

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026875.D
 Acq On : 09 Feb 2022 17:43
 Operator : JC/MD
 Sample : N1431-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:08:24 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)

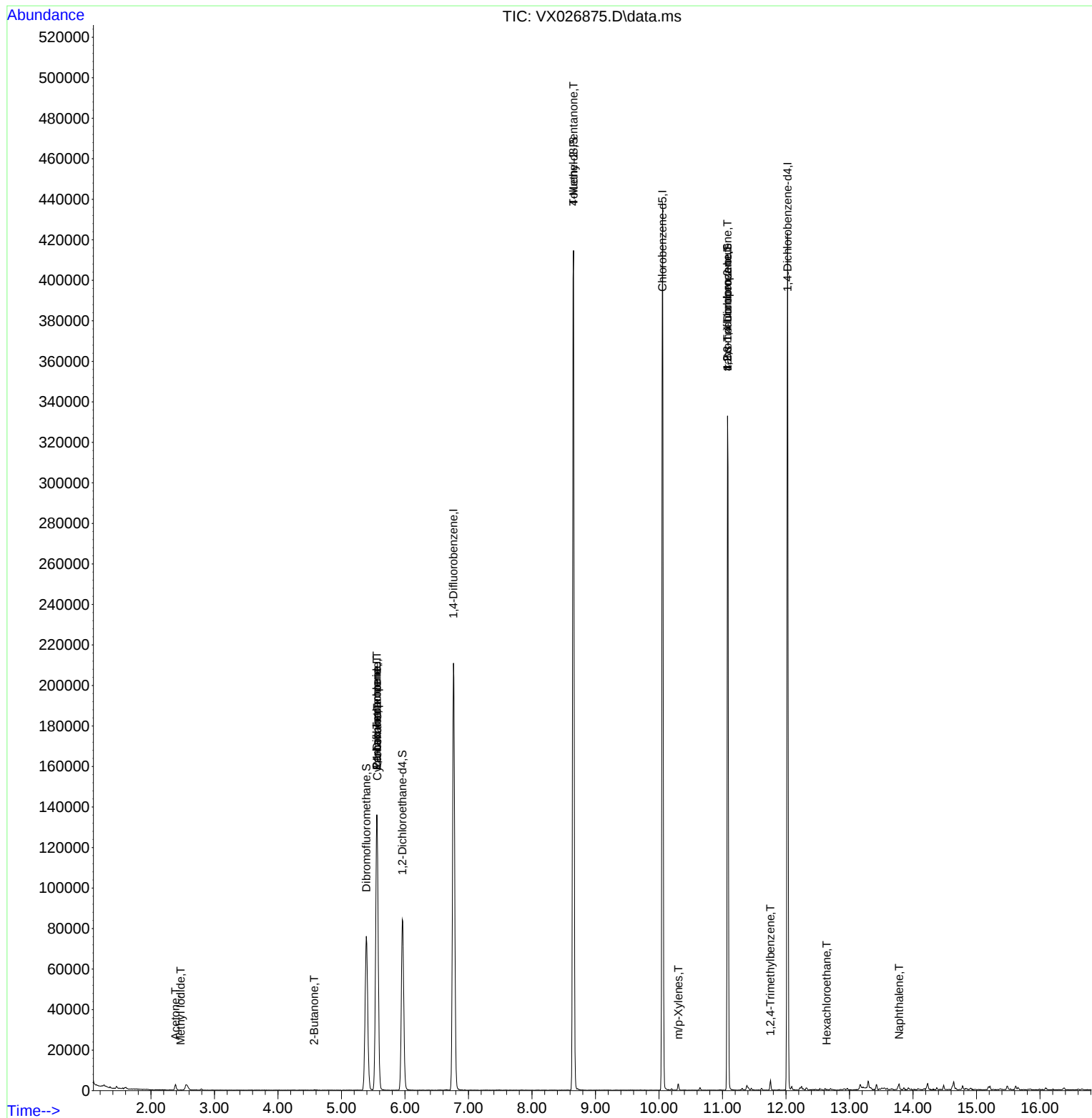
Internal Standards						
1) Pentafluorobenzene	5.556	168	129371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81321	52.365	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.720%	
35) Dibromofluoromethane	5.391	113	66418	51.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	8.653	98	251977	52.945	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	11.079	95	93154	55.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.200%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	90	2.301	ug/l #	37
16) Acetone	2.386	43	3099	4.543	ug/l	94
25) 2-Butanone	4.568	43	414	0.377	ug/l #	50
31) Cyclohexane	5.562	56	2566	1.040	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9505	4.647	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13220	6.164	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1142	0.527	ug/l #	1
68) m/p-Xylenes	10.305	106	775	0.281	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	45675	24.337	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45675	74.322	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2249	0.401	ug/l	97
90) Hexachloroethane	12.640	117	180	0.219	ug/l #	14
95) Naphthalene	13.780	128	1712	0.273	ug/l #	95

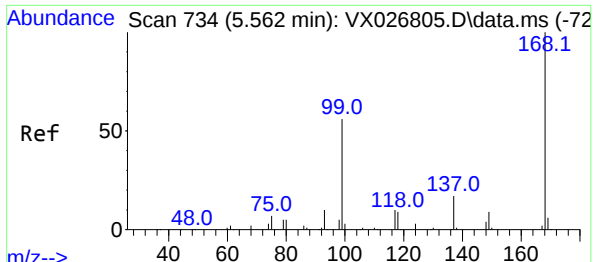
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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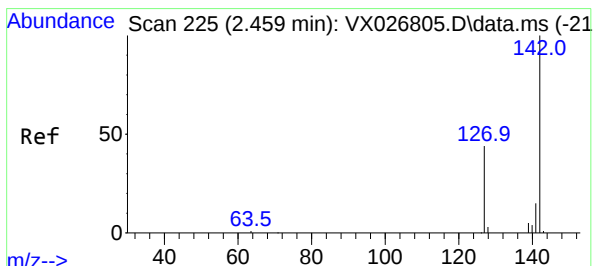
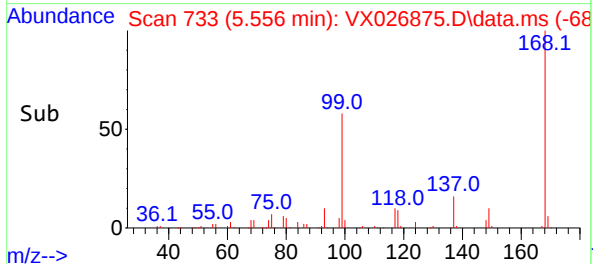
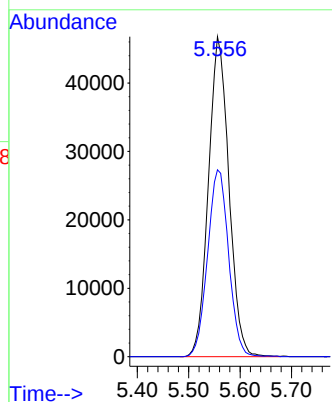
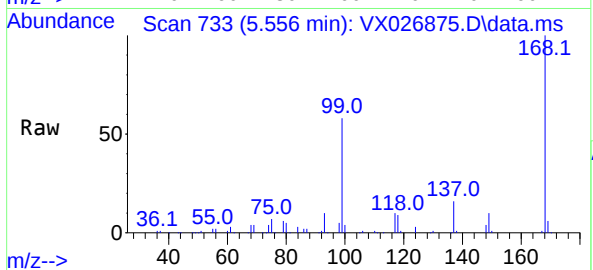




