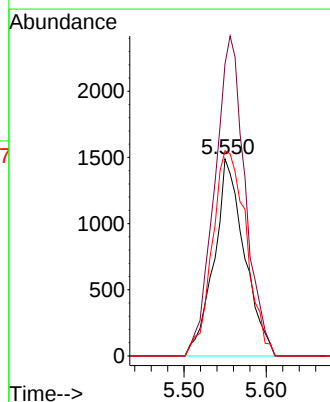
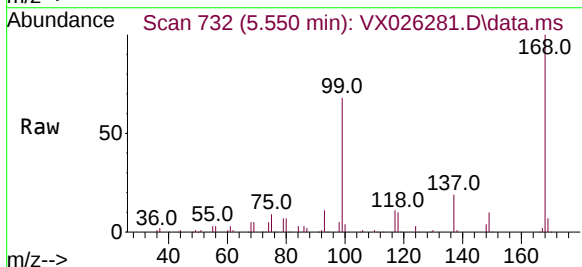
Instrument :
 MSVOA_X
 ClientSampleId :

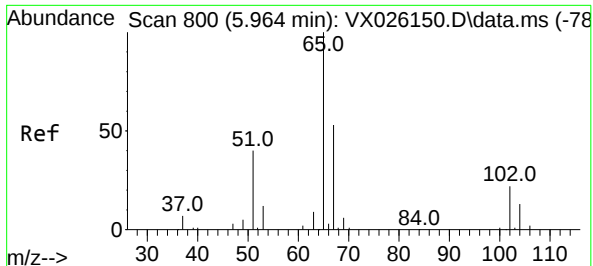
Tgt Ion: 43 Resp: 12841
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.6#



#31
 Cyclohexane
 Concen: 1.256 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.073 min
 Lab File: VX026281.D
 Acq: 04 Jan 2022 18:56

Tgt Ion: 56 Resp: 3817
 Ion Ratio Lower Upper
 56 100
 69 148.2 23.9 35.9#
 84 104.2 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 53.516 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026281.D

Acq: 04 Jan 2022 18:56

Instrument :

MSVOA_X

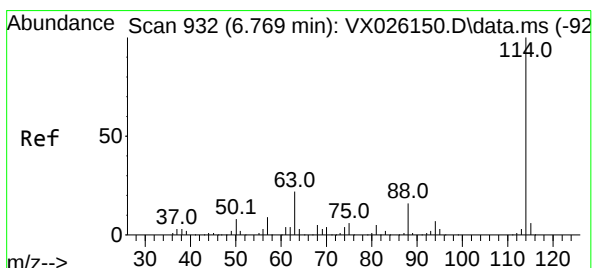
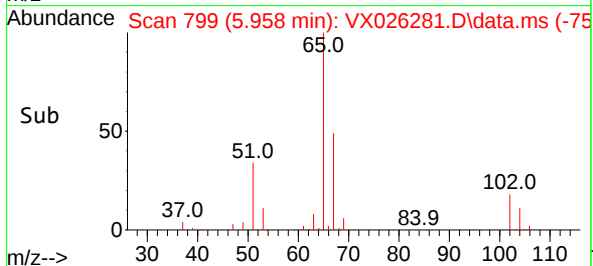
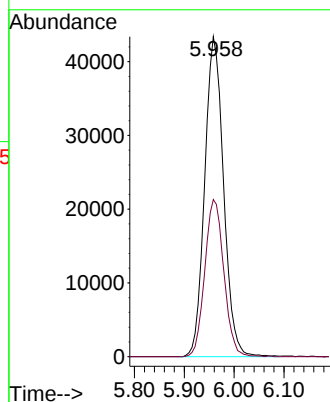
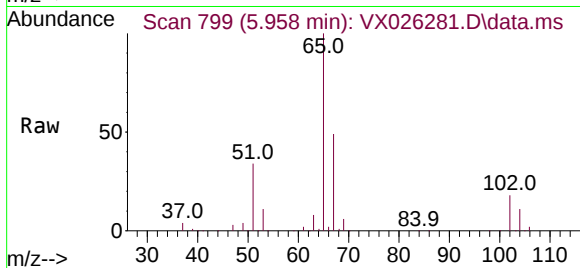
ClientSampleId :

