

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023456.D
 Acq On : 26 Jul 2021 17:12
 Operator : JC/MD
 Sample : M3146-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 03:28:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

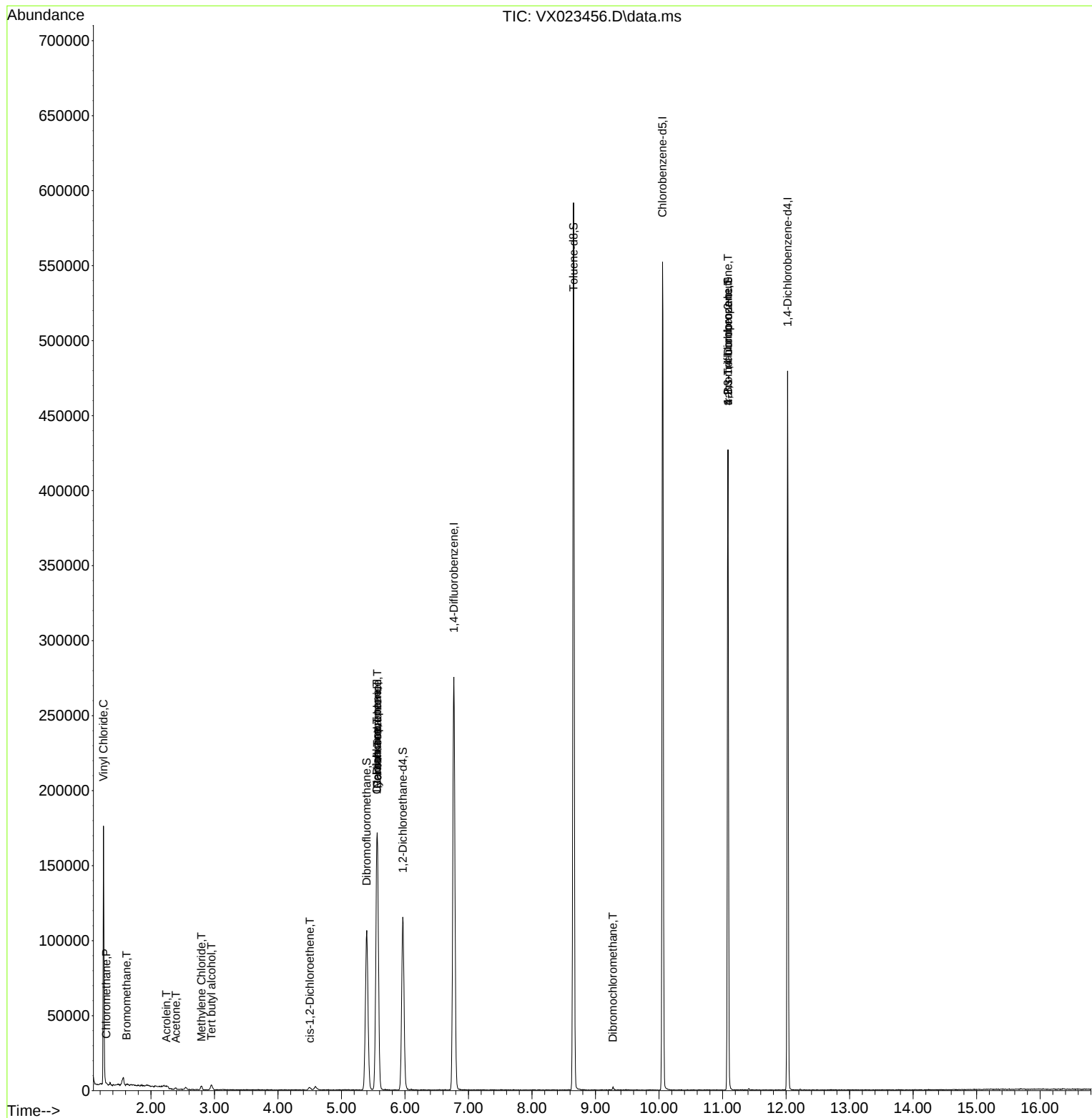
Internal Standards						
1) Pentafluorobenzene	5.562	168	167726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109686	52.43	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.86%			
35) Dibromofluoromethane	5.397	113	89425	50.84	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.68%			
50) Toluene-d8	8.653	98	336016	52.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.00%			
62) 4-Bromofluorobenzene	11.085	95	108642	49.44	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.88%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	378	0.21	ug/l #	56
4) Vinyl Chloride	1.252	62	1251	0.69	ug/l #	81
5) Bromomethane	1.618	94	788	0.73	ug/l #	54
11) Tert butyl alcohol	2.953	59	2122	4.44	ug/l #	73
13) Acrolein	2.239	56	111	1.82	ug/l	96
16) Acetone	2.392	43	1076	1.05	ug/l	90
20) Methylene Chloride	2.794	84	1037	0.52	ug/l #	68
27) cis-1,2-Dichloroethene	4.501	96	1259	0.62	ug/l	88
31) Cyclohexane	5.556	56	3596	1.16	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12917	5.08	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16434	6.35	ug/l #	16
60) Dibromochloromethane	9.275	129	333	2.14	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55456	25.91	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55456	69.67	ug/l #	12

