

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024429.D
 Acq On : 22 Sep 2021 12:54
 Operator : JC/MD
 Sample : VX0922WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBL01

Quant Time: Sep 22 14:15:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

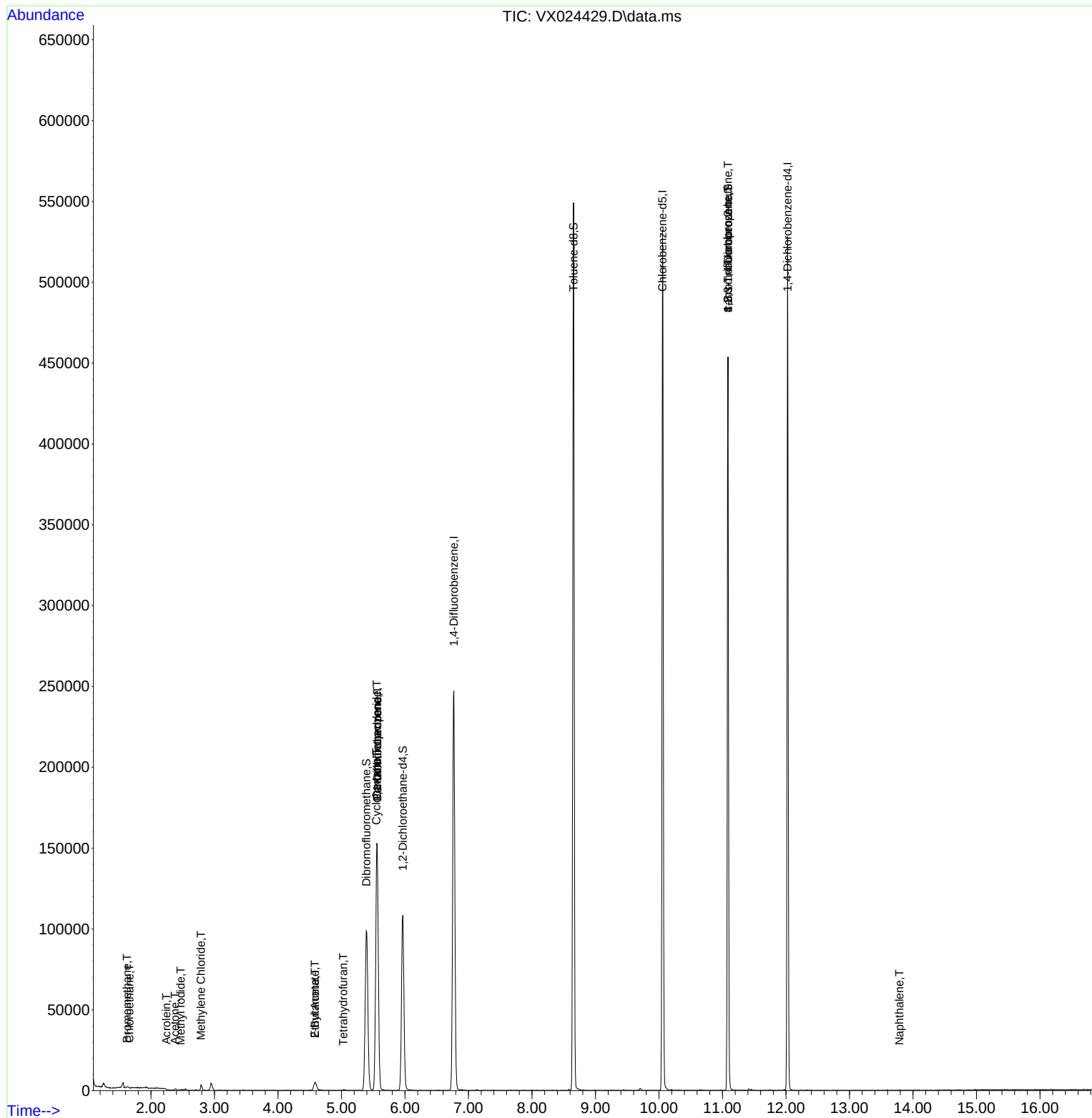
Internal Standards						
1) Pentafluorobenzene	5.562	168	142179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111090	54.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.580%	
35) Dibromofluoromethane	5.391	113	84821	52.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.040%	
50) Toluene-d8	8.653	98	312682	52.636	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.280%	
62) 4-Bromofluorobenzene	11.085	95	115534	49.975	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	508	0.601	ug/l #	67
6) Chloroethane	1.660	64	446	0.475	ug/l #	43
10) Methyl Iodide	2.465	142	574	0.296	ug/l #	91
11) Tert butyl alcohol	2.953	59	2858	Below Cal	#	73
13) Acrolein	2.240	56	28	0.210	ug/l	99
16) Acetone	2.380	43	968	1.120	ug/l #	86
20) Methylene Chloride	2.788	84	1331	0.802	ug/l #	86
25) 2-Butanone	4.581	43	537	0.422	ug/l #	45
29) Tetrahydrofuran	5.026	42	263	0.330	ug/l #	33
31) Cyclohexane	5.550	56	3196	1.348	ug/l #	31
36) 1,1-Dichloropropene	5.562	75	11228	5.023	ug/l #	50
37) Ethyl Acetate	4.581	43	537	0.206	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15353	6.102	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	62126	26.067	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	62126	76.662	ug/l #	12
95) Naphthalene	13.786	128	277	1.323	ug/l #	69

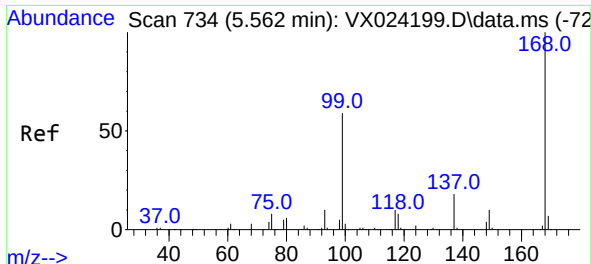
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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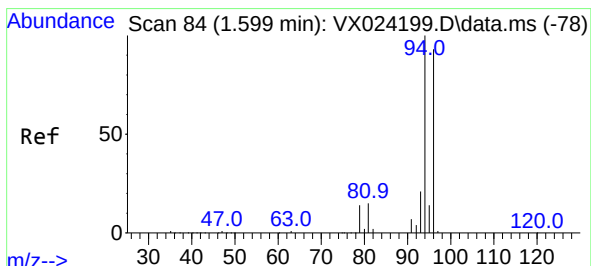
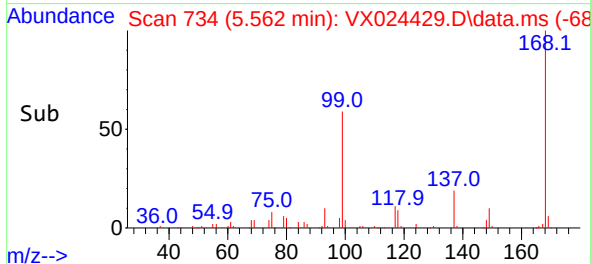
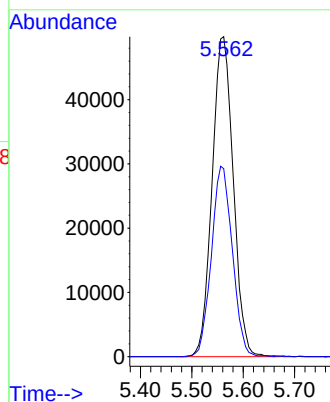
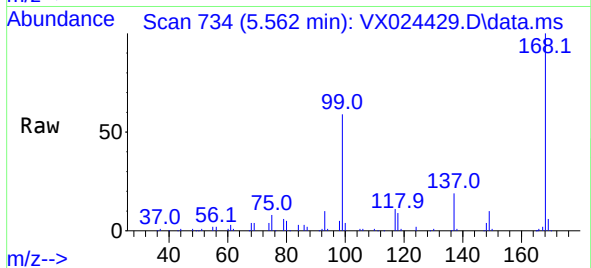