Tgt Ion: 65 Resp: 114216

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026281.D

Acq: 04 Jan 2022 18:56

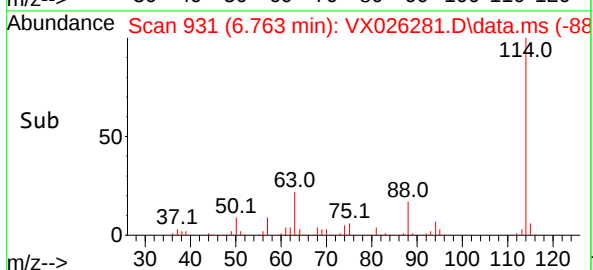
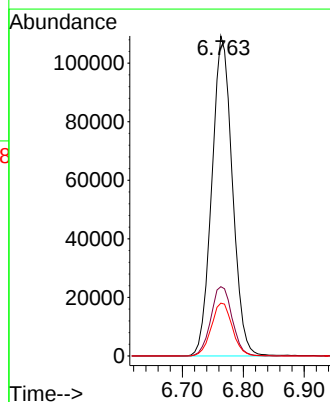
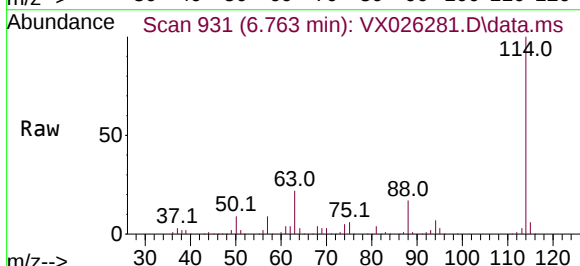
Tgt Ion: 114 Resp: 255628

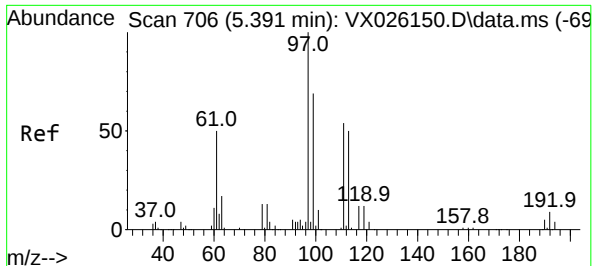
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

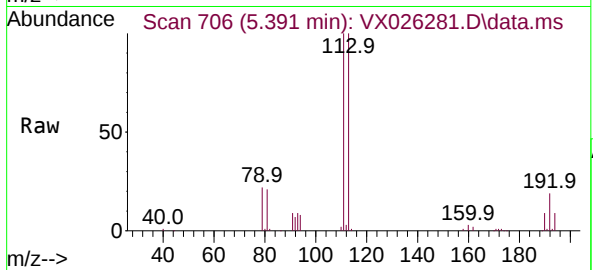
88 16.5 0.0 30.6



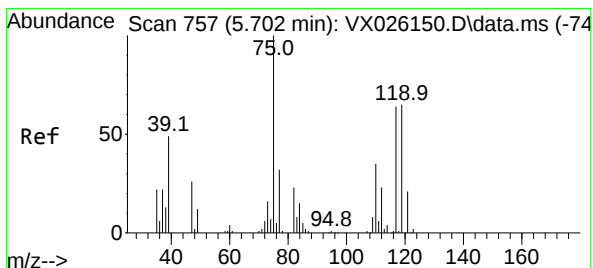
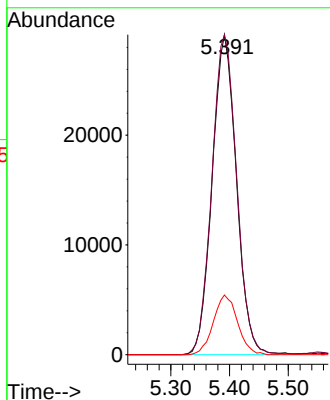
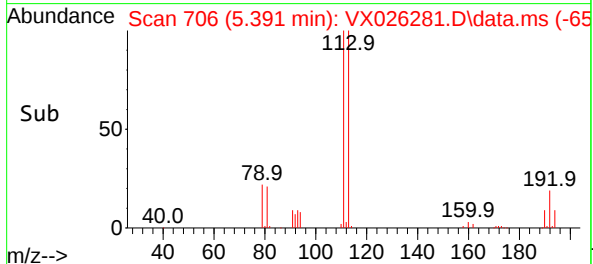


