

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\Not Reviewed Data\
 Data File : VX024436.D
 Acq On : 22 Sep 2021 15:54
 Operator : JC/MD
 Sample : M3803-04
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 26160

Quant Time: Sep 22 18:03:38 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)

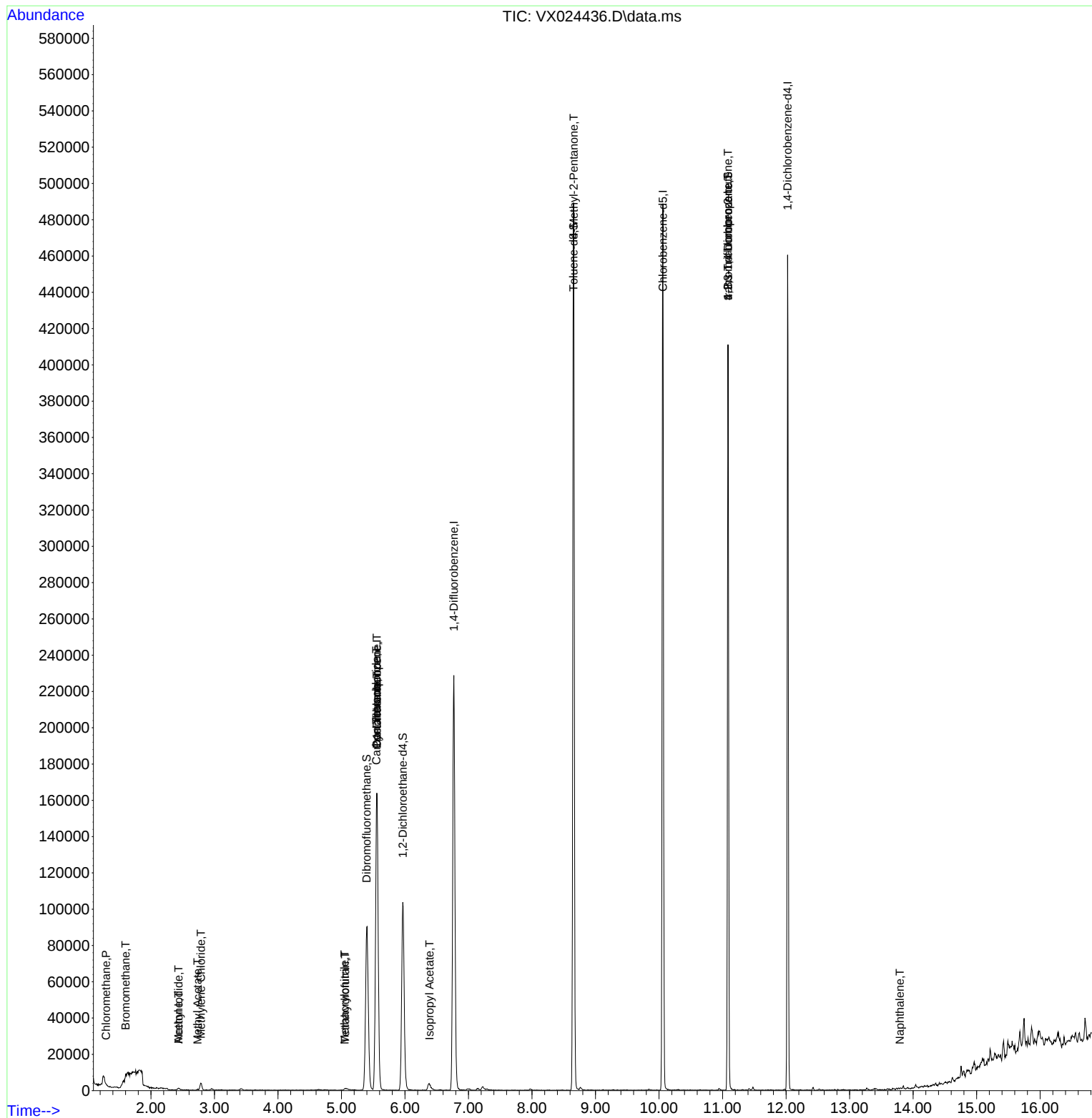
Internal Standards						
1) Pentafluorobenzene	5.556	168	155246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	233599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107674	48.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.280%
35) Dibromofluoromethane	5.397	113	81844	52.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.500%
50) Toluene-d8	8.653	98	301050	53.266	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.540%
62) 4-Bromofluorobenzene	11.085	95	109257	49.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	330	0.212	ug/l	93
5) Bromomethane	1.599	94	1179	1.277	ug/l #	71
10) Methyl Iodide	2.435	142	692	0.327	ug/l #	92
11) Tert butyl alcohol	2.965	59	471	Below Cal	#	73
16) Acetone	2.435	43	881	0.933	ug/l #	40
18) Methyl Acetate	2.733	43	726	0.245	ug/l #	55
20) Methylene Chloride	2.788	84	2186	1.206	ug/l	94
29) Tetrahydrofuran	5.056	42	1045	1.201	ug/l #	53
31) Cyclohexane	5.556	56	3048	1.177	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12341	5.802	ug/l #	49
38) Carbon Tetrachloride	5.550	117	16562	6.918	ug/l #	16
41) Methacrylonitrile	5.050	41	406	0.307	ug/l #	32
43) Isopropyl Acetate	6.385	43	2486	0.630	ug/l #	57
51) 4-Methyl-2-Pentanone	8.659	43	1407	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56233	26.682	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56233	78.472	ug/l #	12
95) Naphthalene	13.792	128	140	1.308	ug/l #	69

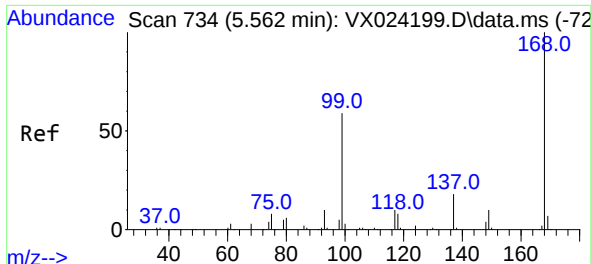
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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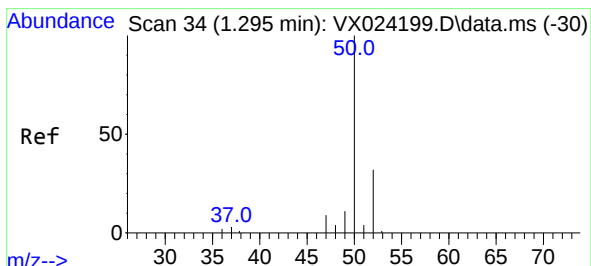
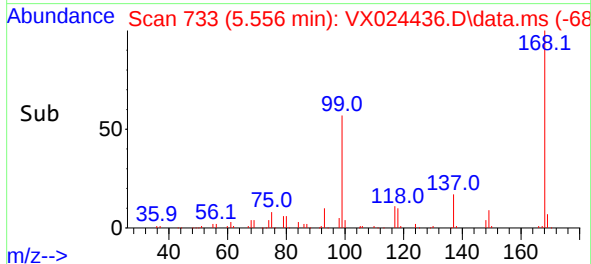
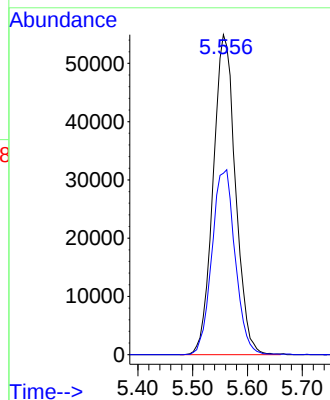
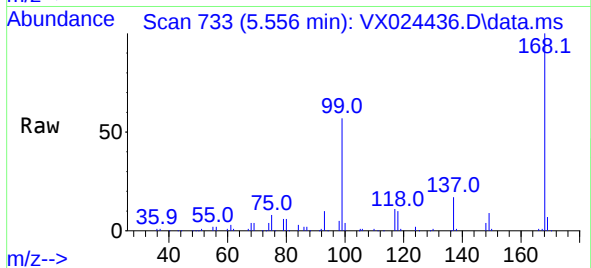