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

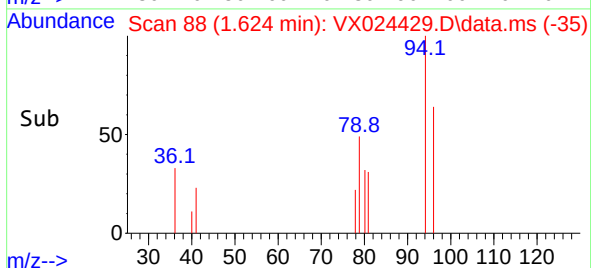
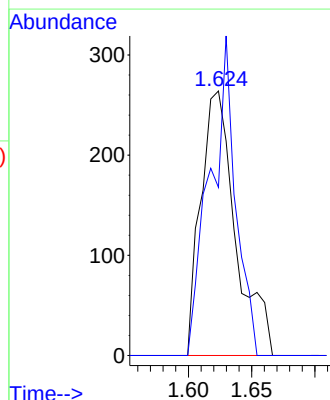
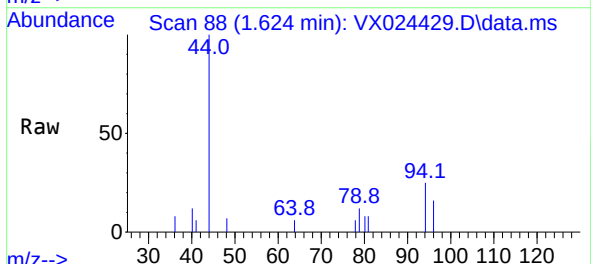
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

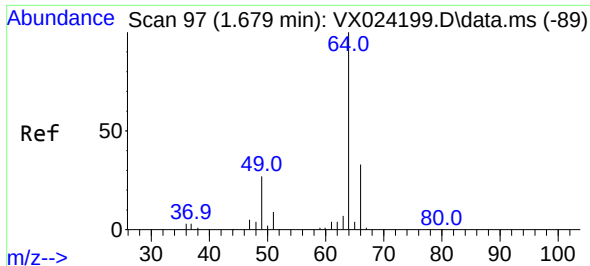
Tgt Ion:168 Resp: 142179
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: 0.601 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 94 Resp: 508
Ion Ratio Lower Upper
94 100
96 63.6 76.4 114.6#

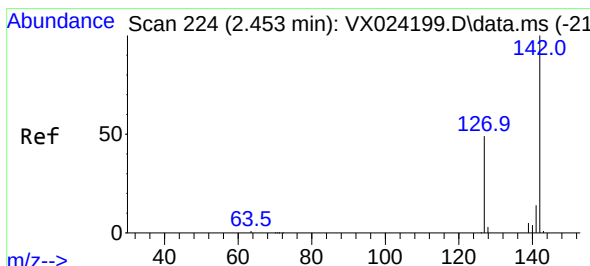
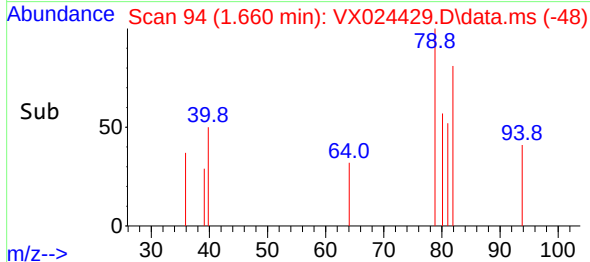
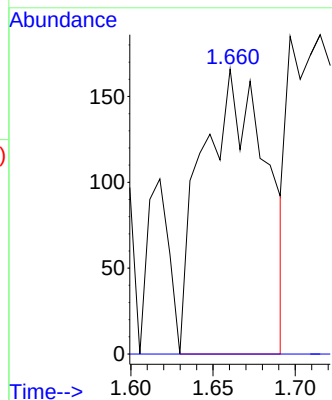
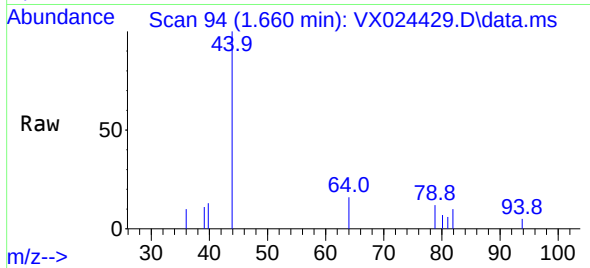




#6
Chloroethane
Concen: 0.475 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

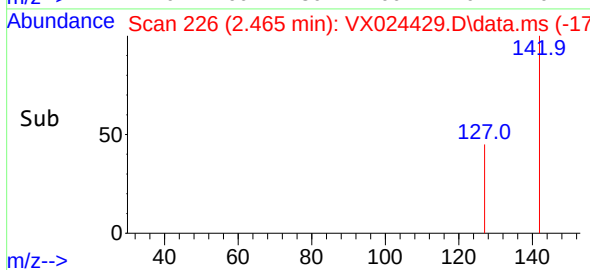
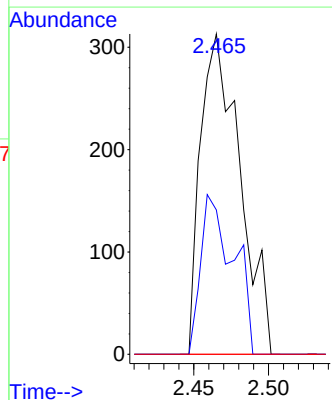
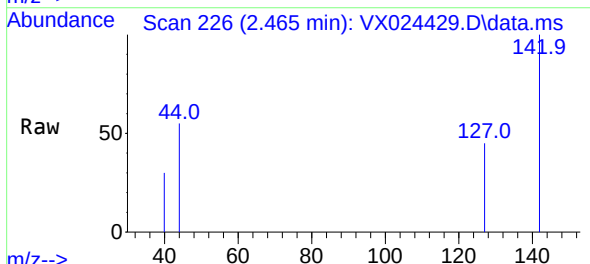
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