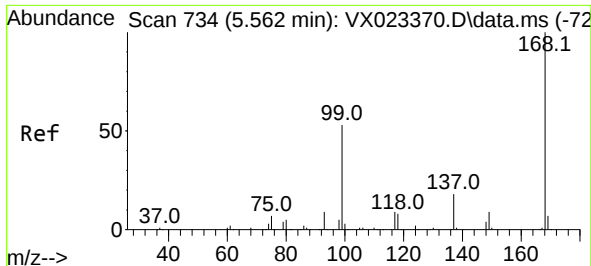
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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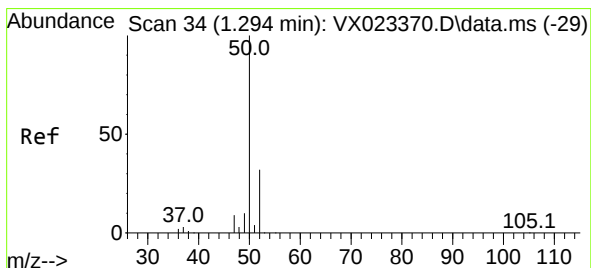
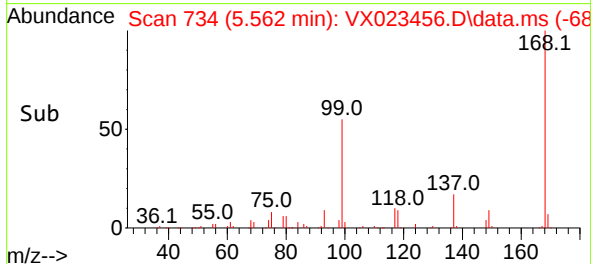
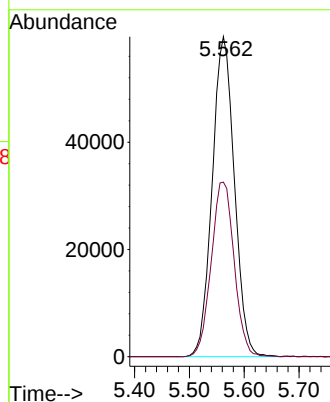
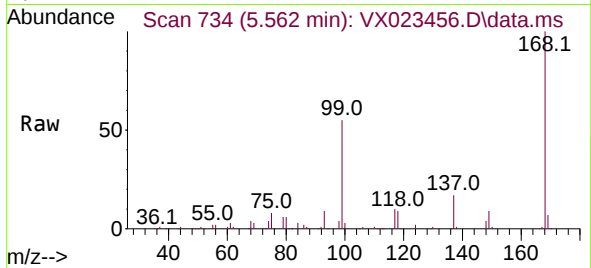