#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :

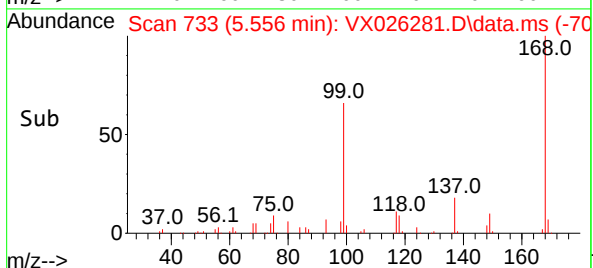
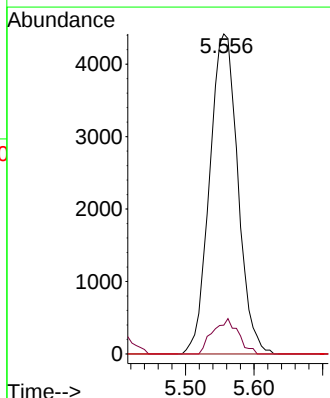
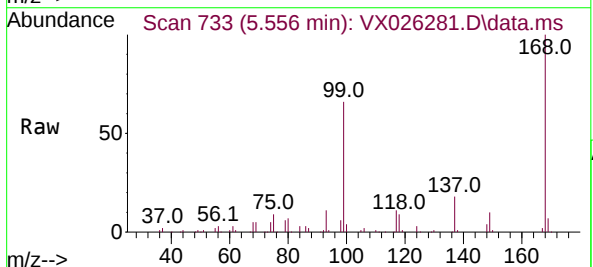


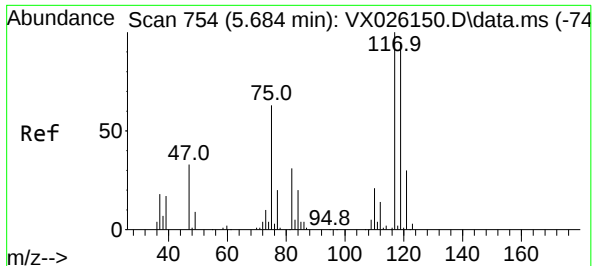
Tgt Ion:113 Resp: 83380
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 18.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

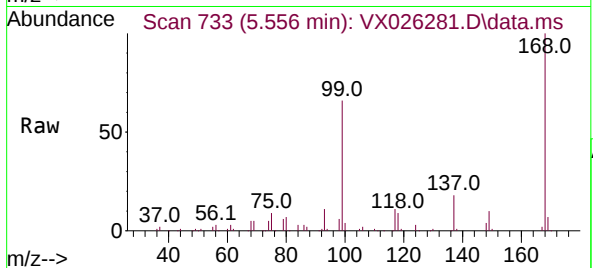
Tgt Ion: 75 Resp: 12630
Ion Ratio Lower Upper
75 100
110 9.9 18.2 54.6#
77 0.0 24.7 37.1#