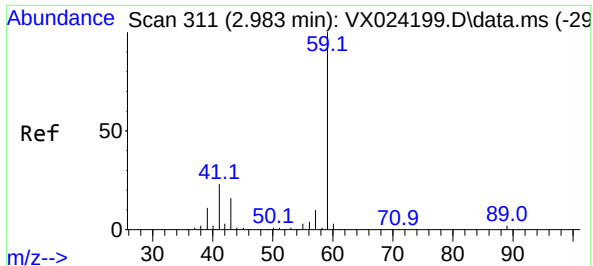
Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.296 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 142 Resp: 574
Ion Ratio Lower Upper
142 100
127 41.3 33.3 49.9
141 0.0 11.4 17.0#



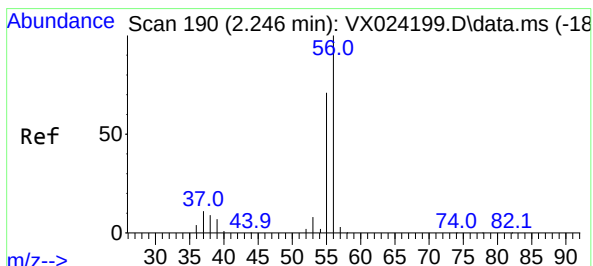
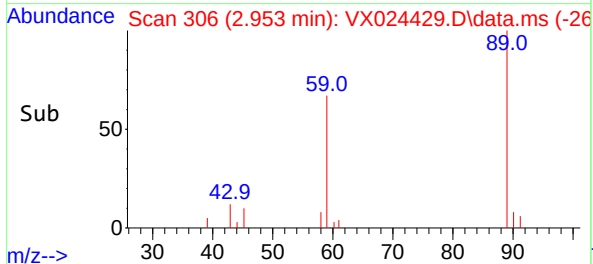
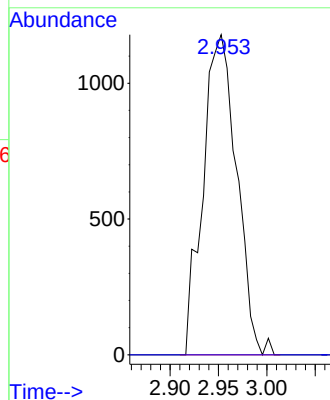
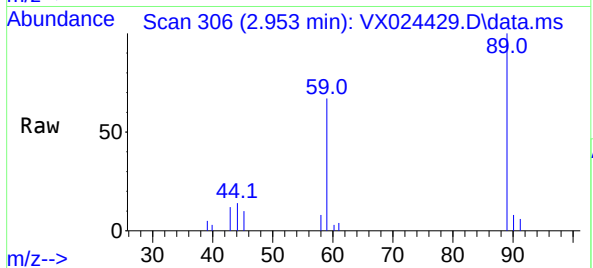


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

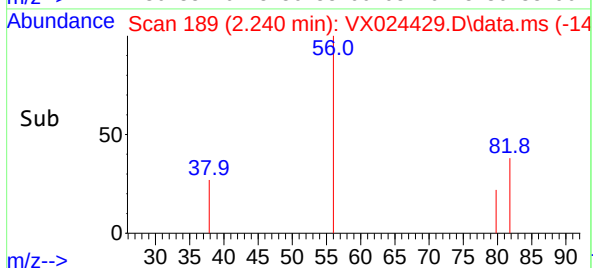
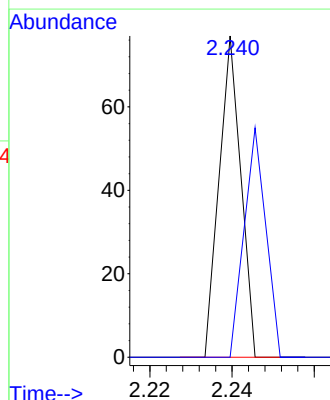
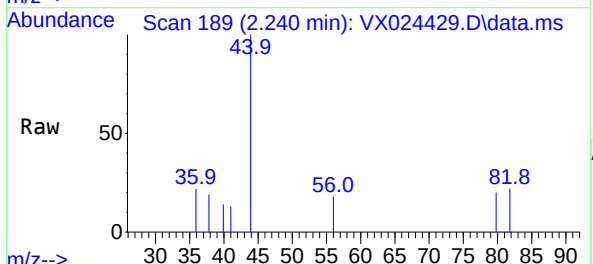
Tgt Ion: 59 Resp: 2858
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

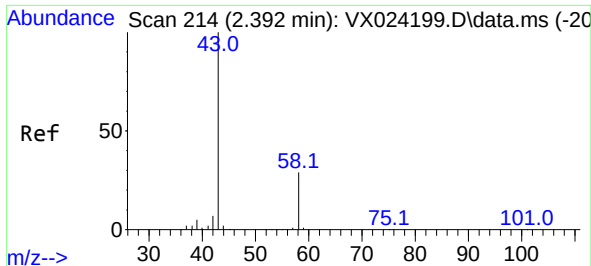


#13

Acrolein
Concen: 0.210 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 71.4 56.4 84.6

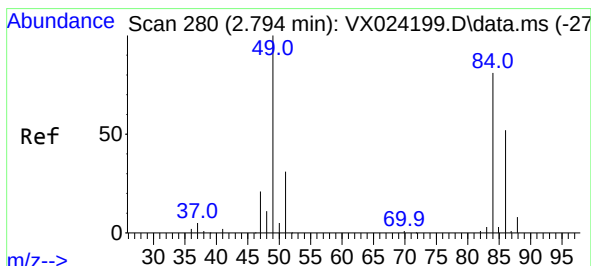
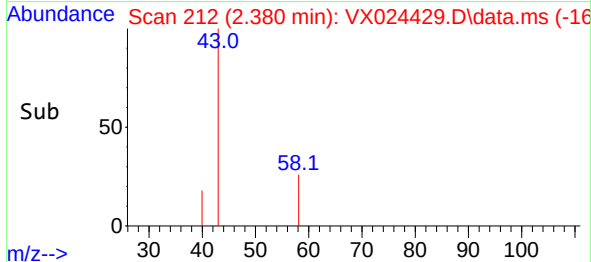
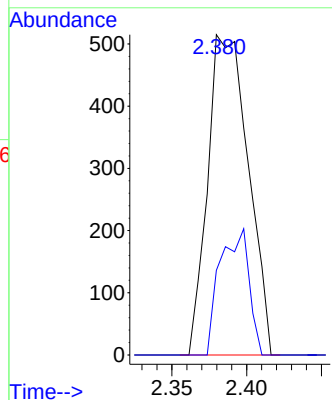
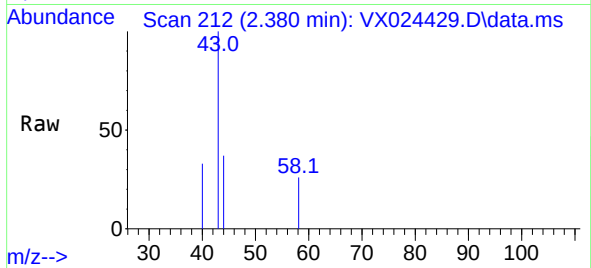