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

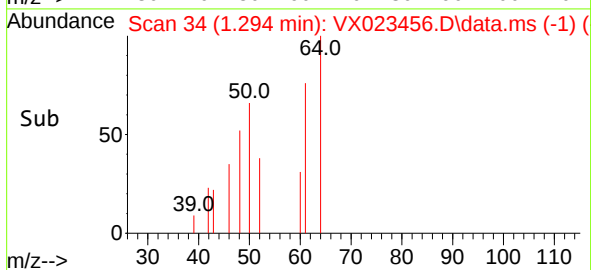
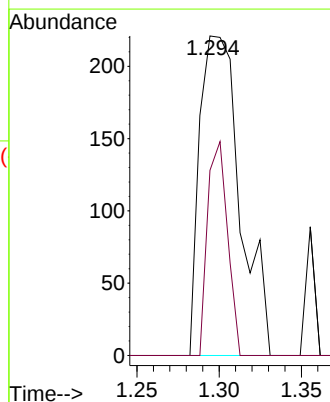
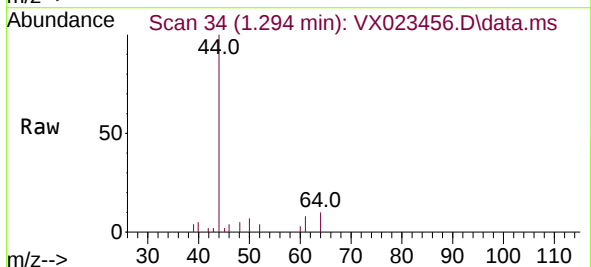
Instrument :
MSVOA_X
ClientSampleId :

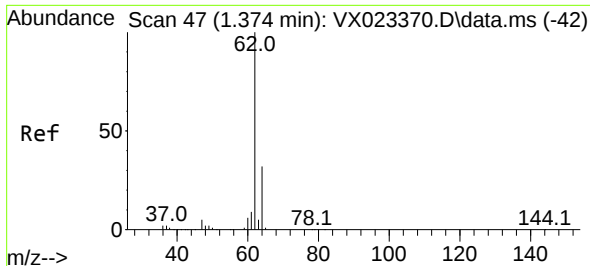
Tgt Ion:168 Resp: 167726
Ion Ratio Lower Upper
168 100
99 54.6 45.8 68.6



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 57.9 26.4 39.6#

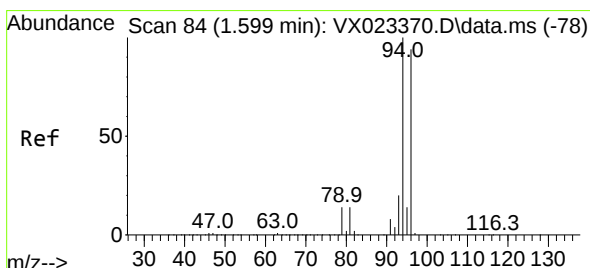
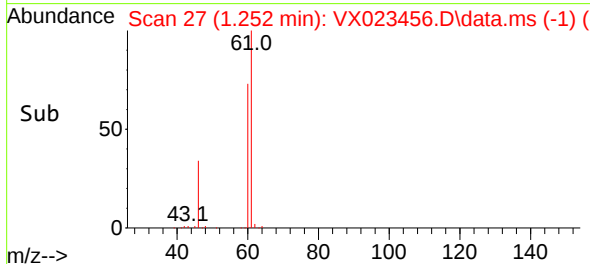
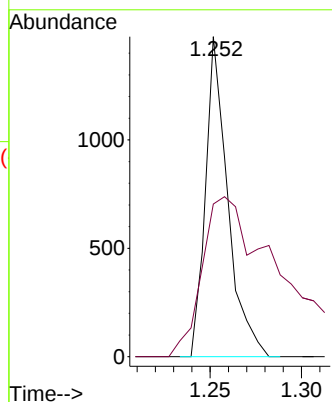
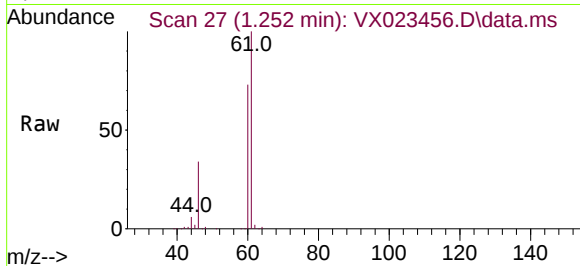