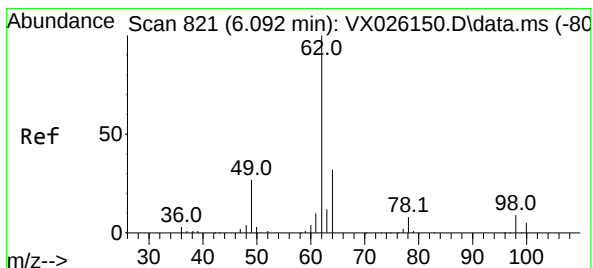
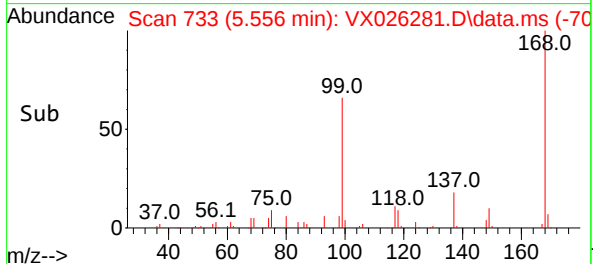
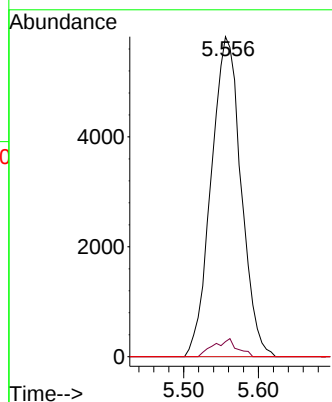


#38
Carbon Tetrachloride
Concen: 5.435 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :

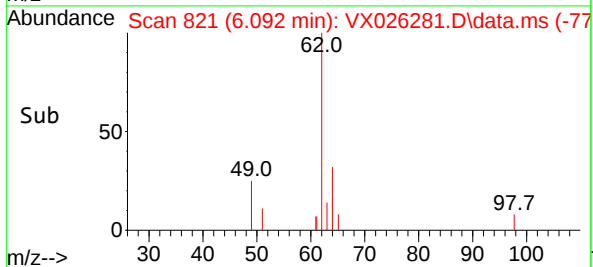
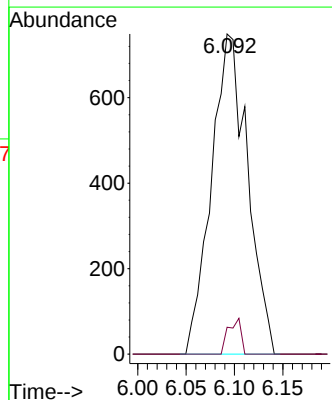
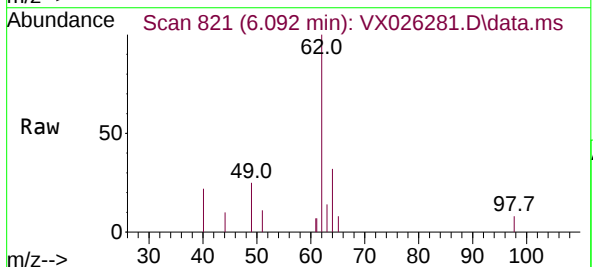


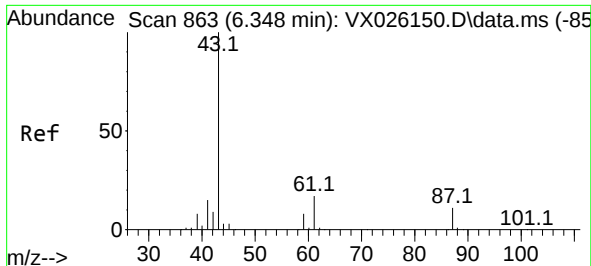
Tgt Ion:117 Resp: 16204
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 0.631 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 62 Resp: 1953
Ion Ratio Lower Upper
62 100
98 3.9 0.0 18.8