#16
Acetone
Concen: 1.120 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

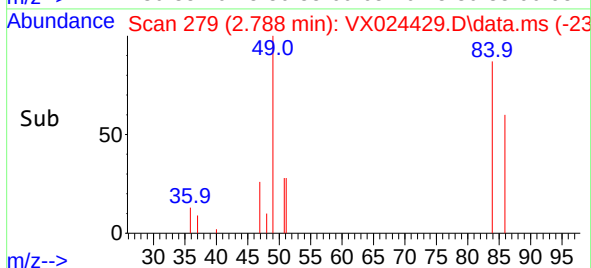
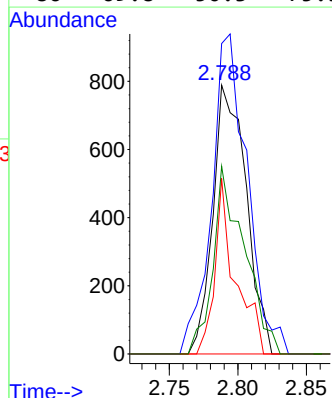
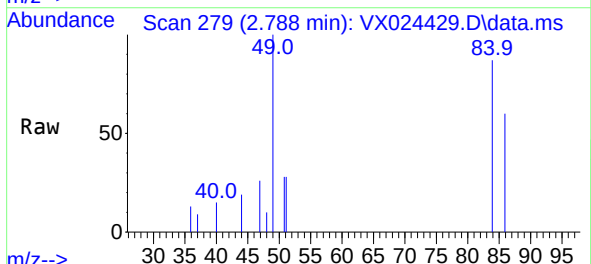
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

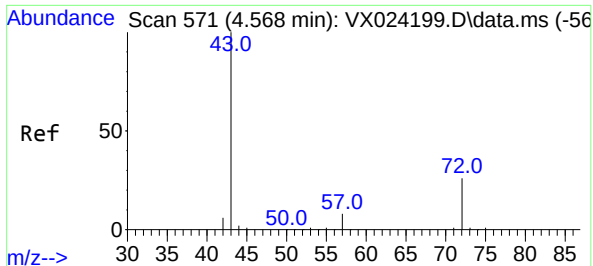
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.802 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 84 Resp: 1331
Ion Ratio Lower Upper
84 100
49 115.5 88.6 132.8
51 65.3 27.0 40.6#
86 69.8 50.3 75.5

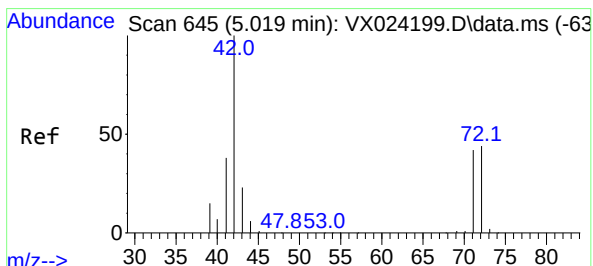
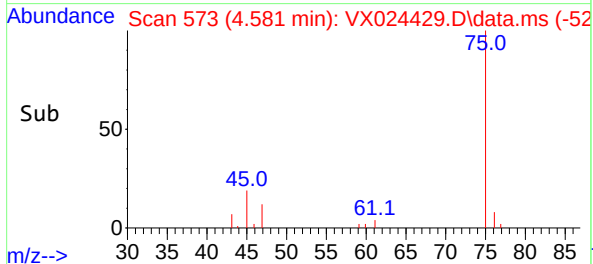
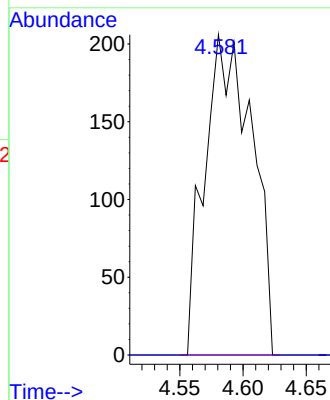
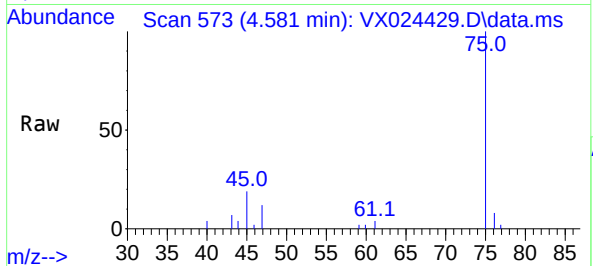




#25
2-Butanone
Concen: 0.422 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

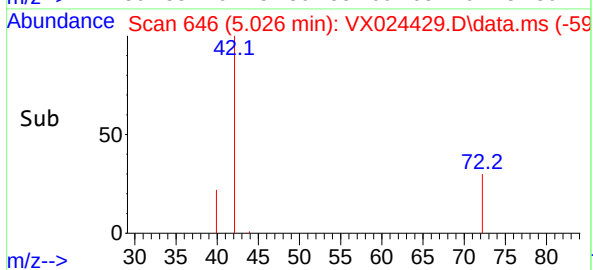
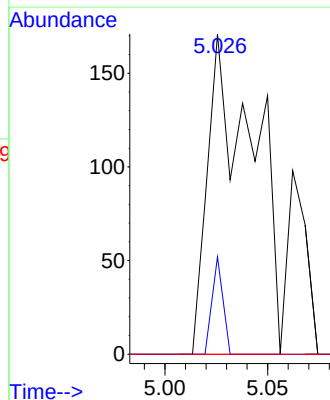
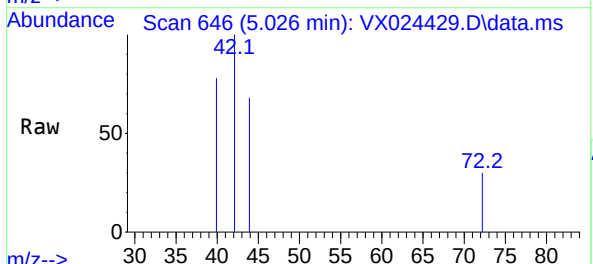
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

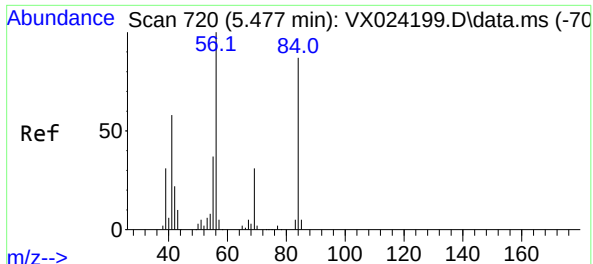
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.330 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.007 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

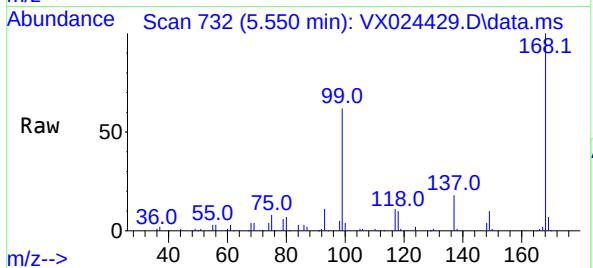
Tgt Ion: 42 Resp: 263
Ion Ratio Lower Upper
42 100
72 7.2 41.7 62.5#
71 0.0 38.4 57.6#