#4
 Vinyl Chloride
 Concen: 0.69 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023456.D
 Acq: 26 Jul 2021 17:12

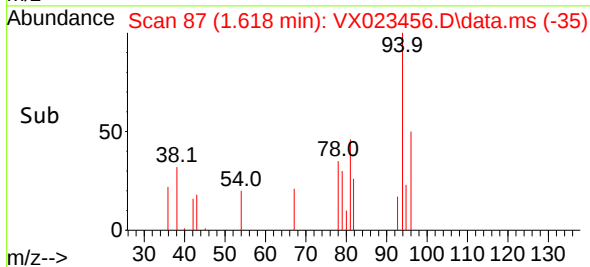
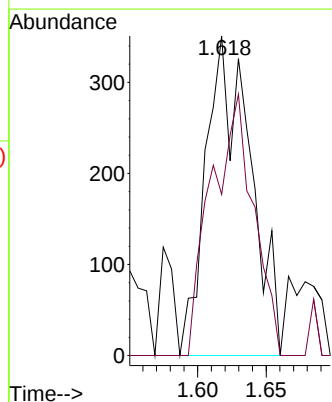
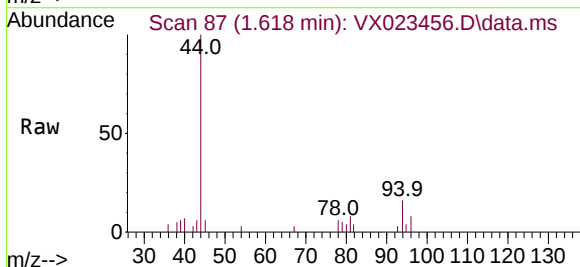
Instrument :
 MSVOA_X
 ClientSampled :

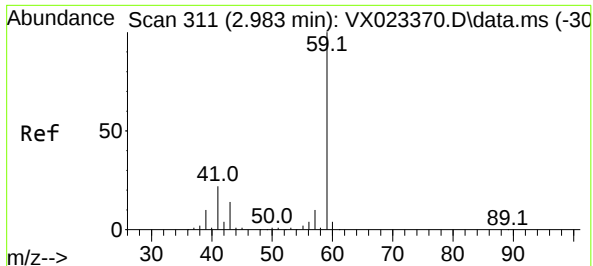
Tgt Ion: 62 Resp: 1251
 Ion Ratio Lower Upper
 62 100
 64 42.8 25.7 38.5#



#5
 Bromomethane
 Concen: 0.73 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023456.D
 Acq: 26 Jul 2021 17:12