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

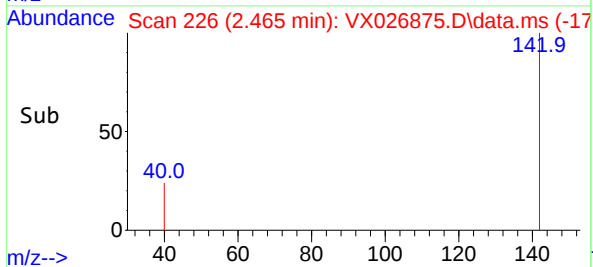
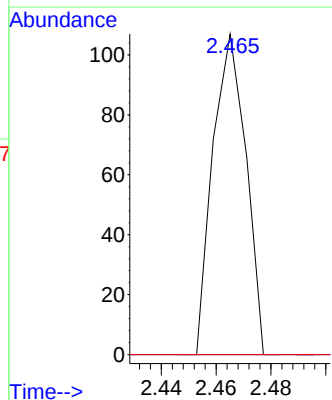
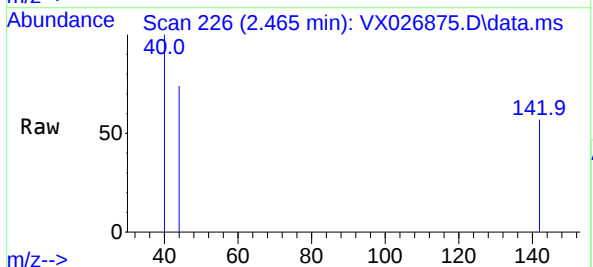
Instrument :
MSVOA_X
ClientSampleId :

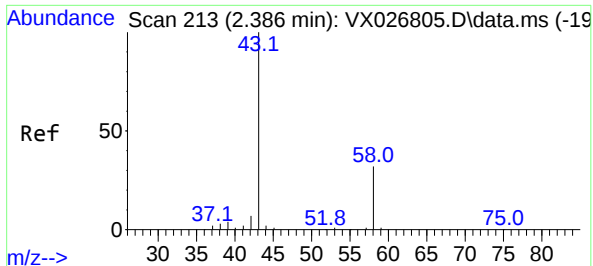
Tgt Ion:168 Resp: 129371
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#10
Methyl Iodide
Concen: 2.301 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Tgt Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

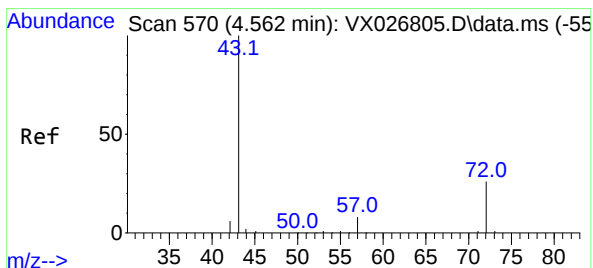
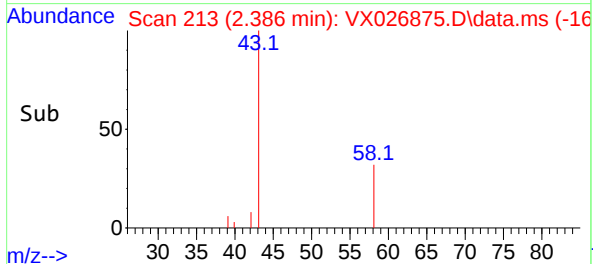
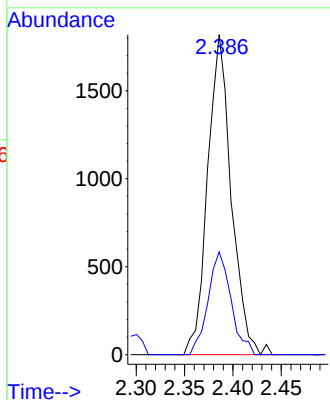
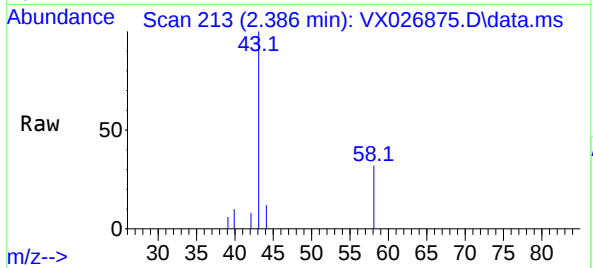