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

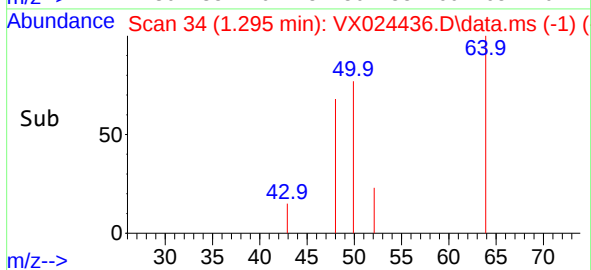
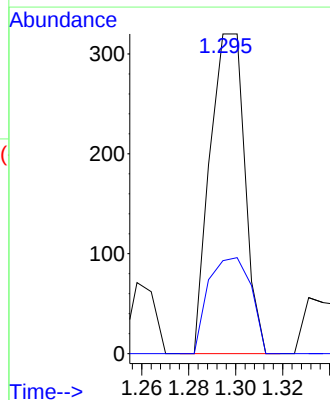
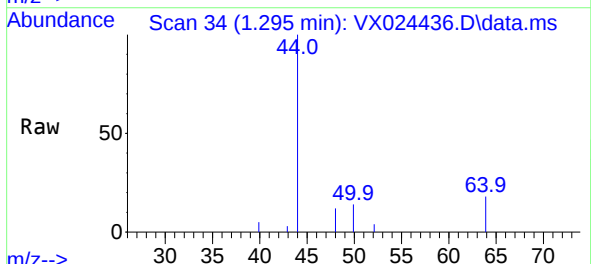
Instrument :
MSVOA_X
ClientSampleId :
26160

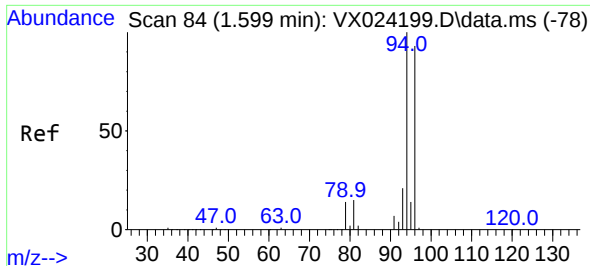
Tgt Ion:168 Resp: 155246
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 50 Resp: 330
Ion Ratio Lower Upper
50 100
52 29.1 26.4 39.6

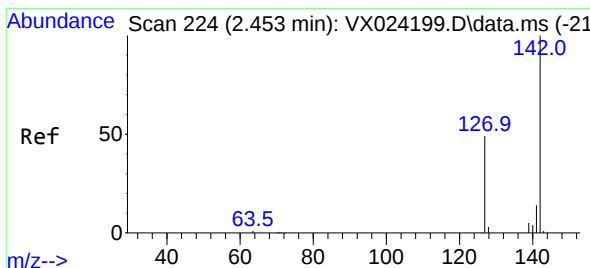
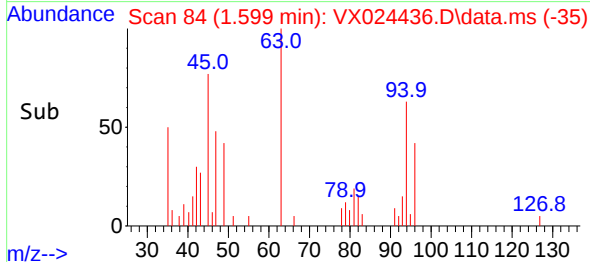
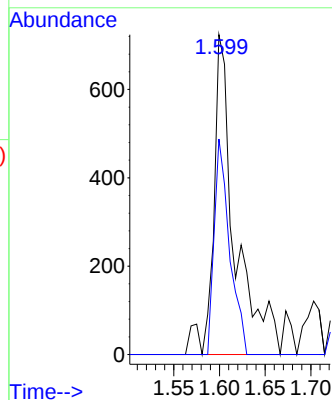
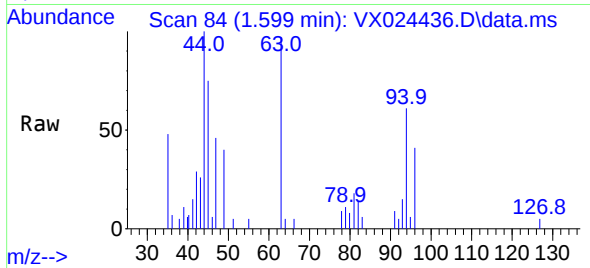




#5
Bromomethane
Concen: 1.277 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

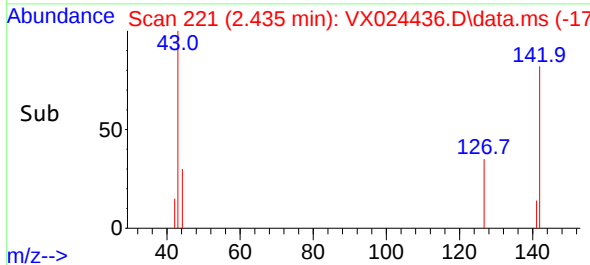
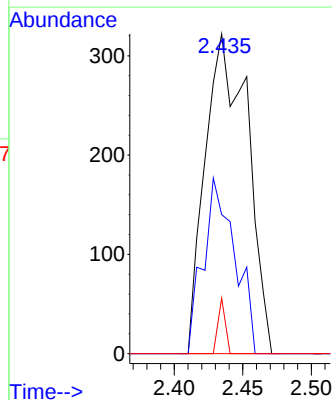
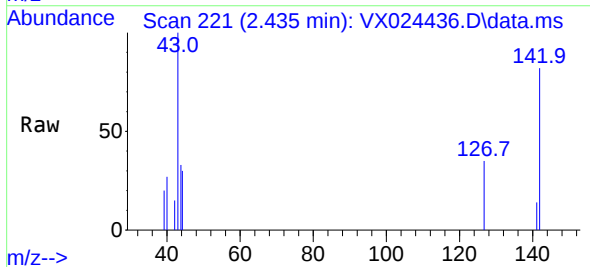
Instrument :
MSVOA_X
ClientSampled :
26160

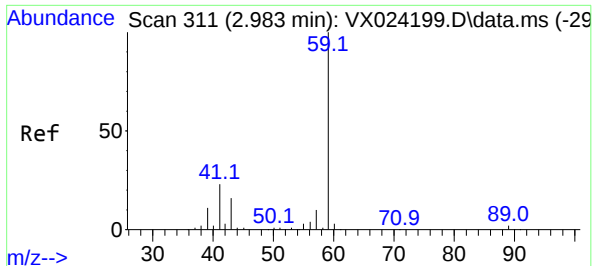
Tgt Ion: 94 Resp: 1179
Ion Ratio Lower Upper
94 100
96 67.4 76.4 114.6#



#10
Methyl Iodide
Concen: 0.327 ug/l
RT: 2.435 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 142 Resp: 692
Ion Ratio Lower Upper
142 100
127 41.0 33.3 49.9
141 2.9 11.4 17.0#