Tgt Ion: 94 Resp: 788
 Ion Ratio Lower Upper
 94 100
 96 50.4 76.4 114.6#



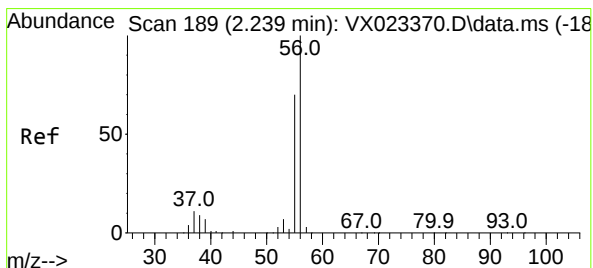
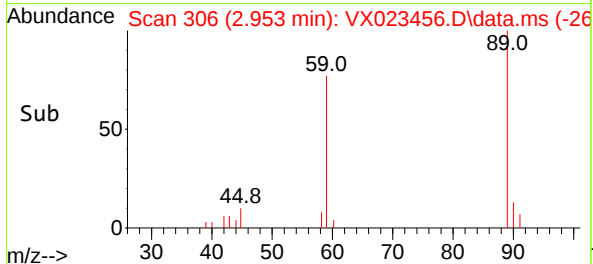
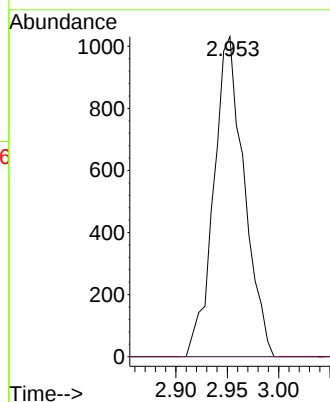
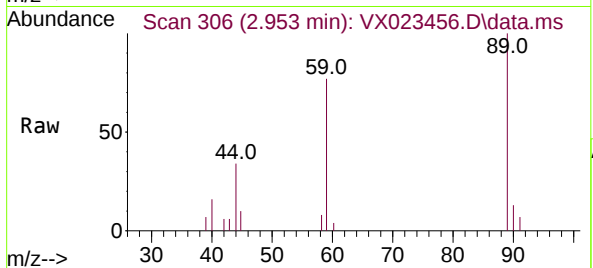


#11

Tert butyl alcohol
Concen: 4.44 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Instrument :
MSVOA_X
ClientSampled :

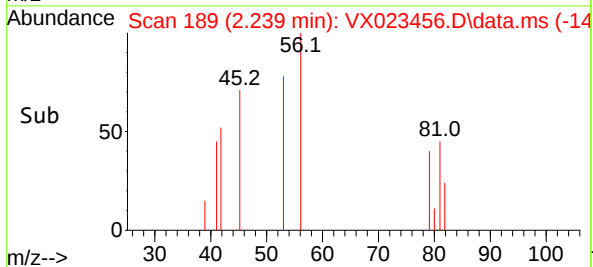
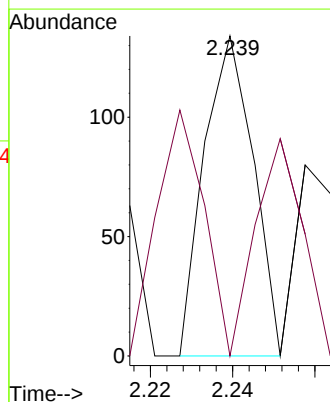
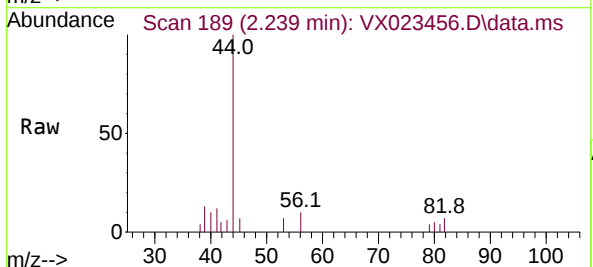
Tgt Ion: 59 Resp: 2122
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

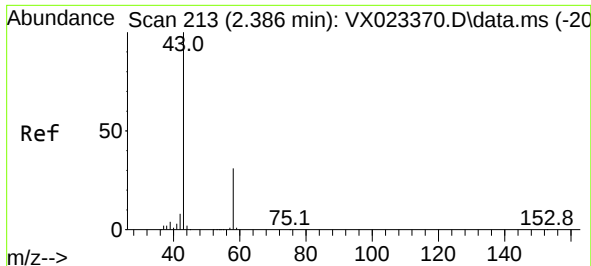


#13

Acrolein
Concen: 1.82 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 73.9 56.4 84.6