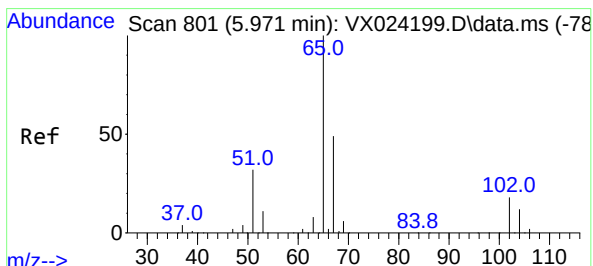
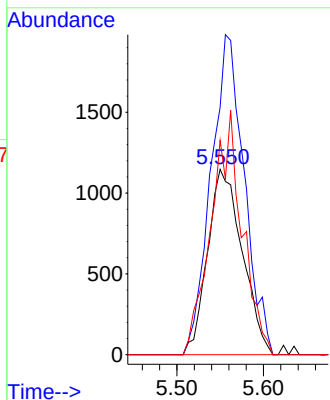
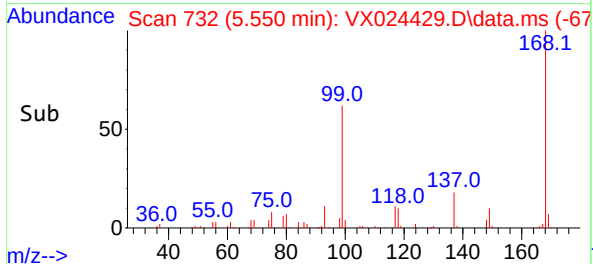


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

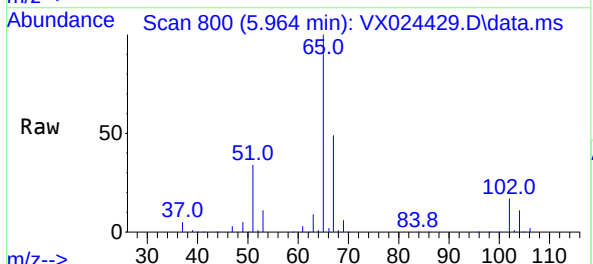
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01



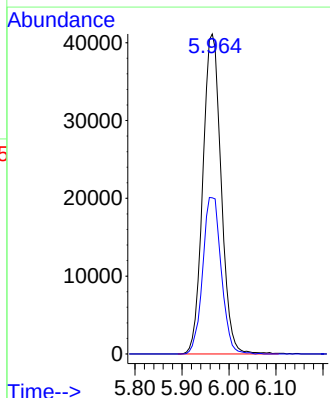
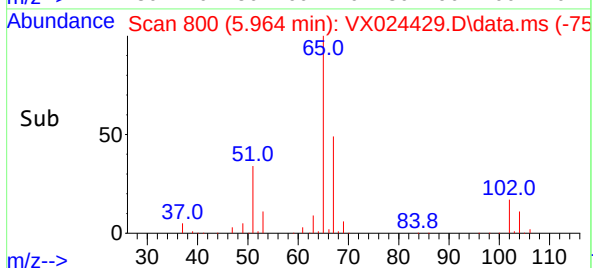
Tgt Ion: 56 Resp: 3196
Ion Ratio Lower Upper
56 100
69 133.5 25.3 37.9#
84 115.6 71.4 107.0#



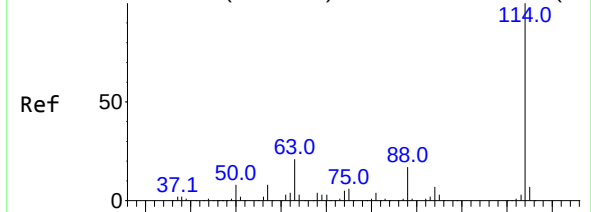
#33
1,2-Dichloroethane-d4
Concen: 54.794 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54



Tgt Ion: 65 Resp: 111090
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

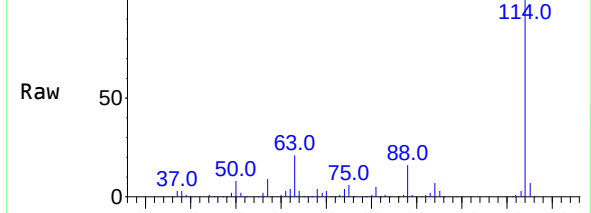


Abundance Scan 932 (6.769 min): VX024199.D\data.ms (-92



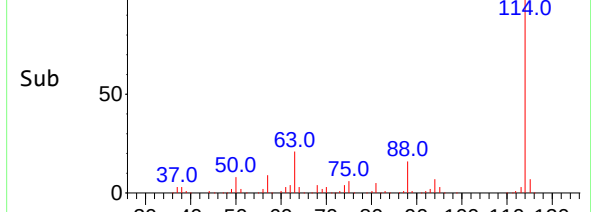
m/z-->

Abundance Scan 932 (6.769 min): VX024429.D\data.ms



m/z-->

Abundance Scan 932 (6.769 min): VX024429.D\data.ms (-88

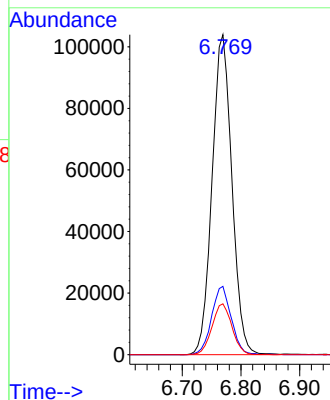


m/z-->

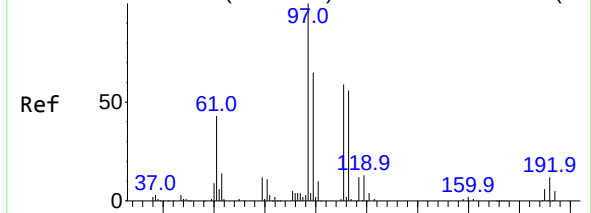
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion:	114	Resp:	243151
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	15.9	0.0	32.8