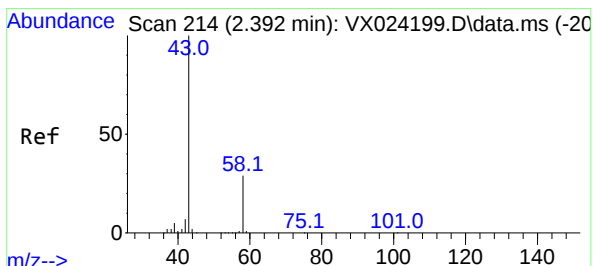
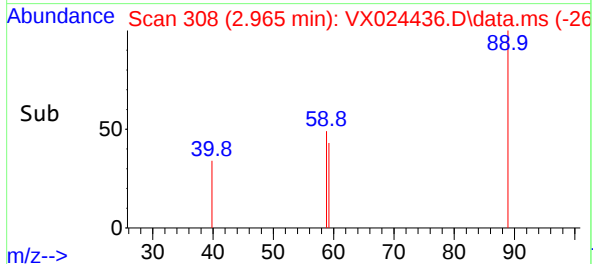
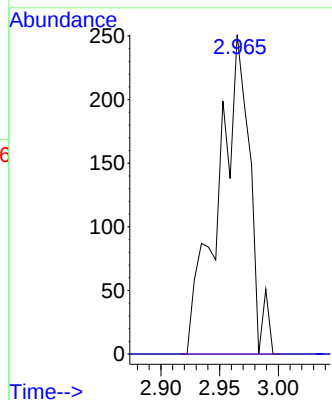
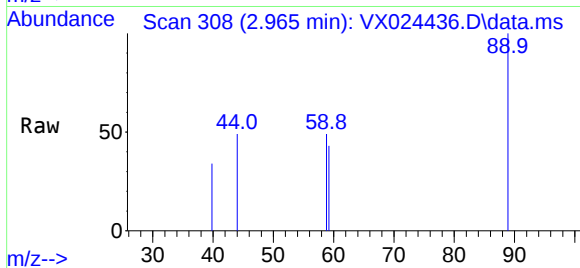


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Instrument :
MSVOA_X
ClientSampled :
26160

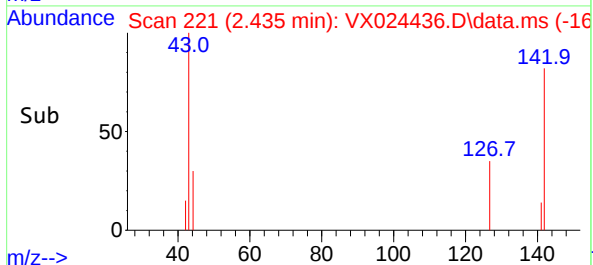
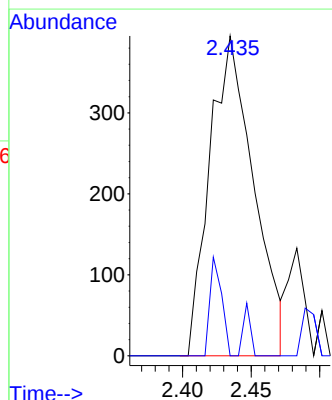
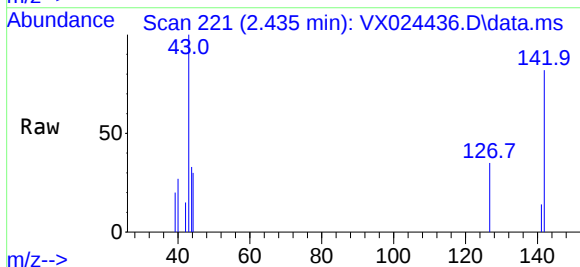
Tgt Ion: 59 Resp: 471
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

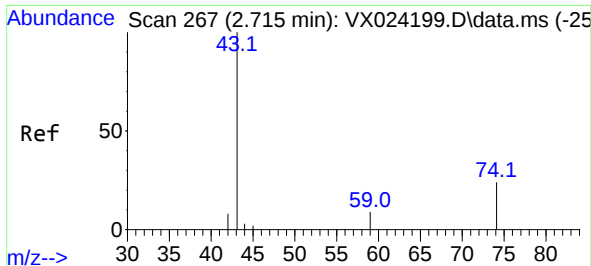


#16

Acetone
Concen: 0.933 ug/l
RT: 2.435 min Scan# 221
Delta R.T. 0.043 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

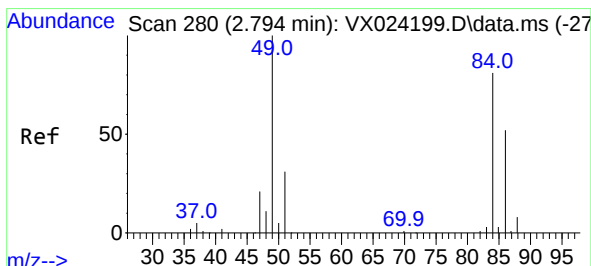
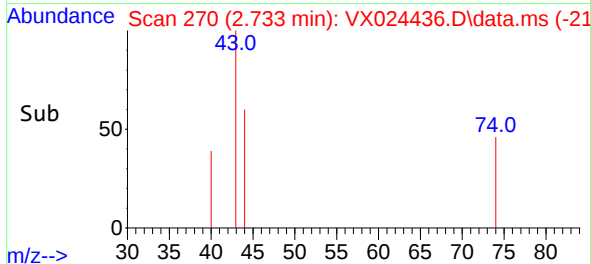
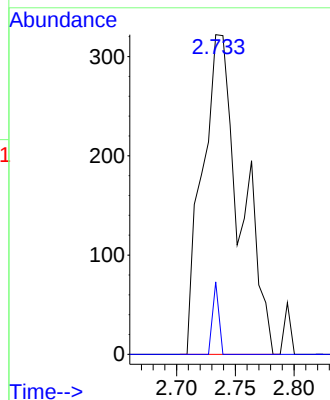
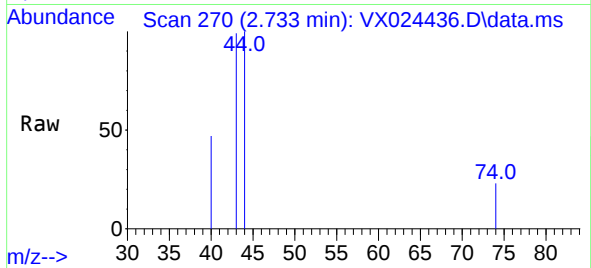




#18
Methyl Acetate
Concen: 0.245 ug/l
RT: 2.733 min Scan# 270
Delta R.T. 0.018 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

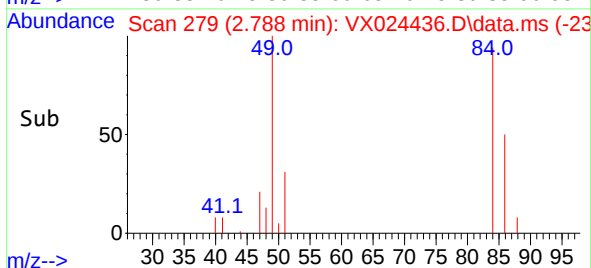
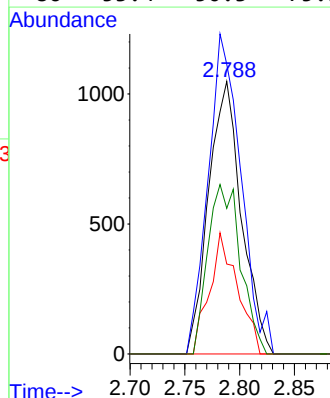
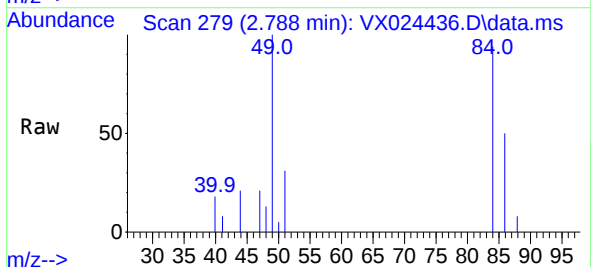
Instrument :
MSVOA_X
ClientSampled :
26160