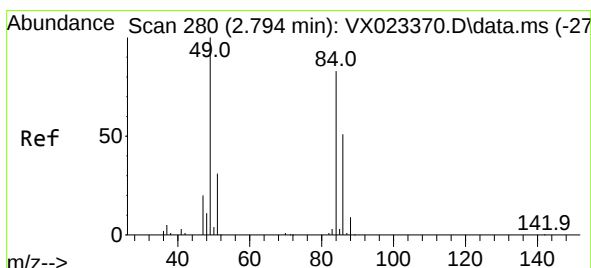
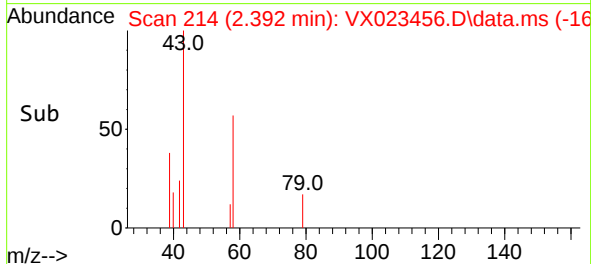
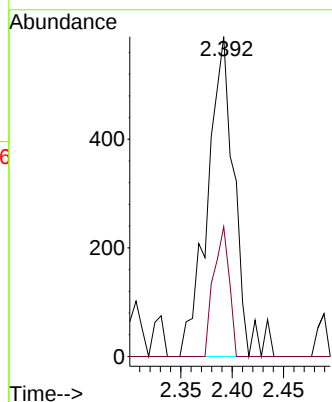
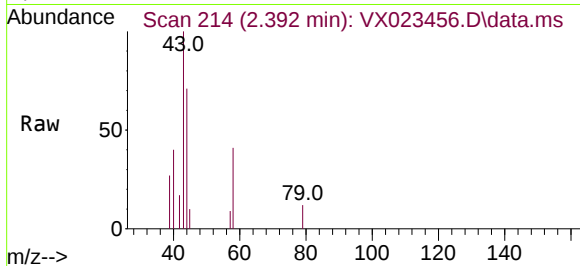




#16
Acetone
Concen: 1.05 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

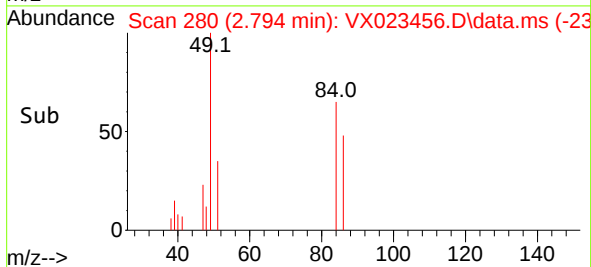
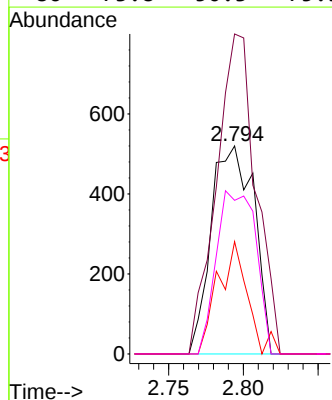
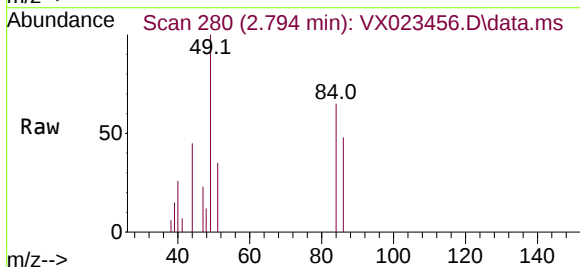
Instrument :
MSVOA_X
ClientSampled :

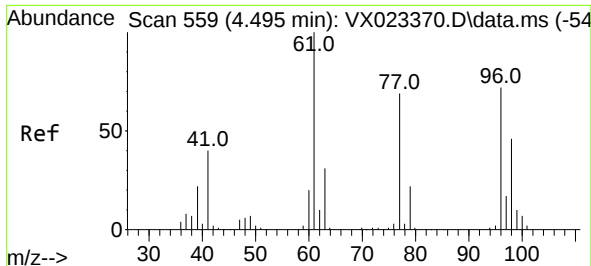
Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 40.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.52 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Tgt Ion: 84 Resp: 1037
Ion Ratio Lower Upper
84 100
49 153.8 88.6 132.8#
51 54.0 27.0 40.6#
86 73.8 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.62 ug/l