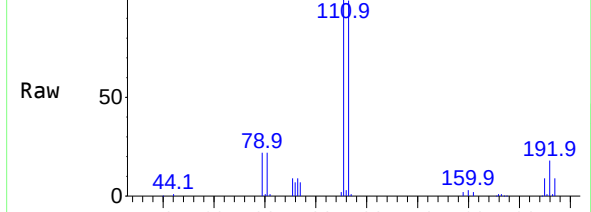


Abundance Scan 707 (5.397 min): VX024199.D\data.ms (-69



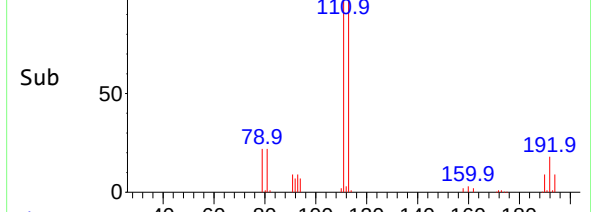
m/z-->

Abundance Scan 706 (5.391 min): VX024429.D\data.ms



m/z-->

Abundance Scan 706 (5.391 min): VX024429.D\data.ms (-65

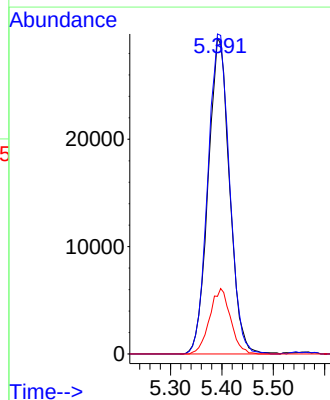


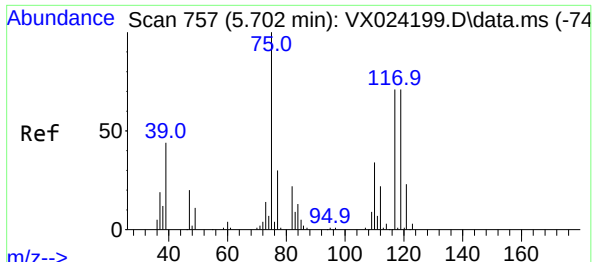
m/z-->

#35

Dibromofluoromethane
Concen: 52.016 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion:	113	Resp:	84821
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	20.3	16.7	25.1

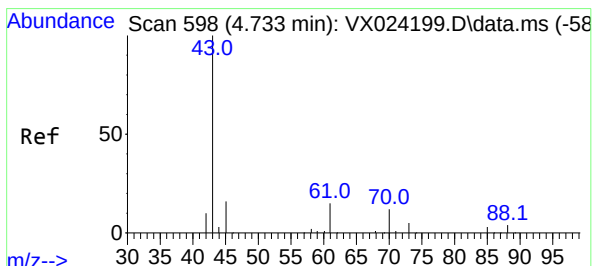
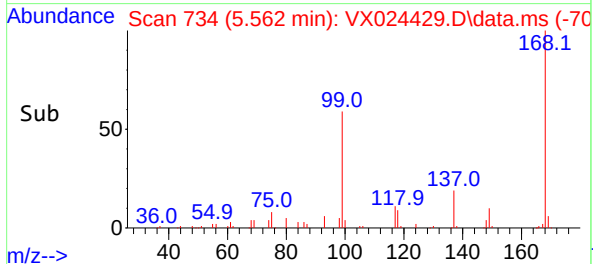
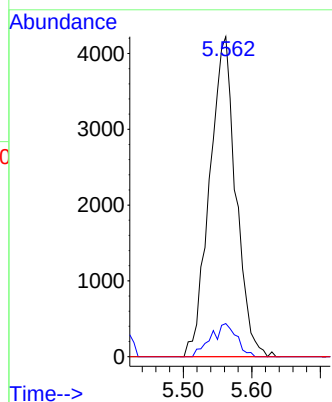
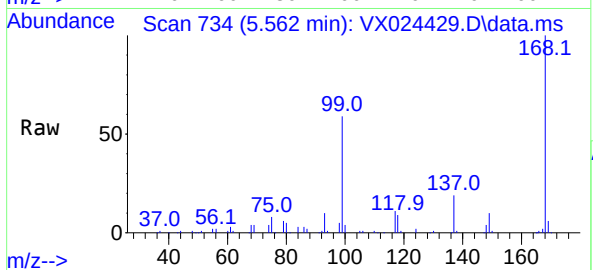




#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

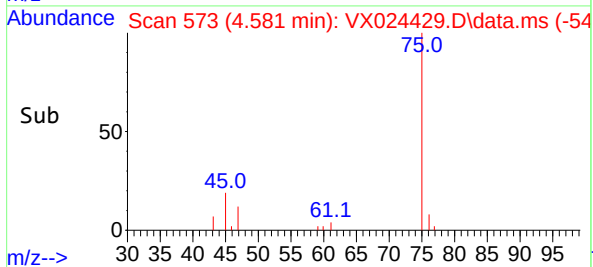
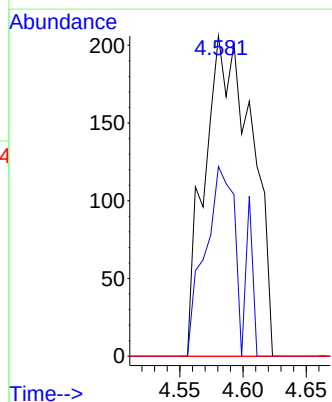
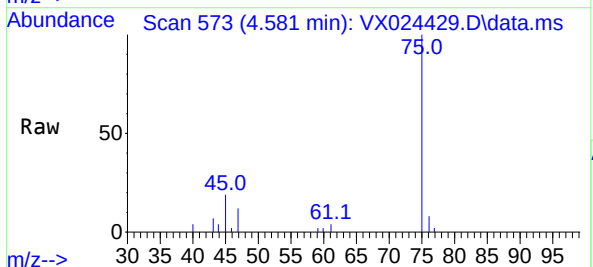
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

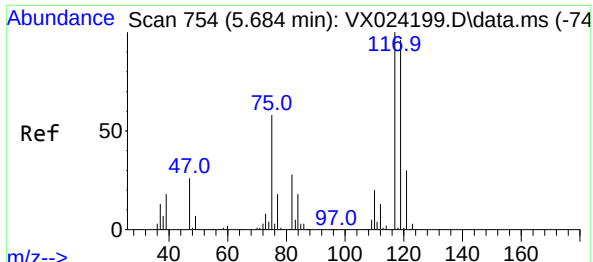
Tgt Ion: 75 Resp: 11228
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.206 ug/l
RT: 4.581 min Scan# 573
Delta R.T. -0.152 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
61 43.2 12.8 19.2#
70 0.0 10.5 15.7#

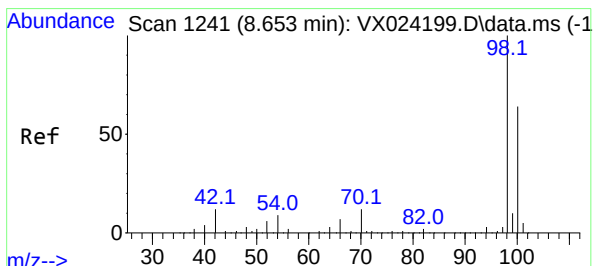
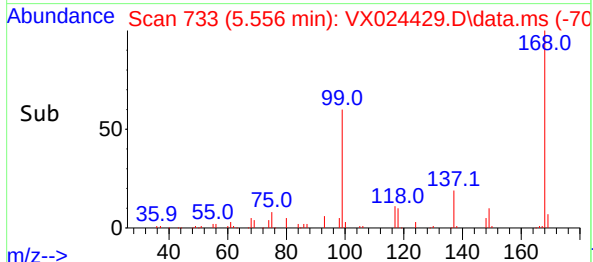
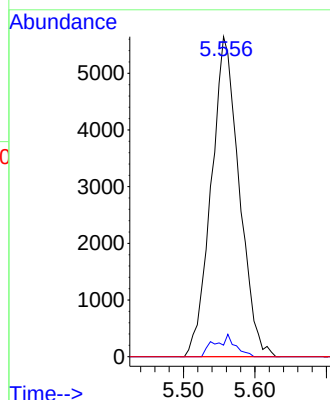
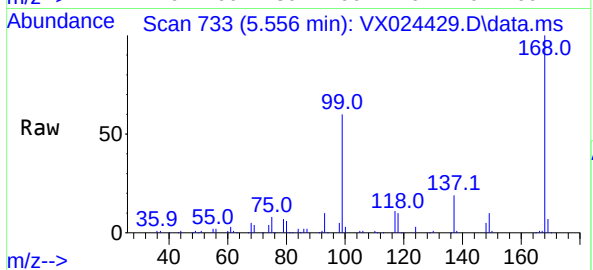