#16
Acetone
Concen: 4.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

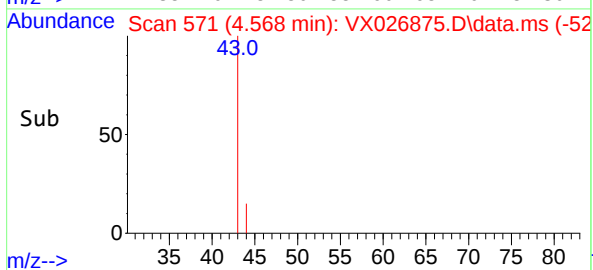
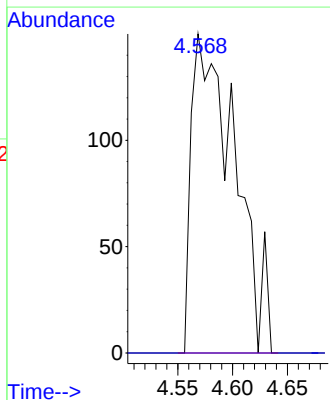
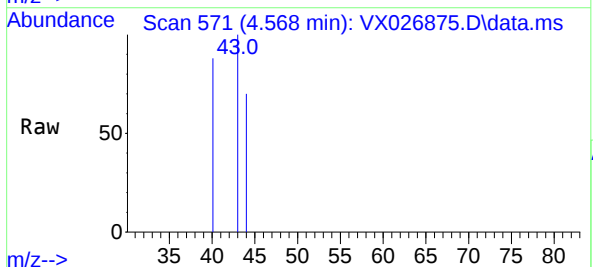
Instrument :
MSVOA_X
ClientSampleId :

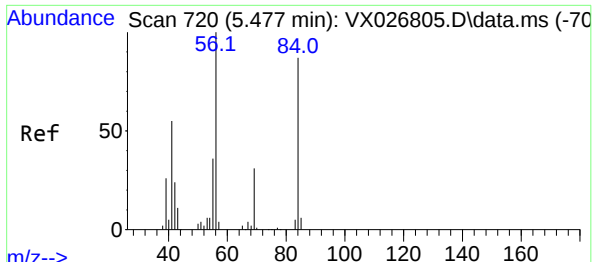
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
58 32.1 23.0 34.6



#25
2-Butanone
Concen: 0.377 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

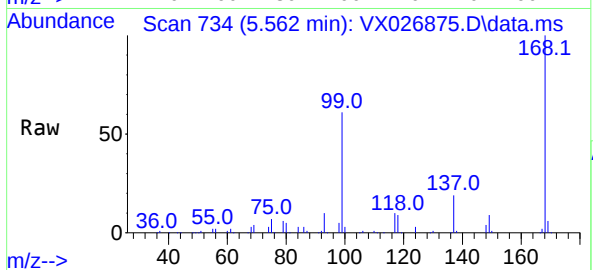
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



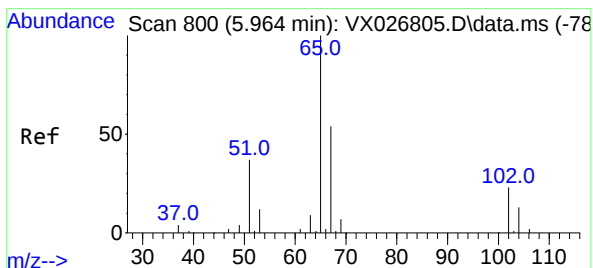
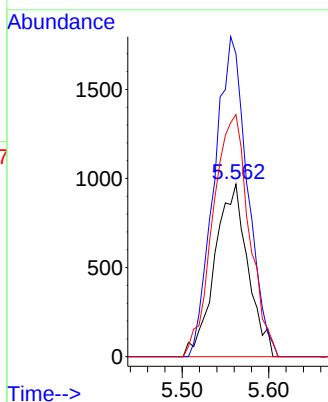
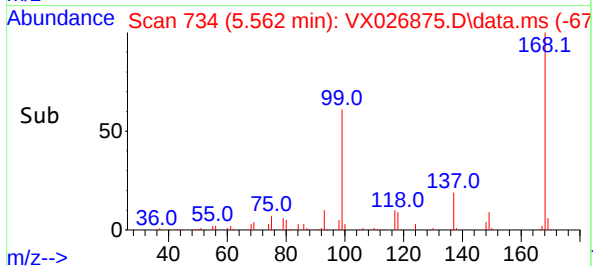


#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :

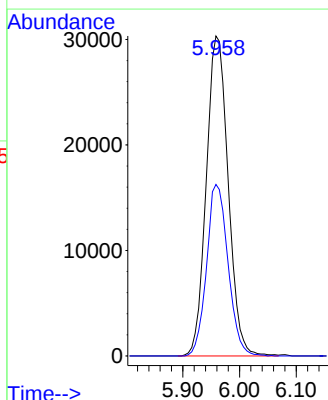
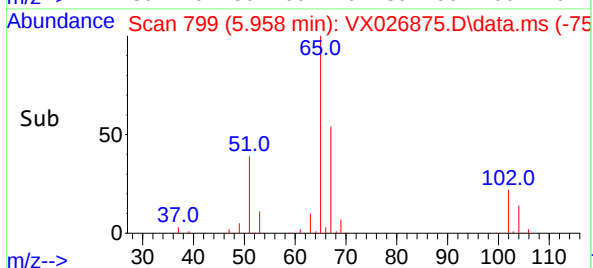
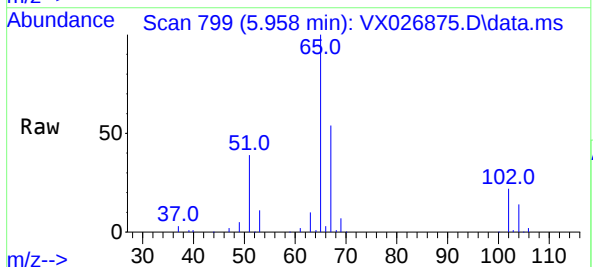


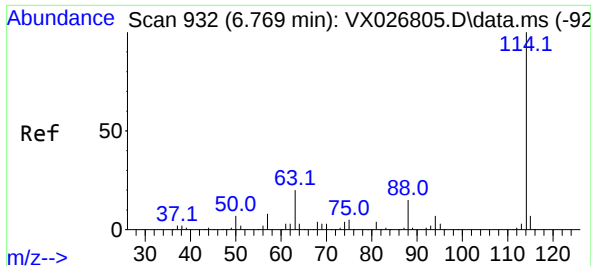
Tgt Ion: 56 Resp: 2566
Ion Ratio Lower Upper
56 100
69 175.6 25.8 38.6#
84 140.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.365 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

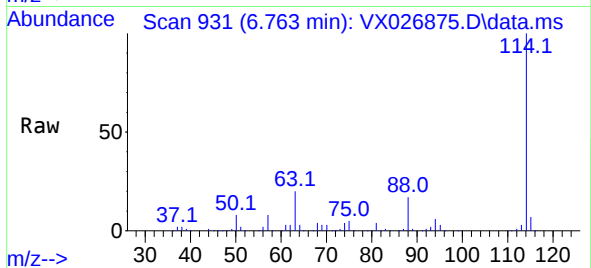
Tgt Ion: 65 Resp: 81321
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.8