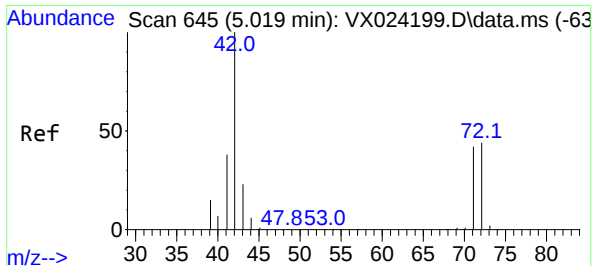
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
74 3.7 21.9 32.9#



#20
Methylene Chloride
Concen: 1.206 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 84 Resp: 2186
Ion Ratio Lower Upper
84 100
49 106.3 88.6 132.8
51 33.0 27.0 40.6
86 53.4 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.201 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.037 min

Lab File: VX024436.D

Acq: 22 Sep 2021 15:54

Instrument :

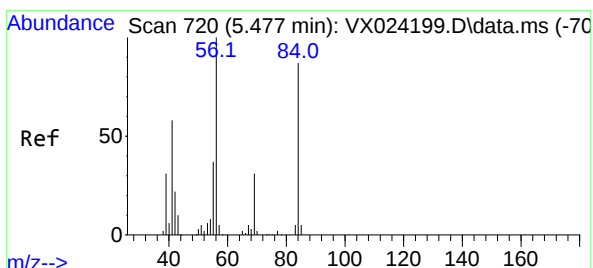
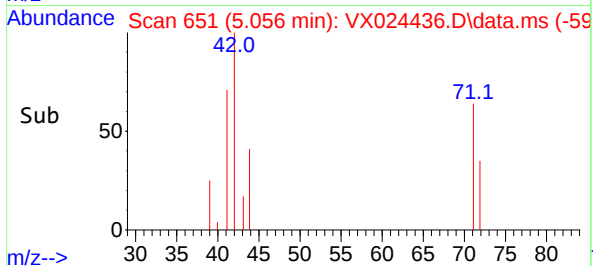
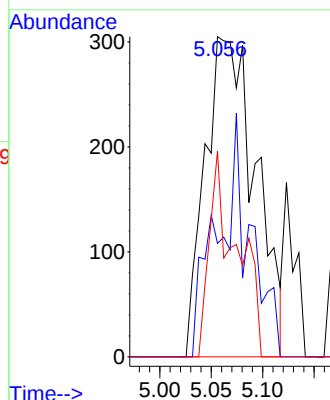
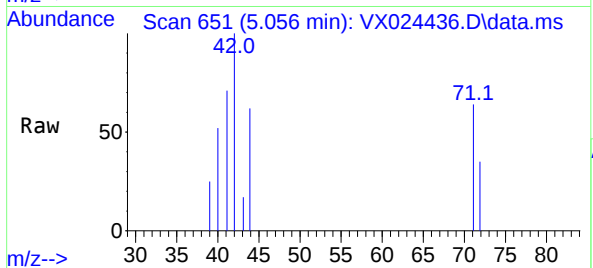
MSVOA_X

ClientSampleId :

26160

Tgt Ion: 42 Resp: 1045

Ion	Ratio	Lower	Upper
42	100		
72	15.1	41.7	62.5#
71	20.8	38.4	57.6#



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 5.556 min Scan# 733

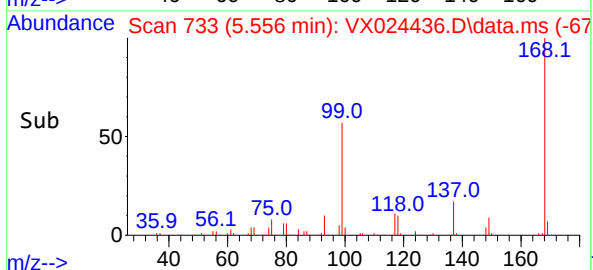
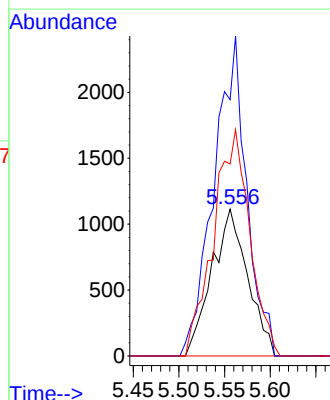
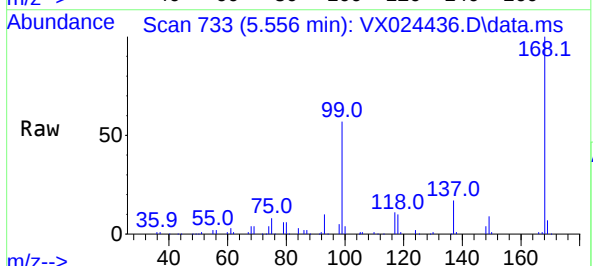
Delta R.T. 0.079 min

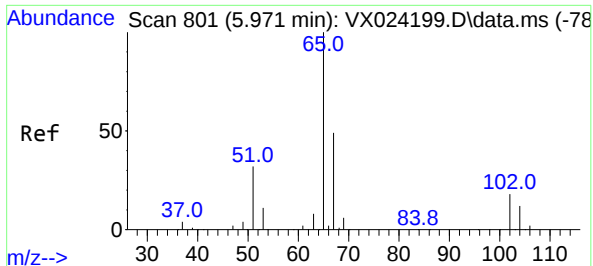
Lab File: VX024436.D

Acq: 22 Sep 2021 15:54

Tgt Ion: 56 Resp: 3048

Ion	Ratio	Lower	Upper
56	100		
69	174.4	25.3	37.9#
84	130.7	71.4	107.0#



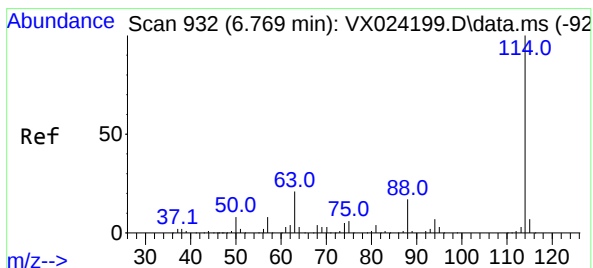
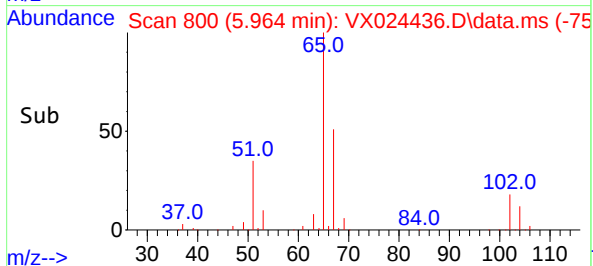
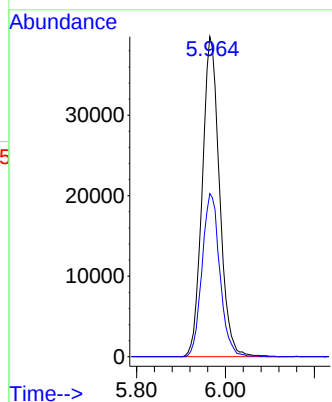
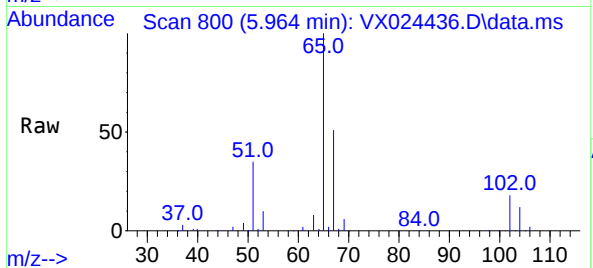