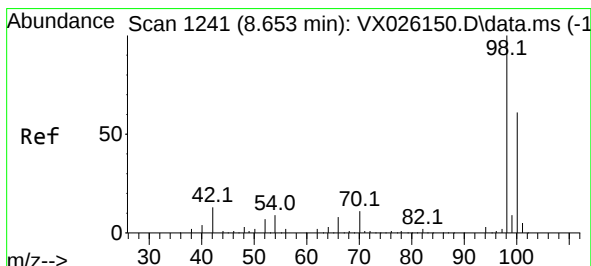
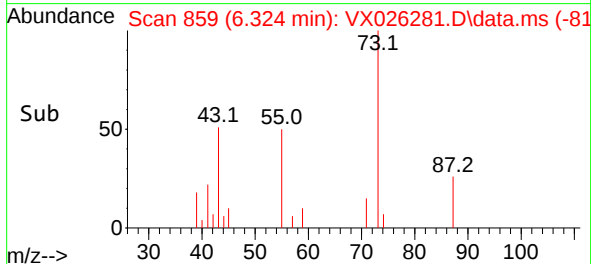
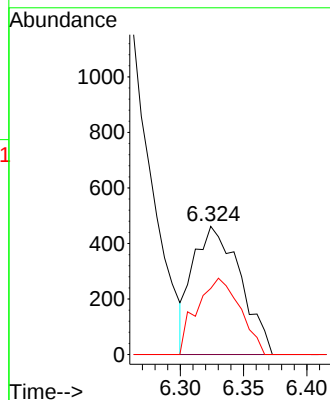
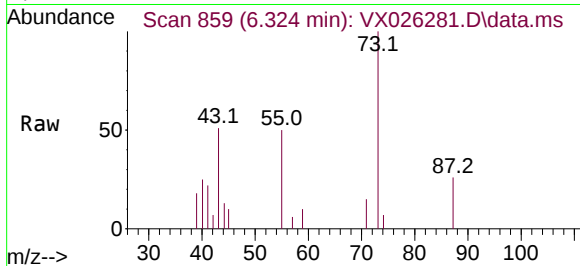




#43
Isopropyl Acetate
Concen: 0.237 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.024 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

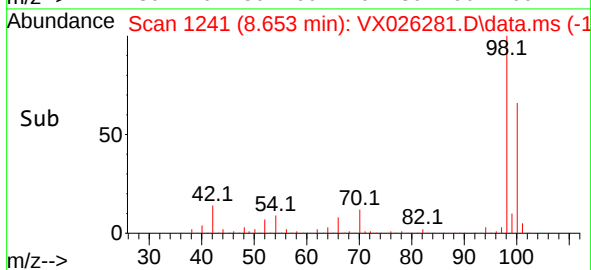
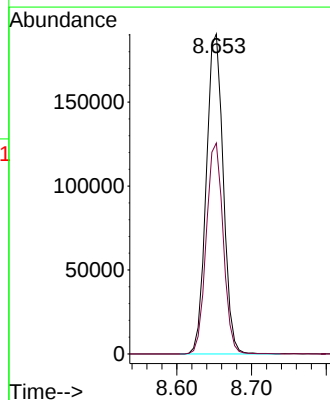
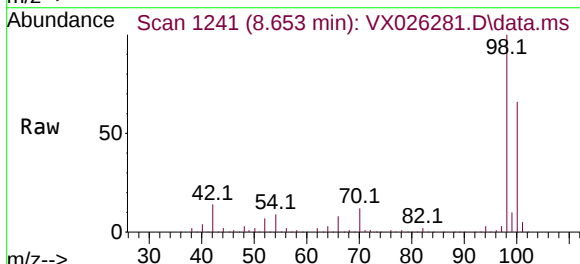
Instrument :
MSVOA_X
ClientSampleId :

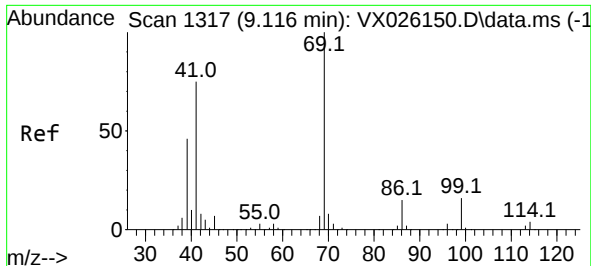
Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 54.3 11.2 16.8#