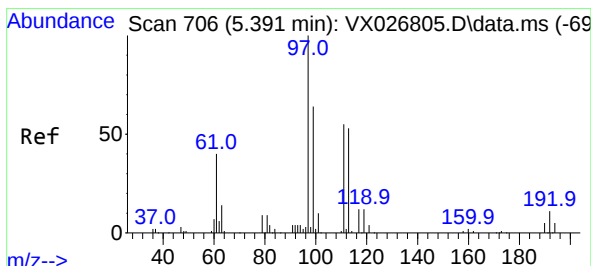
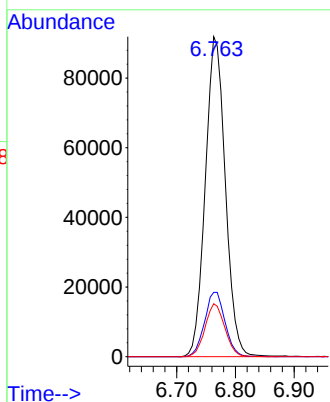
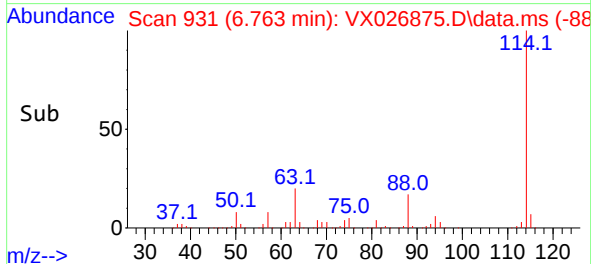


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

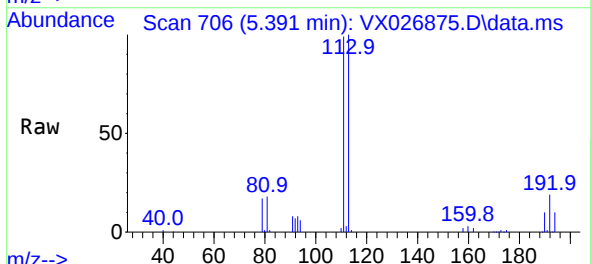
Instrument :
MSVOA_X
ClientSampleId :



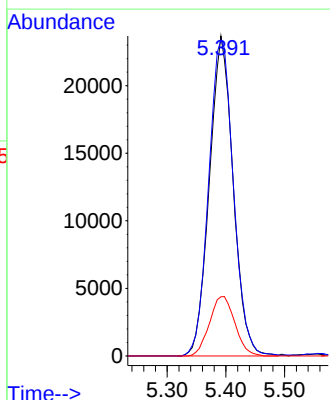
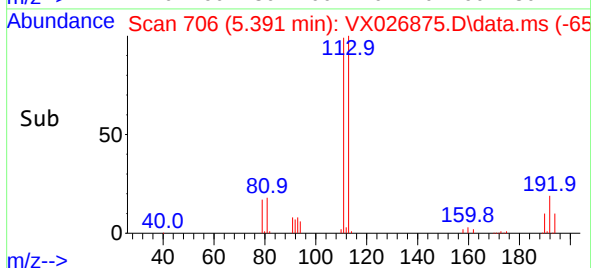
Tgt Ion:114 Resp: 217619
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 16.5 0.0 33.0

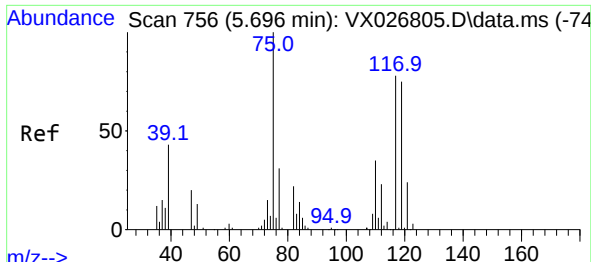


#35
Dibromofluoromethane
Concen: 51.228 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43



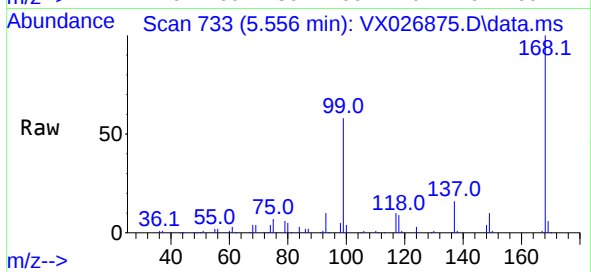
Tgt Ion:113 Resp: 66418
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.9 15.0 22.4



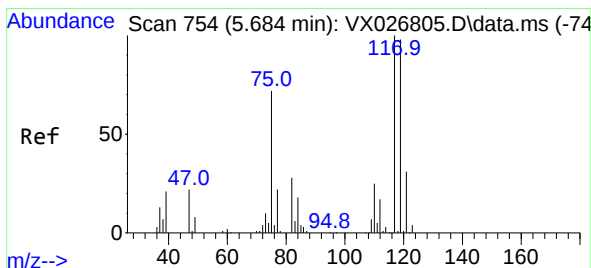
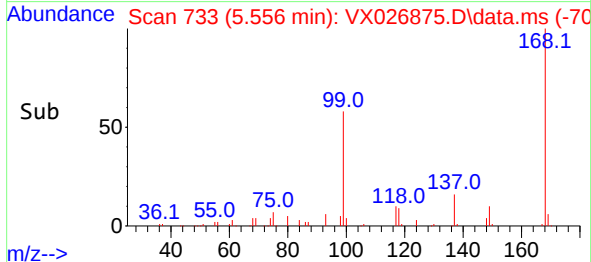
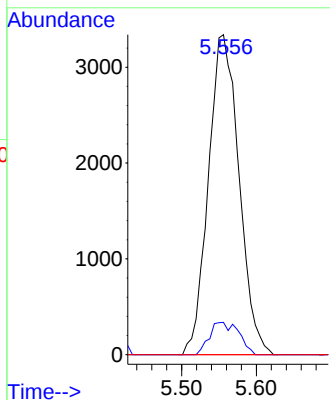


#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :

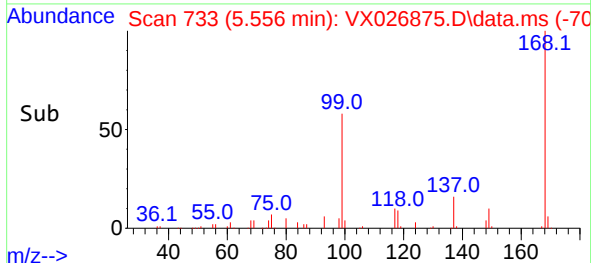
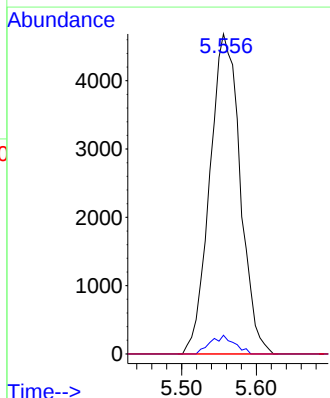
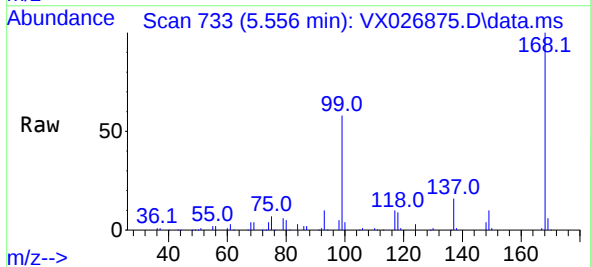


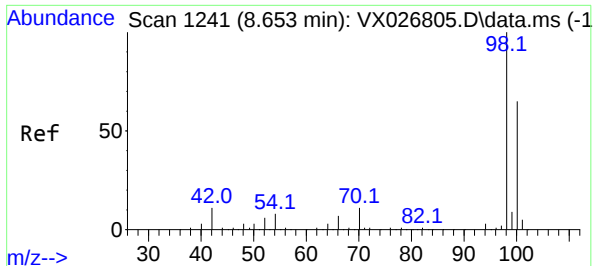
Tgt Ion: 75 Resp: 9505
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.164 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Tgt Ion: 117 Resp: 13220
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.4 38.0#

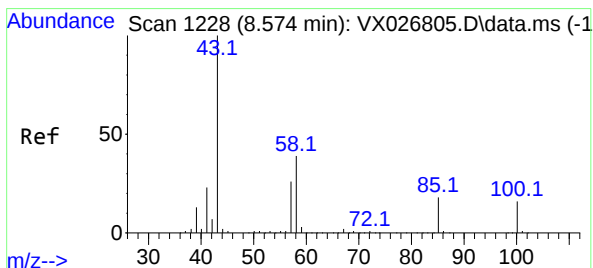
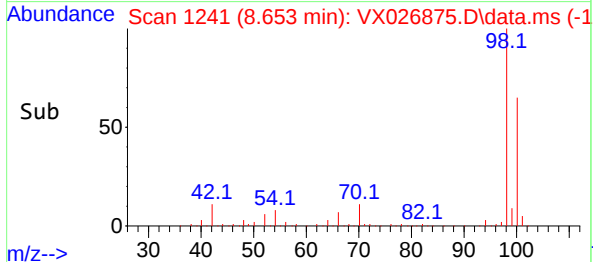
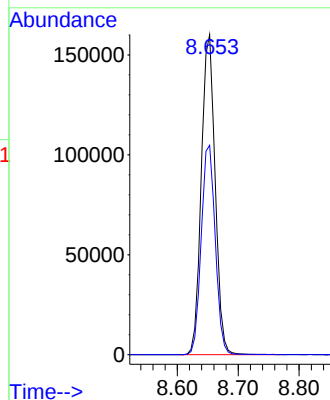
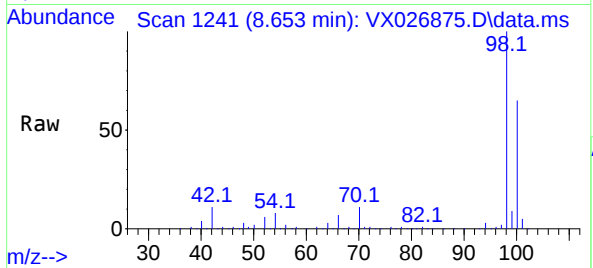




#50
Toluene-d8
Concen: 52.945 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

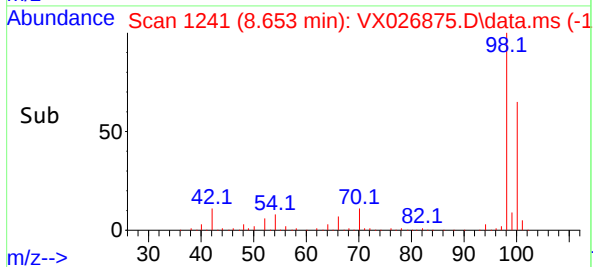
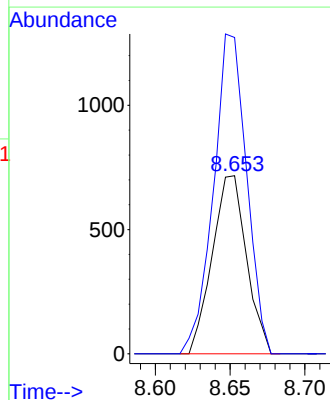
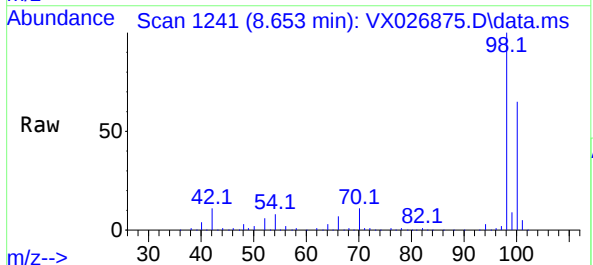
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MSVOA_X
ClientSampleId :

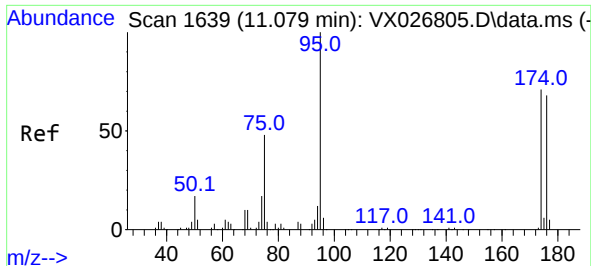
Tgt Ion: 98 Resp: 251977
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 173.7 30.5 45.7#