#33

1,2-Dichloroethane-d4
Concen: 48.639 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :
26160

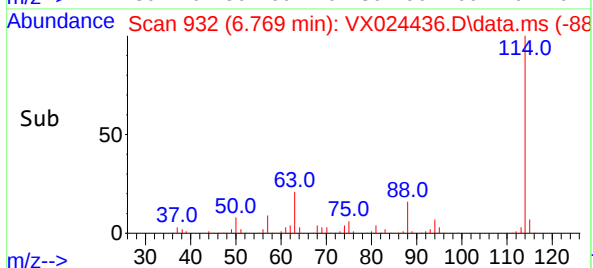
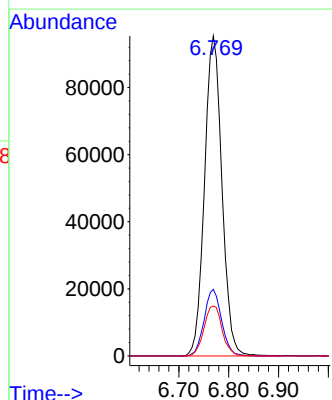
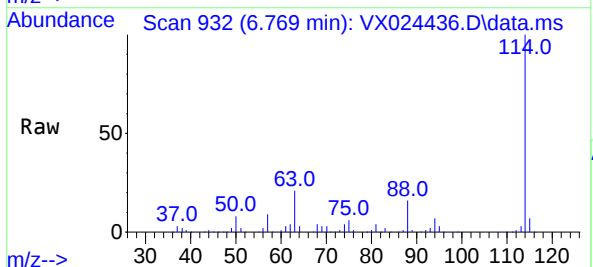
Tgt Ion: 65 Resp: 107674
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

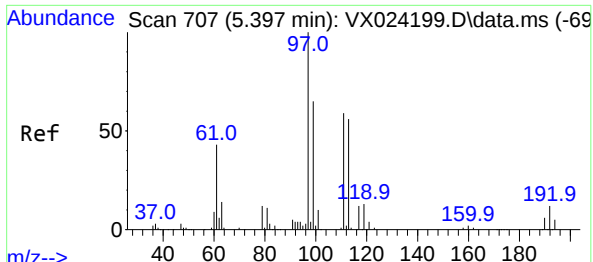


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 114 Resp: 231334
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.6 0.0 32.8

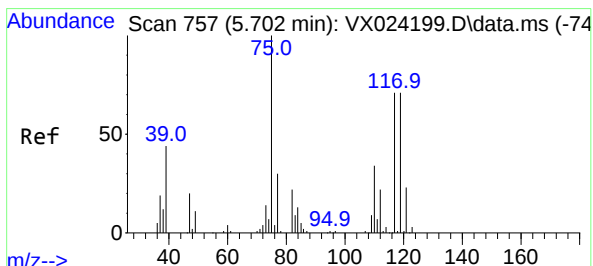
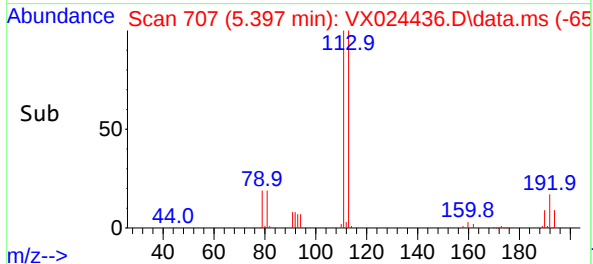
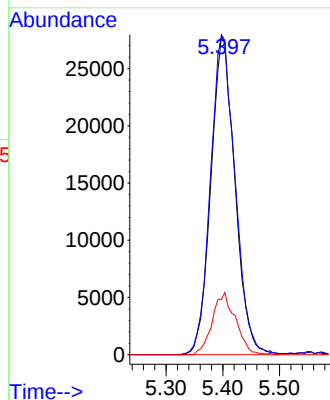
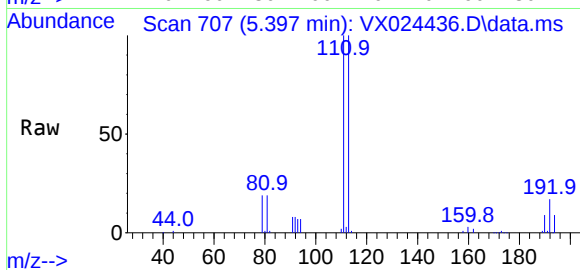




#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

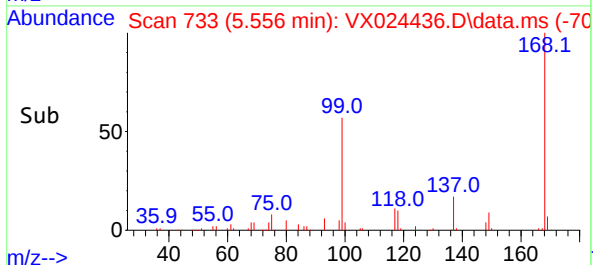
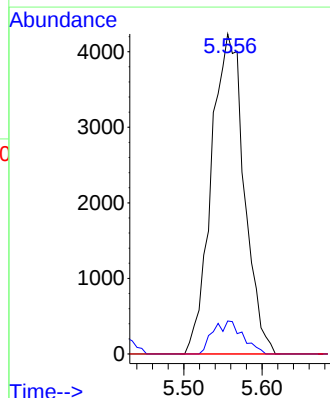
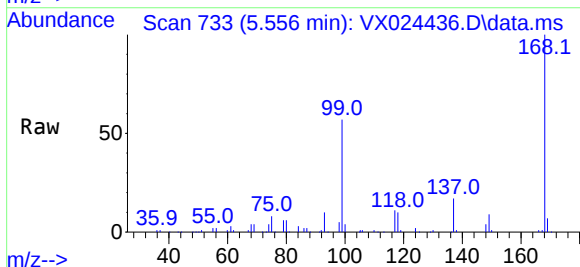
Instrument :
MSVOA_X
ClientSampled :
26160

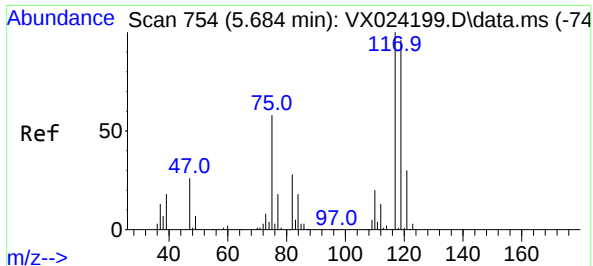
Tgt Ion:	113	Resp:	81844
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	18.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.802 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