#50
Toluene-d8
Concen: 48.618 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 98 Resp: 300544
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

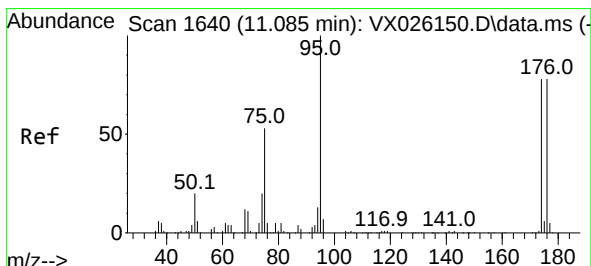
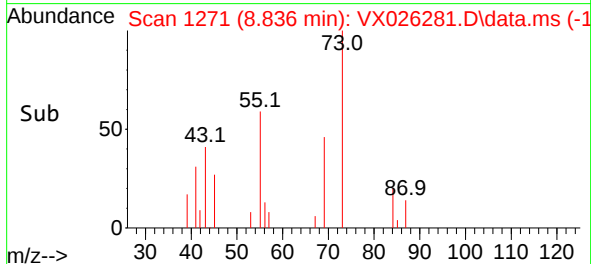
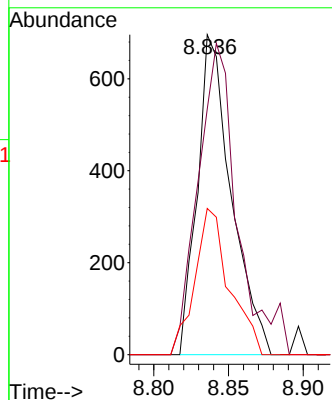
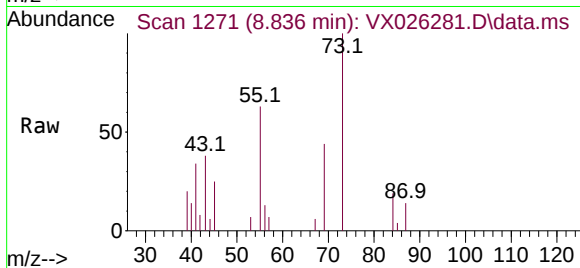




#56
Ethyl methacrylate
Concen: 0.368 ug/l
RT: 8.836 min Scan# 11
Delta R.T. -0.280 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

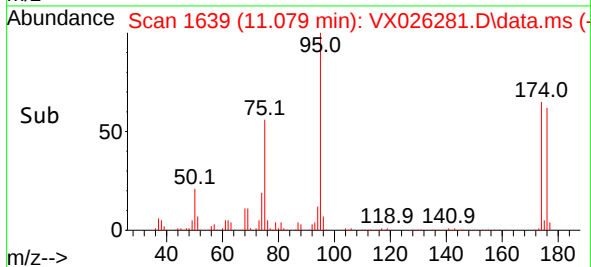
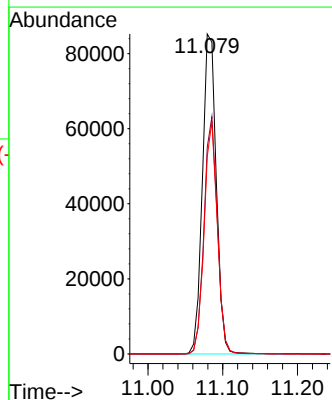
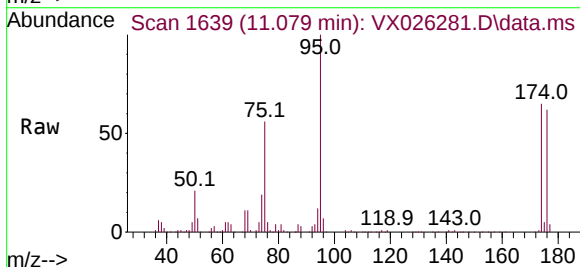
Instrument :
MSVOA_X
ClientSampleId :