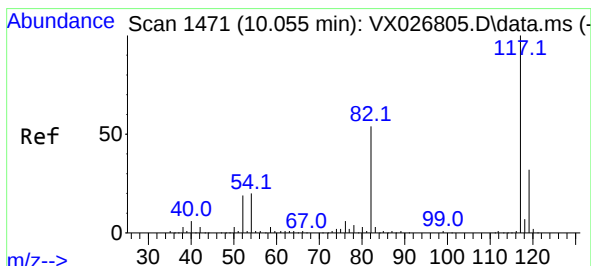
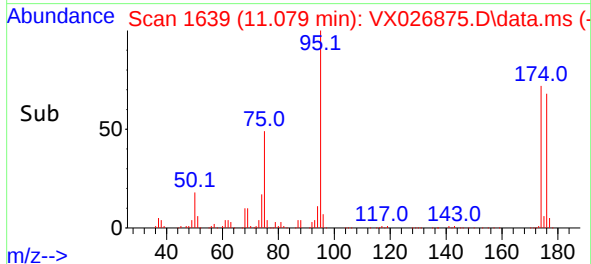
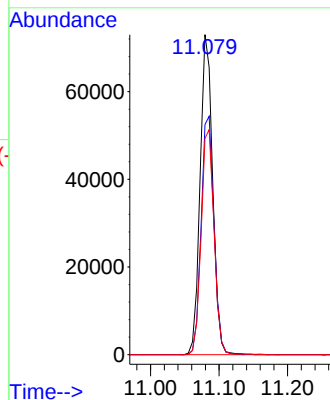
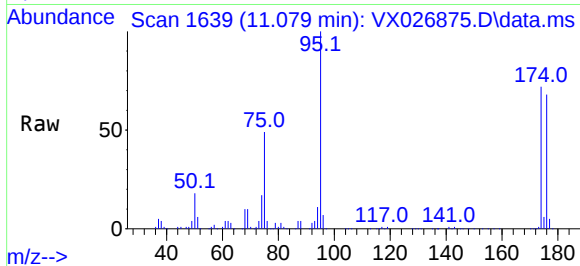




#62
4-Bromofluorobenzene
Concen: 55.596 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

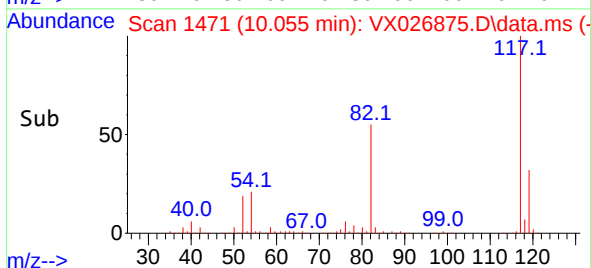
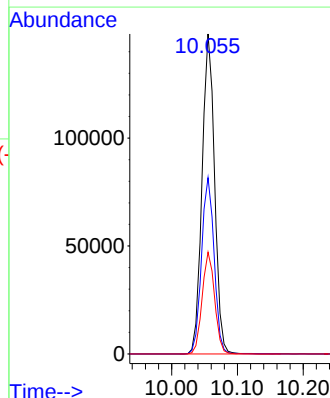
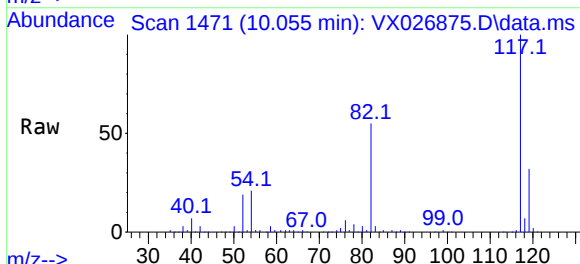
Instrument :
MSVOA_X
ClientSampleId :

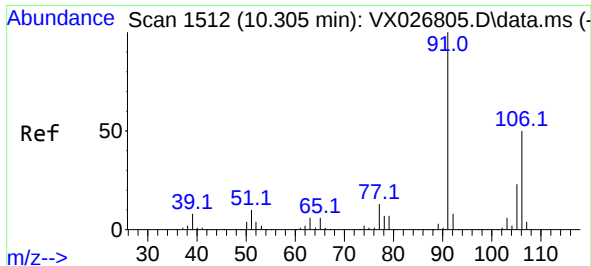
Tgt Ion: 95 Resp: 93154
Ion Ratio Lower Upper
95 100
174 76.1 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Tgt Ion: 117 Resp: 196130
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 31.8 26.2 39.2

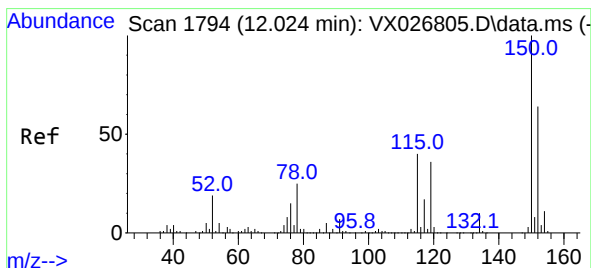
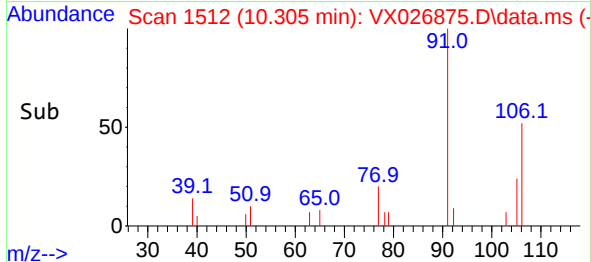
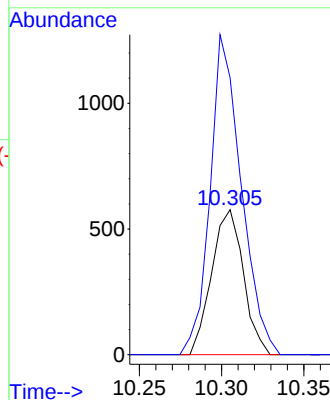
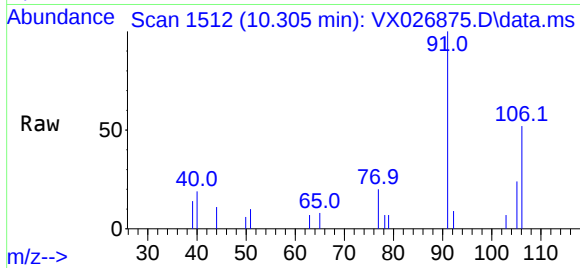