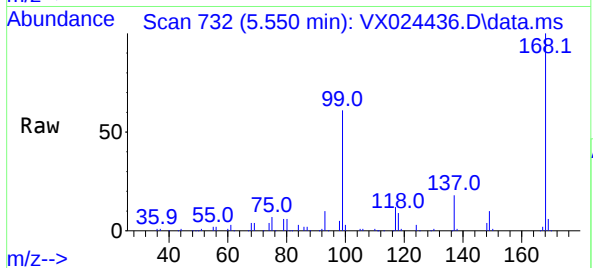
Tgt Ion:	75	Resp:	12341
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#



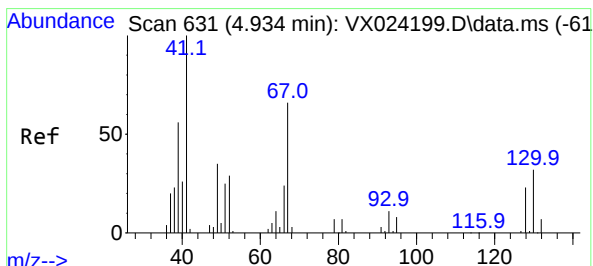
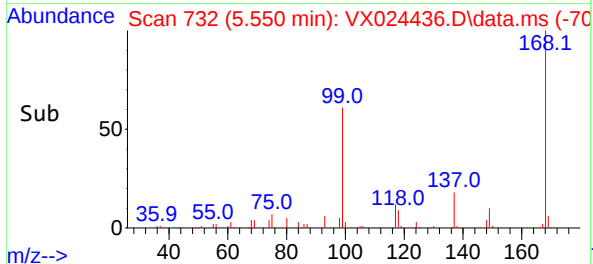
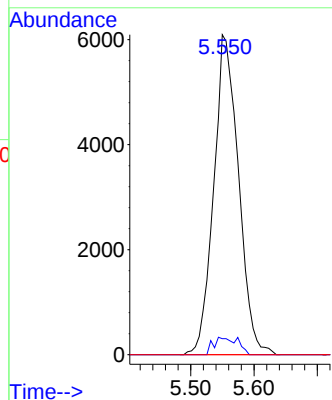


#38
Carbon Tetrachloride
Concen: 6.918 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Instrument :
MSVOA_X
ClientSampled :
26160

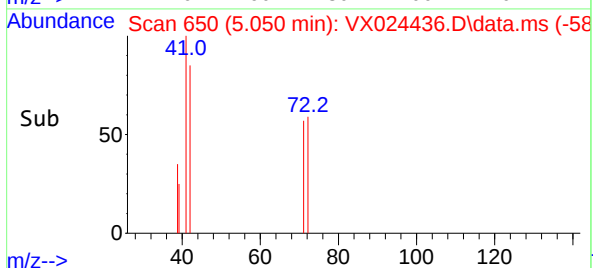
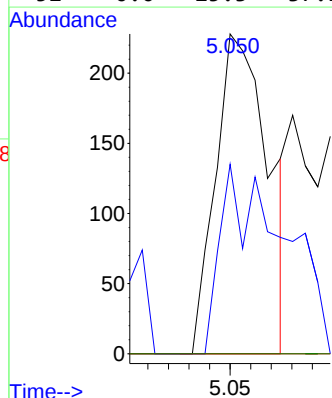
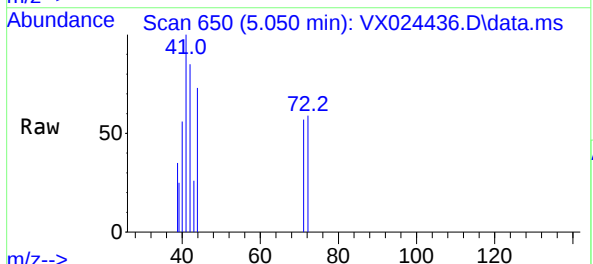


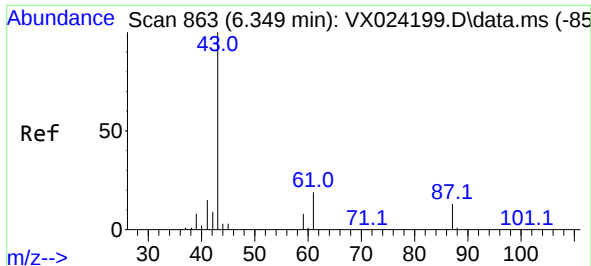
Tgt Ion:117 Resp: 16562
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.307 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.116 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 41 Resp: 406
Ion Ratio Lower Upper
41 100
39 25.6 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

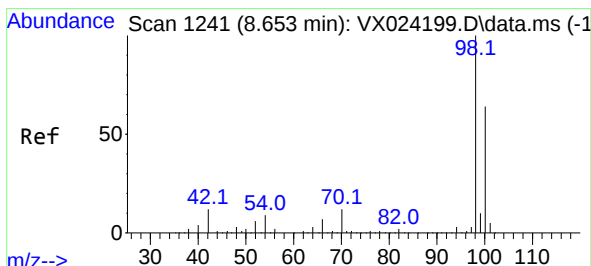
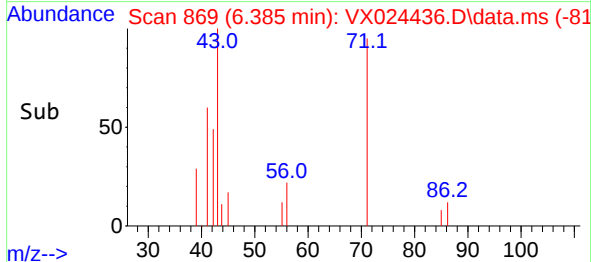
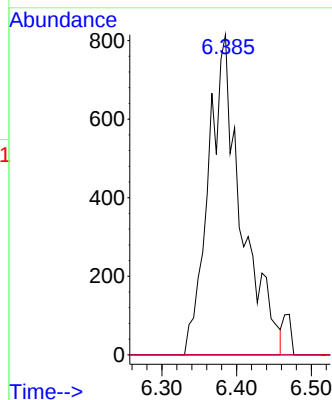
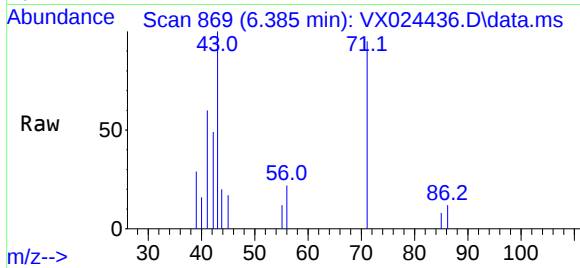




#43
Isopropyl Acetate
Concen: 0.630 ug/l
RT: 6.385 min Scan# 869
Delta R.T. 0.036 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

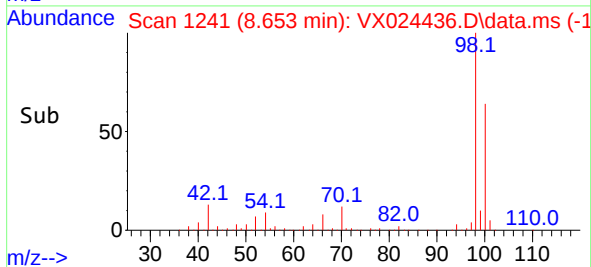
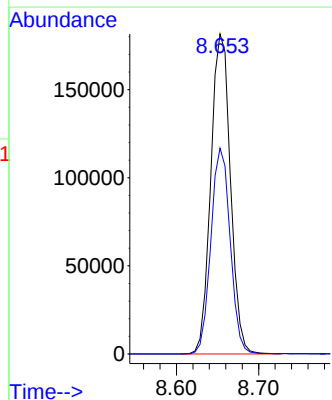
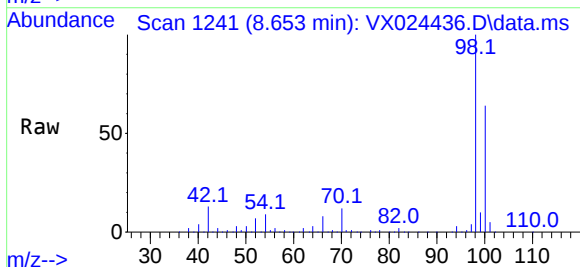
Instrument :
MSVOA_X
ClientSampled :
26160