RT: 4.501 min Scan# 560

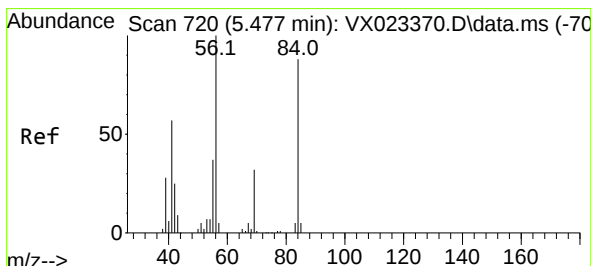
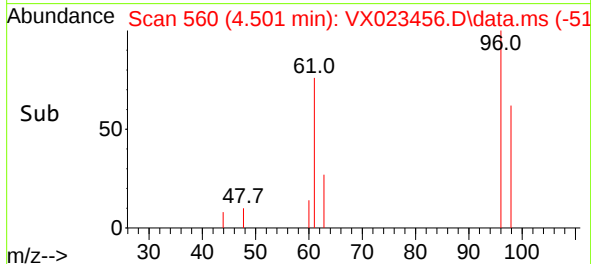
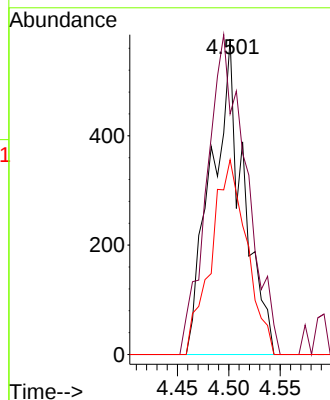
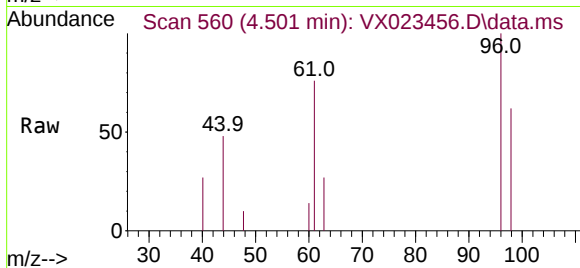
Delta R.T. 0.006 min

Lab File: VX023456.D

Acq: 26 Jul 2021 17:12

Tgt Ion: 96 Resp: 1259

Ion	Ratio	Lower	Upper
96	100		
61	123.4	0.0	285.6
98	68.4	0.0	129.6



#31

Cyclohexane

Concen: 1.16 ug/l

RT: 5.556 min Scan# 733

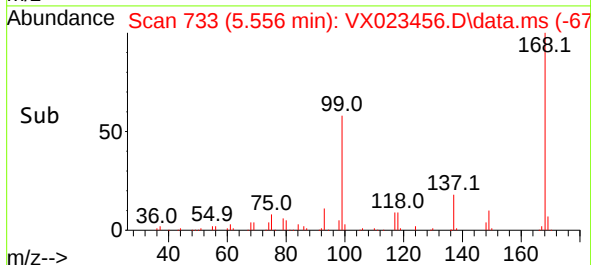
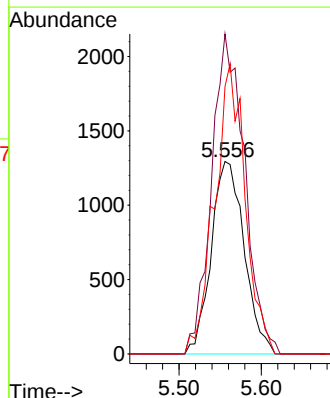
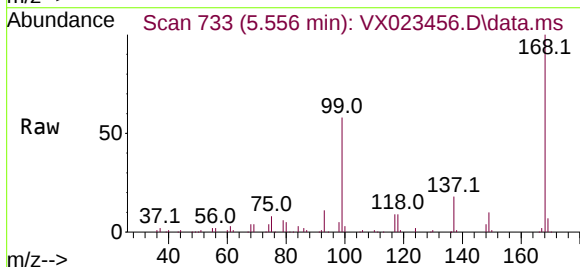
Delta R.T. 0.079 min