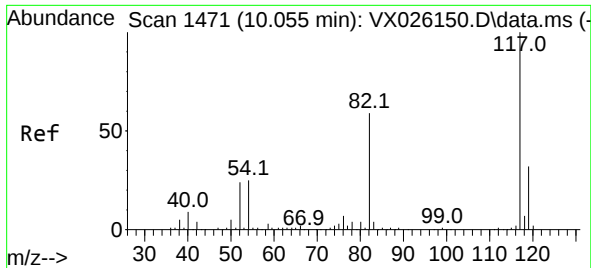
Tgt Ion: 69 Resp: 1098
Ion Ratio Lower Upper
69 100
41 110.1 52.8 79.2#
39 44.4 32.5 48.7



#62
4-Bromofluorobenzene
Concen: 50.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 95 Resp: 110061
Ion Ratio Lower Upper
95 100
174 71.0 0.0 157.4
176 69.0 0.0 154.6

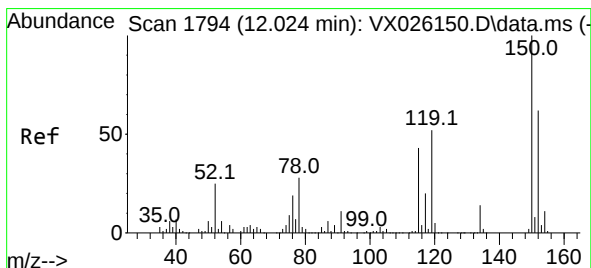
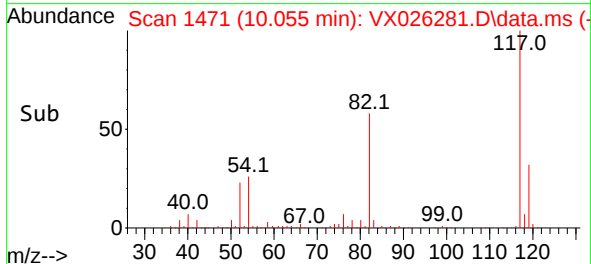
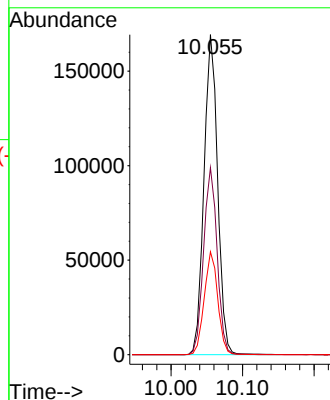
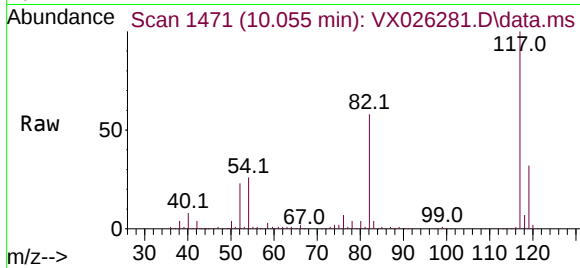