#68
 m/p-Xylenes
 Concen: 0.281 ug/l
 RT: 10.305 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026875.D
 Acq: 09 Feb 2022 17:43

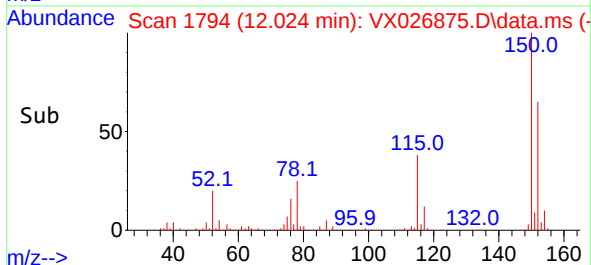
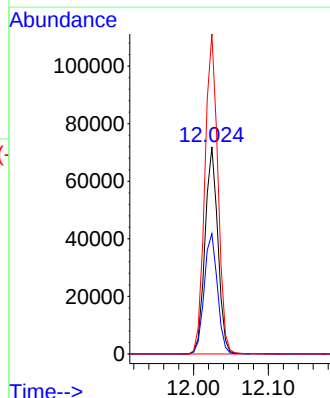
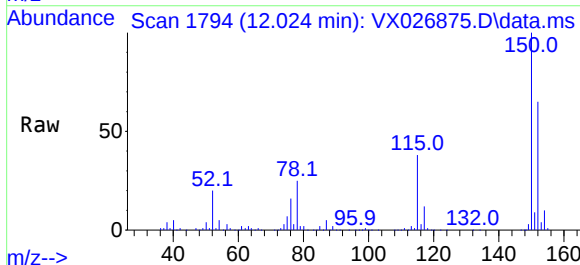
Instrument :
 MSVOA_X
 ClientSampleId :

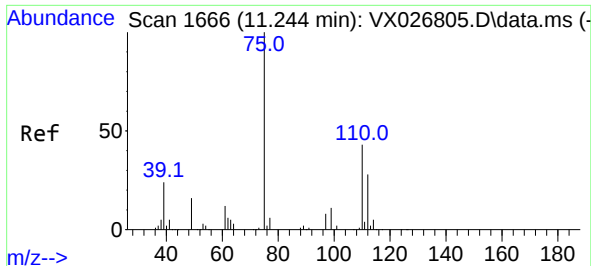
Tgt Ion:106 Resp: 775
 Ion Ratio Lower Upper
 106 100
 91 216.4 165.3 247.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX026875.D
 Acq: 09 Feb 2022 17:43

Tgt Ion:152 Resp: 85736
 Ion Ratio Lower Upper
 152 100
 115 59.8 44.2 132.6
 150 157.0 0.0 348.2

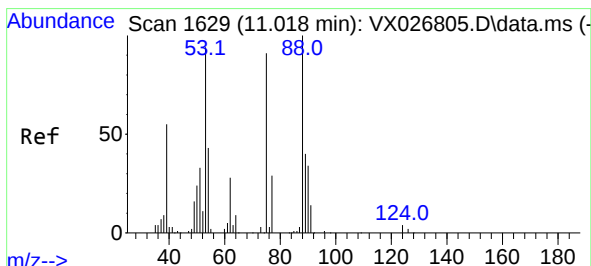
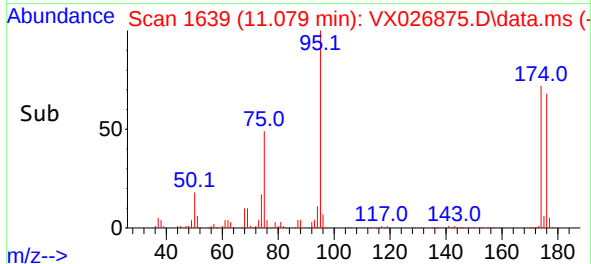
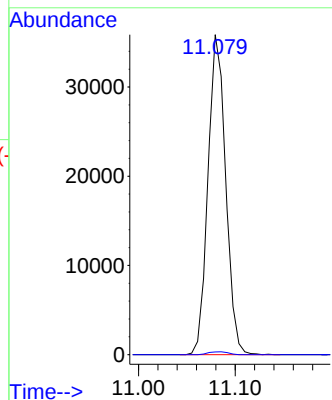
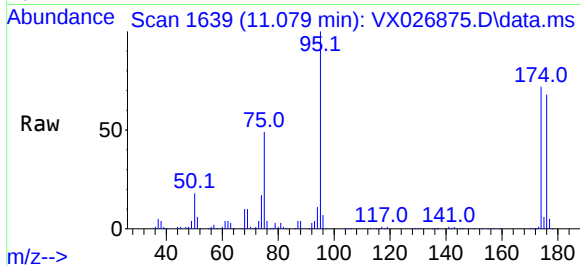




#76
1,2,3-Trichloropropane
Concen: 24.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

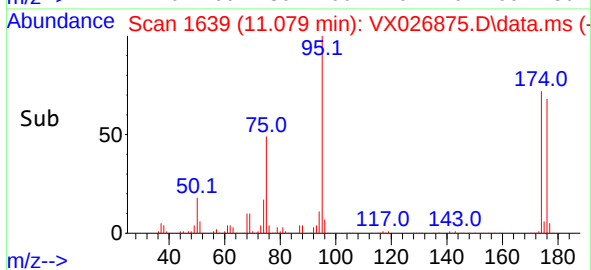
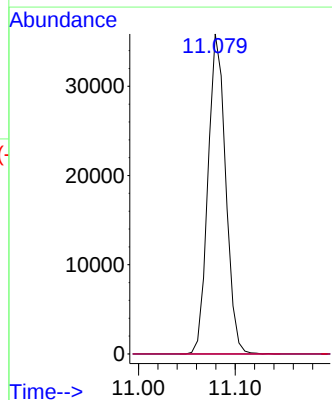
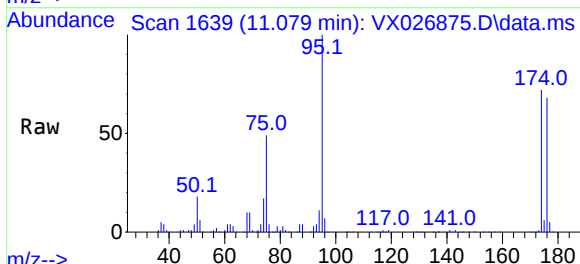
Instrument :
MSVOA_X
ClientSampleId :