#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

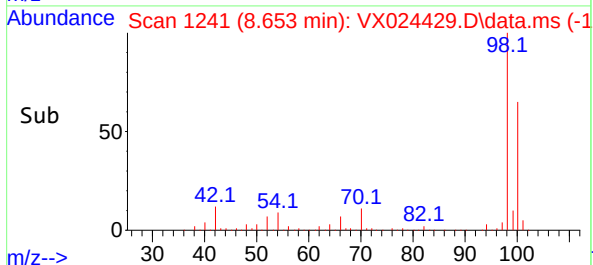
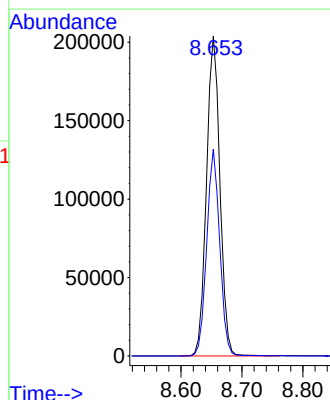
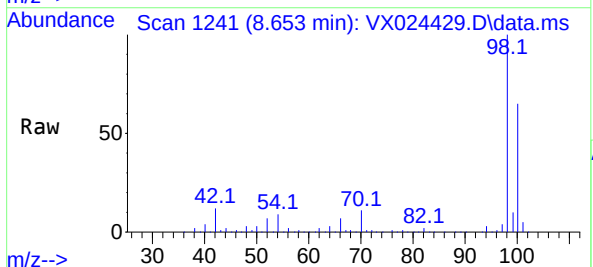
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

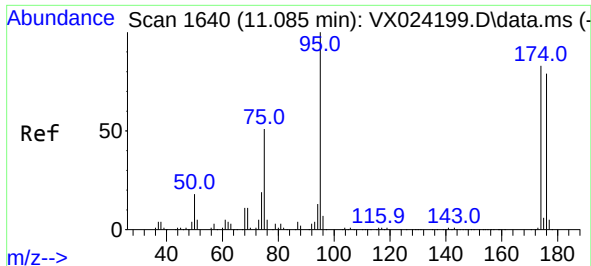
Tgt Ion:117 Resp: 15353
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.636 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 98 Resp: 312682
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9

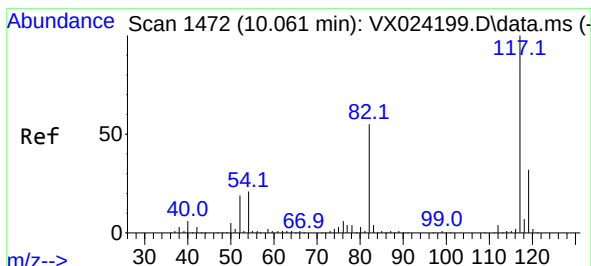
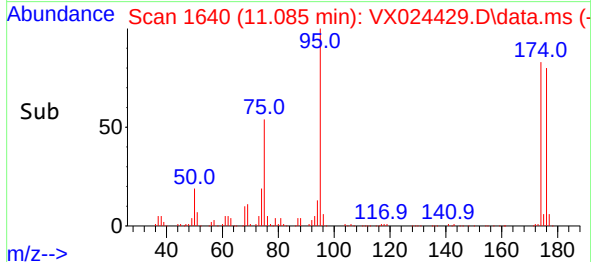
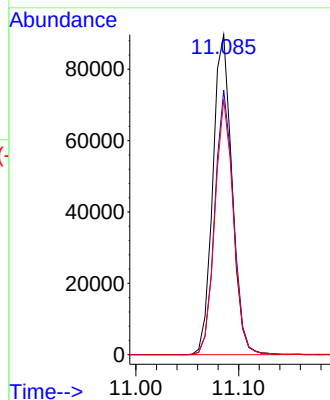
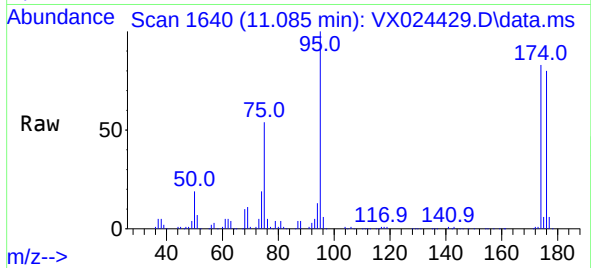




#62
4-Bromofluorobenzene
Concen: 49.975 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

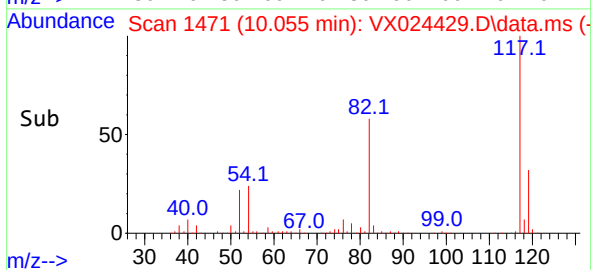
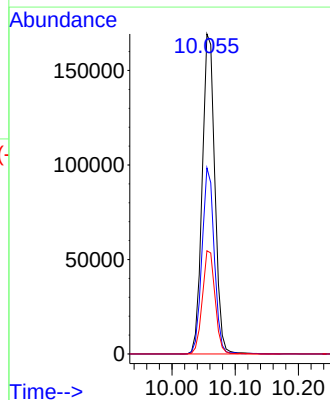
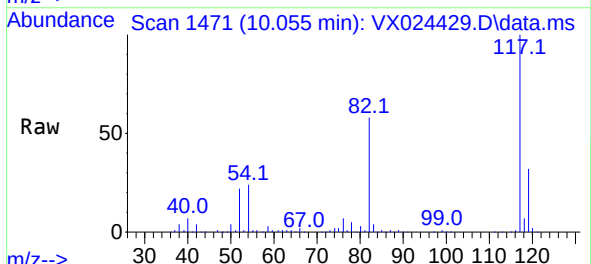
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