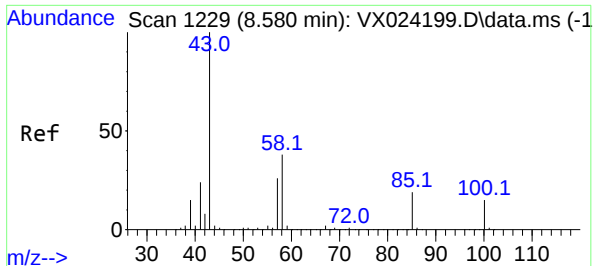
Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 53.266 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 98 Resp: 301050
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

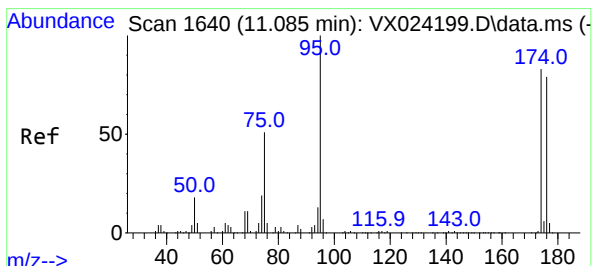
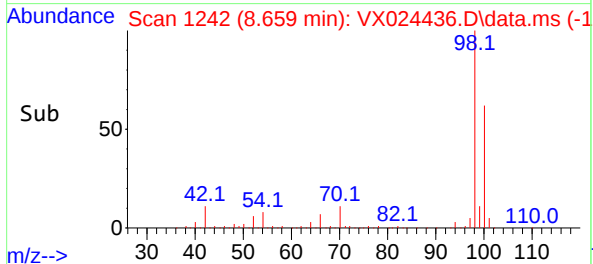
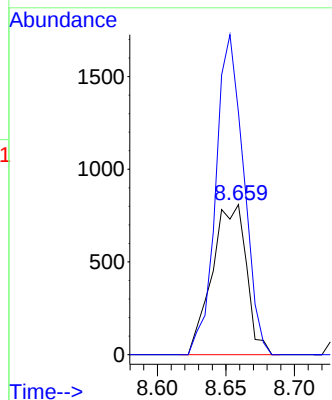
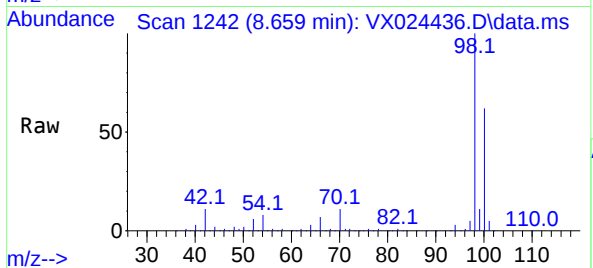




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

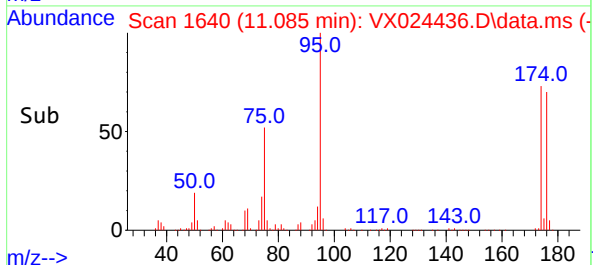
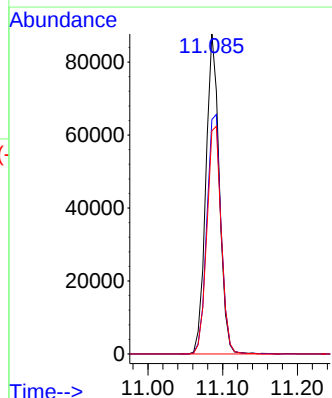
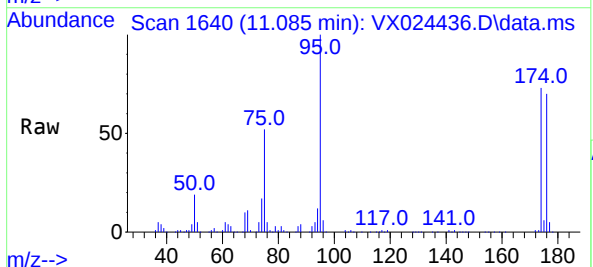
Instrument :
MSVOA_X
ClientSampled :
26160

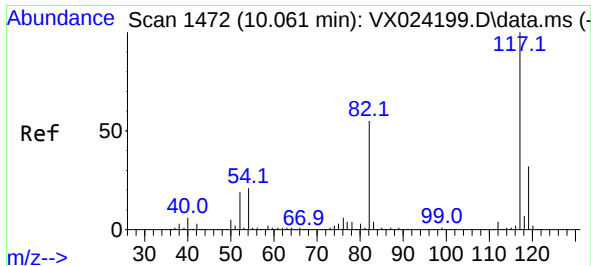
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 173.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.674 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 95 Resp: 109257
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 75.8 0.0 155.8

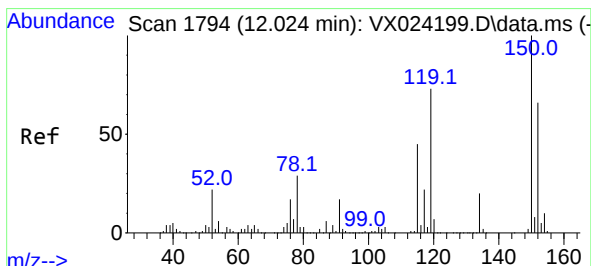
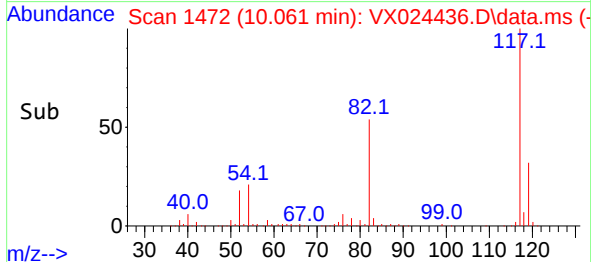
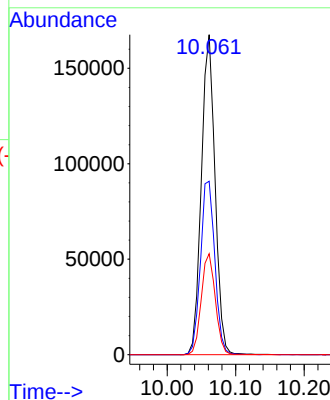
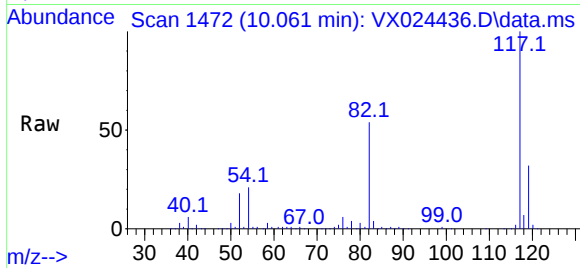