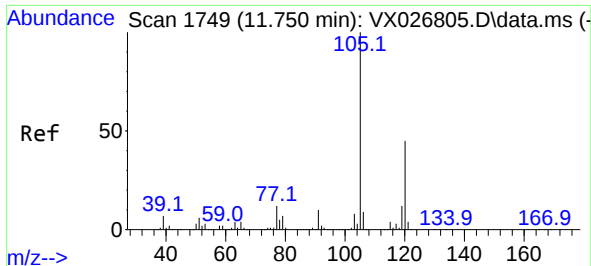
Tgt Ion: 75 Resp: 45675
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

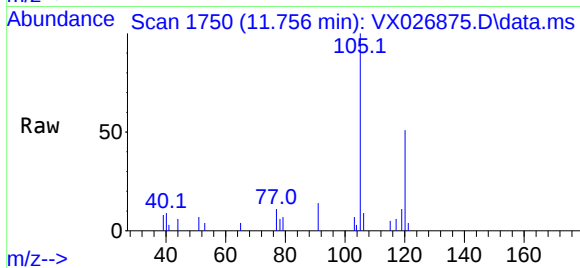
Tgt Ion: 75 Resp: 45675
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



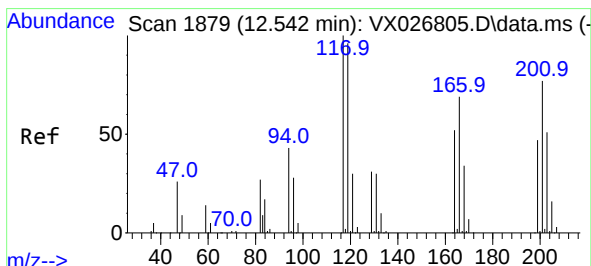
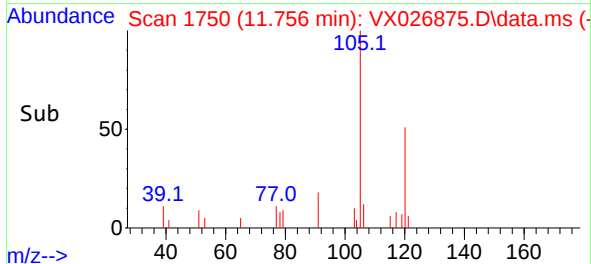
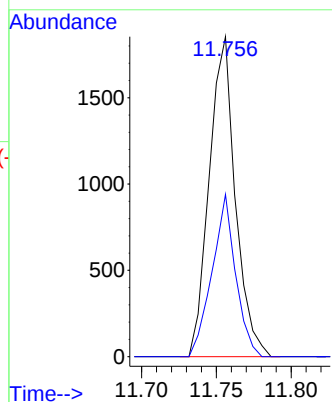


#84
1,2,4-Trimethylbenzene
Concen: 0.401 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :

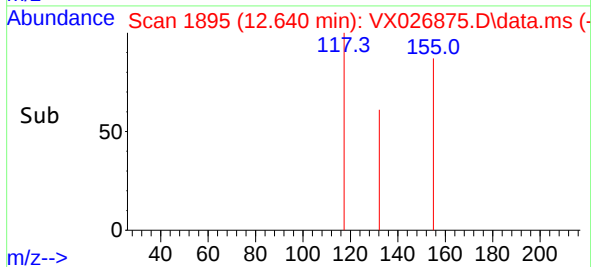
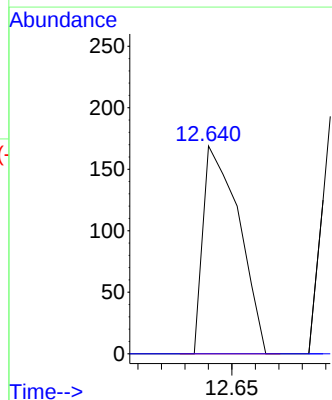
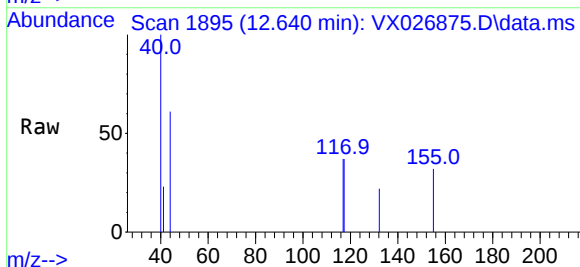


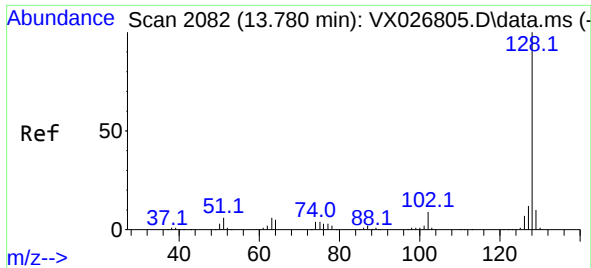
Tgt Ion:105 Resp: 2249
Ion Ratio Lower Upper
105 100
120 45.8 21.9 65.5



#90
Hexachloroethane
Concen: 0.219 ug/l
RT: 12.640 min Scan# 1895
Delta R.T. 0.098 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

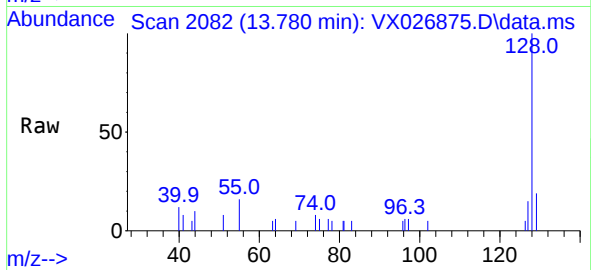
Tgt Ion:117 Resp: 180
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#





#95
Naphthalene
Concen: 0.273 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026875.D
Acq: 09 Feb 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1712
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 14.9 8.7 13.1#