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

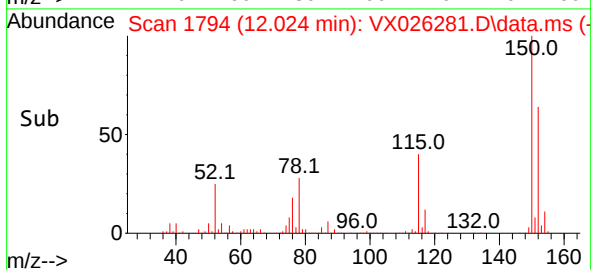
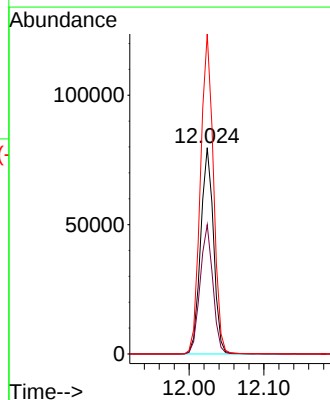
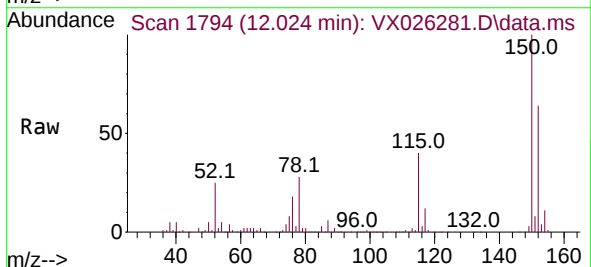
Instrument :
MSVOA_X
ClientSampleId :

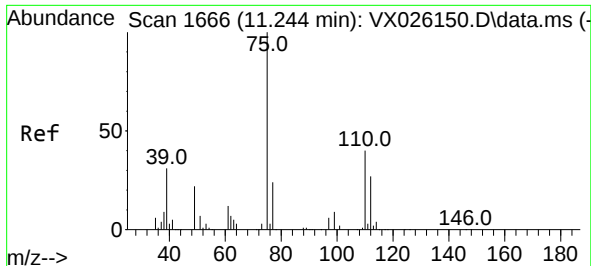
Tgt Ion:117 Resp: 224751
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion:152 Resp: 95190
Ion Ratio Lower Upper
152 100
115 62.3 41.3 123.9
150 156.2 0.0 351.8

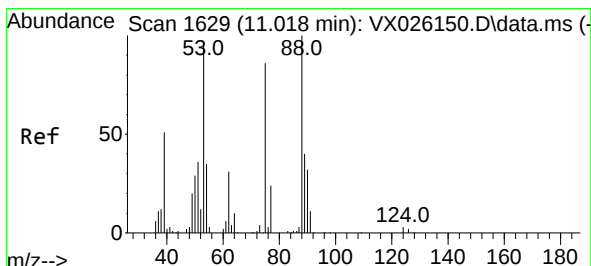
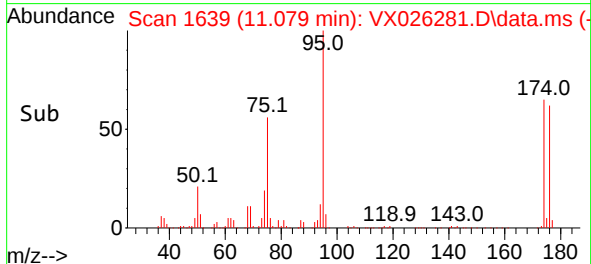
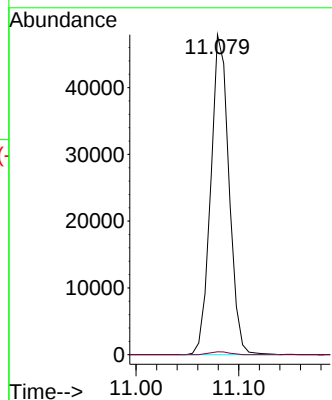
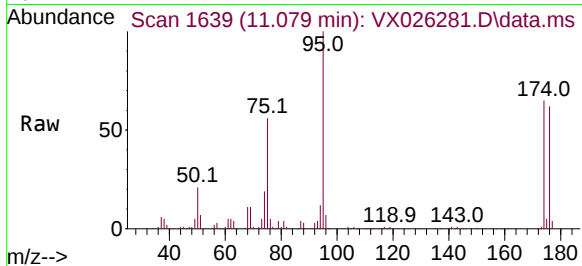




#76
1,2,3-Trichloropropane
Concen: 25.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59070
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 75 Resp: 59070
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