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

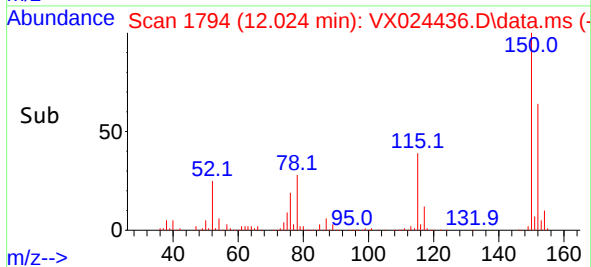
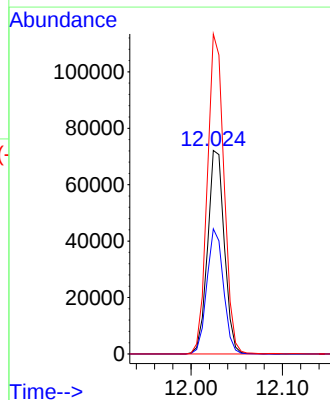
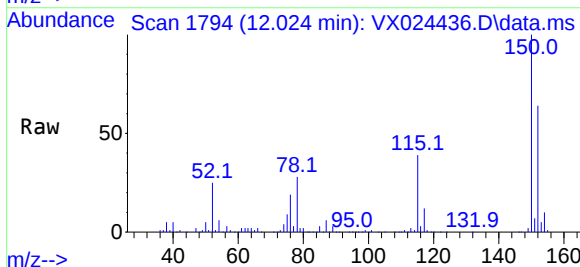
Instrument :
MSVOA_X
ClientSampled :
26160

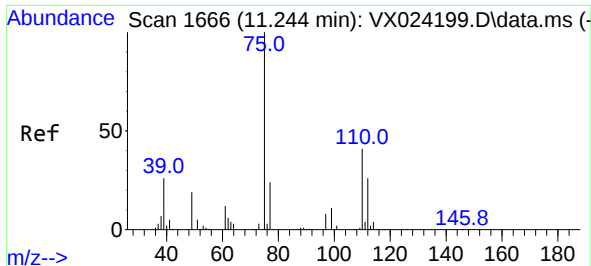
Tgt Ion:117 Resp: 233599
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Tgt Ion:152 Resp: 91655
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 156.4 0.0 349.0

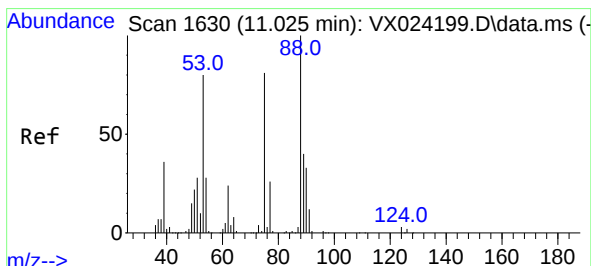
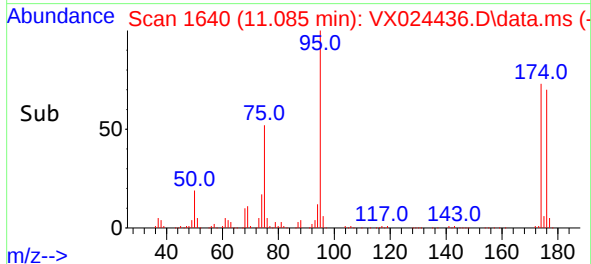
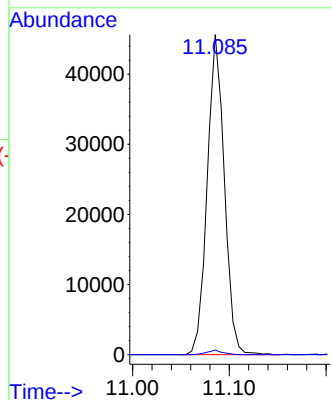
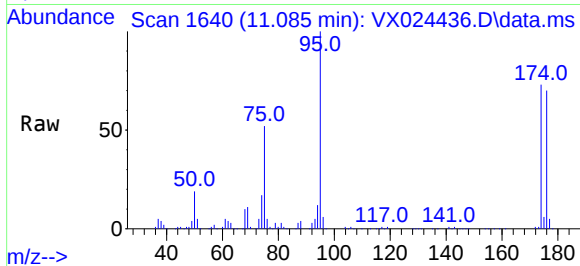




#76
1,2,3-Trichloropropane
Concen: 26.682 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

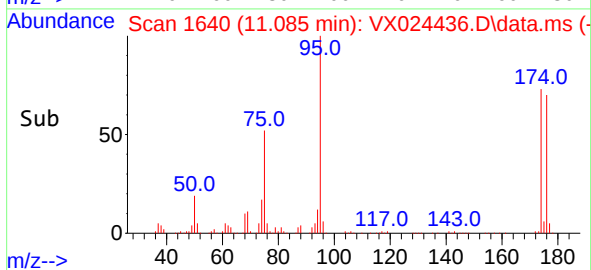
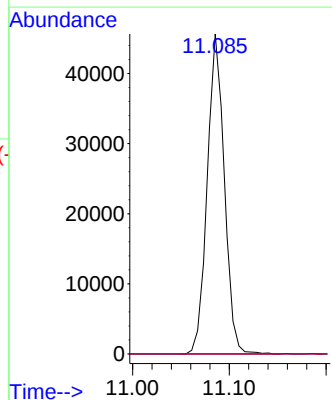
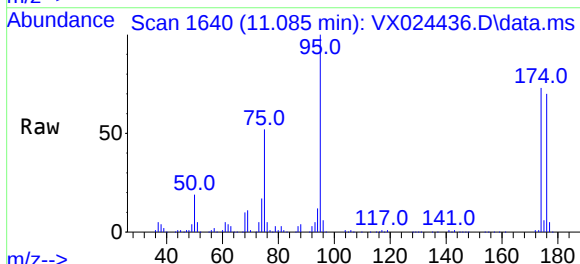
Instrument :
MSVOA_X
ClientSampleId :
26160

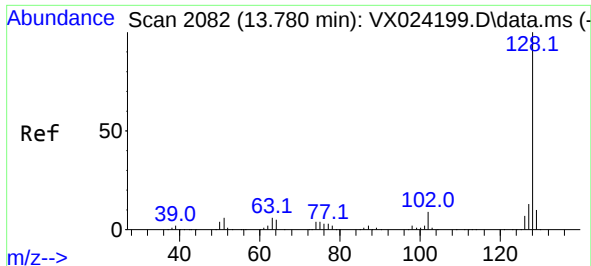
Tgt Ion: 75 Resp: 56233
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.472 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

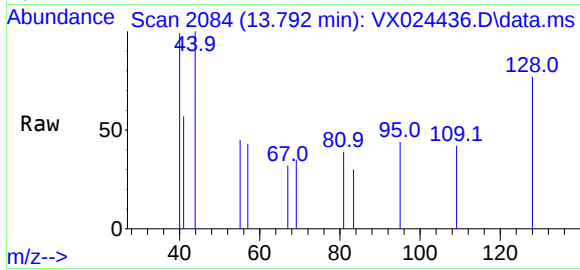
Tgt Ion: 75 Resp: 56233
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.308 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX024436.D
Acq: 22 Sep 2021 15:54

Instrument :
MSVOA_X
ClientSampled :
26160



Tgt Ion:128 Resp: 140
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