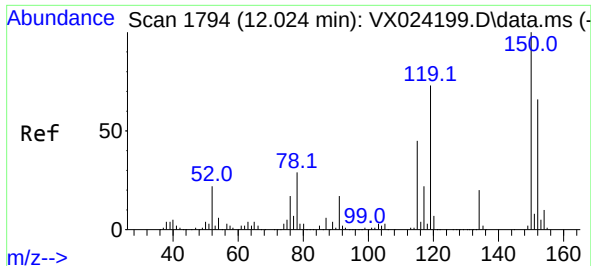
Tgt Ion: 95 Resp: 115534
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 117 Resp: 235883
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.2 26.6 39.8

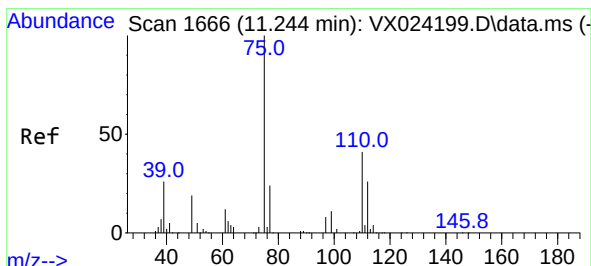
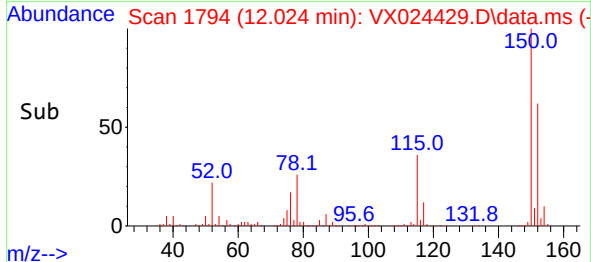
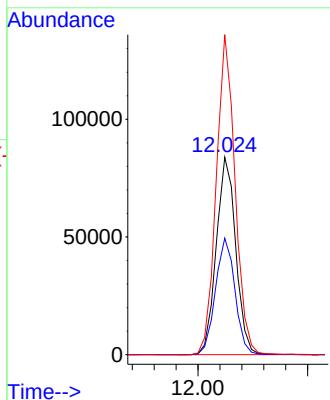
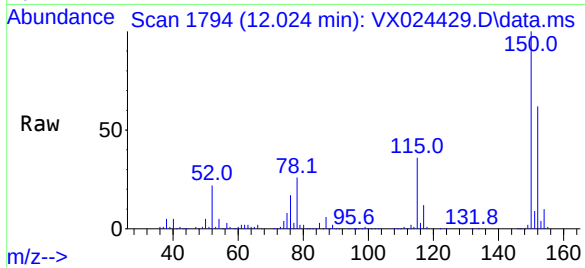




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

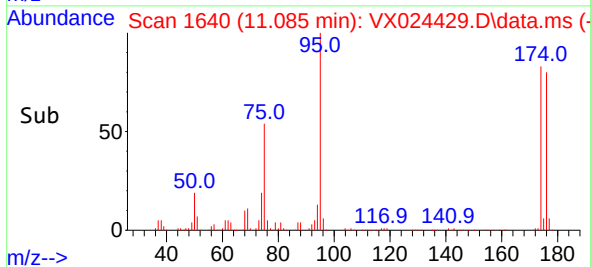
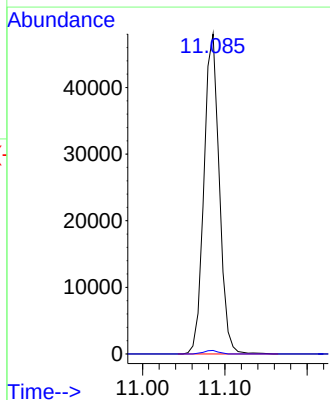
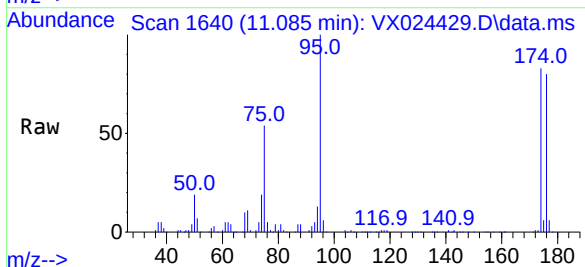
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

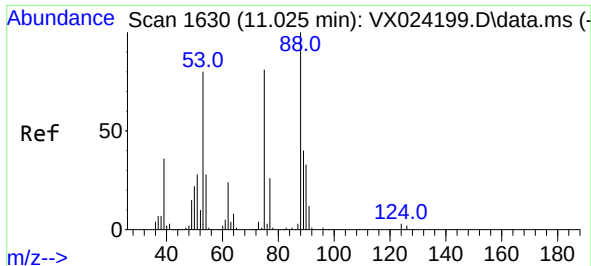
Tgt Ion:152 Resp: 103651
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.067 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion: 75 Resp: 62126
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

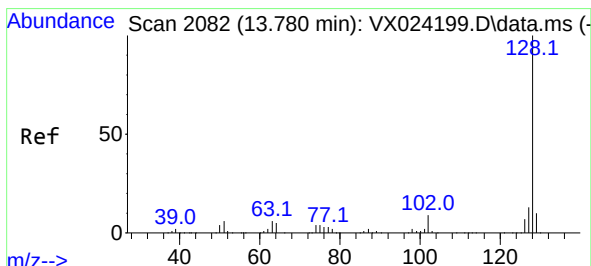
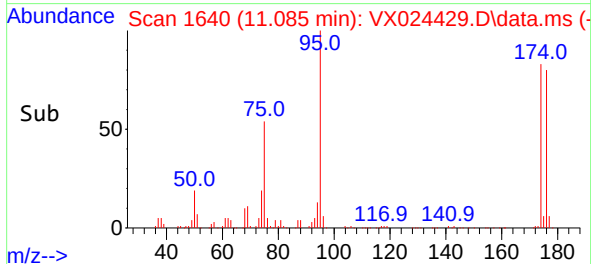
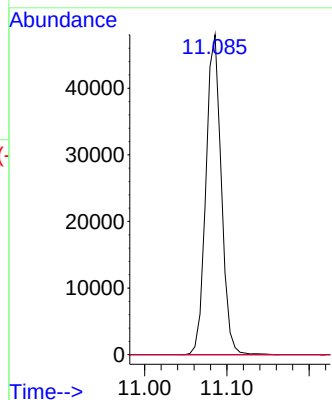
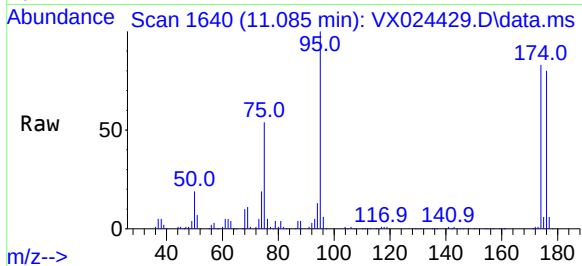




#81
trans-1,4-Dichloro-2-butene
Concen: 76.662 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

Tgt Ion: 75 Resp: 62126
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.323 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024429.D
Acq: 22 Sep 2021 12:54

Tgt Ion:128 Resp: 277
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