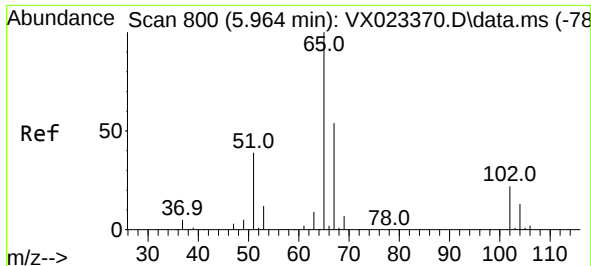
Lab File: VX023456.D

Acq: 26 Jul 2021 17:12

Tgt Ion: 56 Resp: 3596

Ion	Ratio	Lower	Upper
56	100		
69	166.3	25.3	37.9#
84	138.9	71.4	107.0#

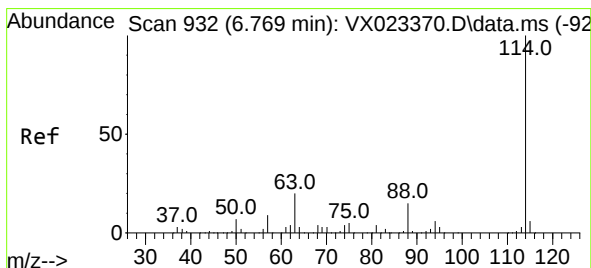
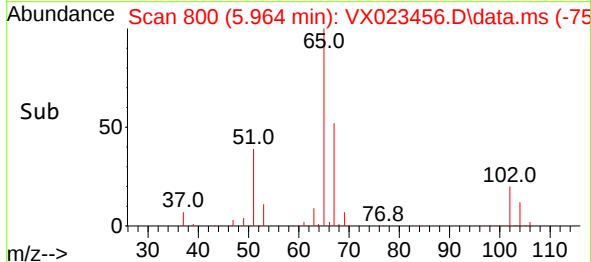
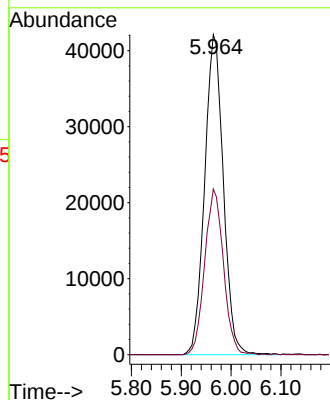
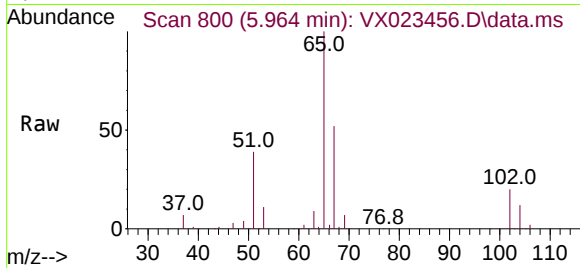




#33
 1,2-Dichloroethane-d4
 Concen: 52.43 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023456.D
 Acq: 26 Jul 2021 17:12

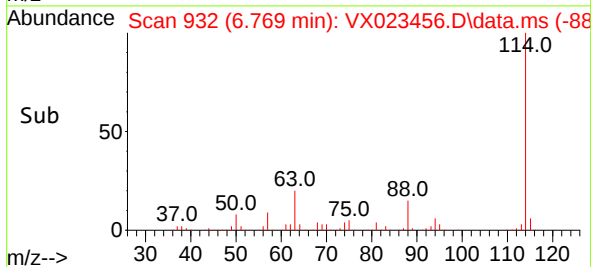
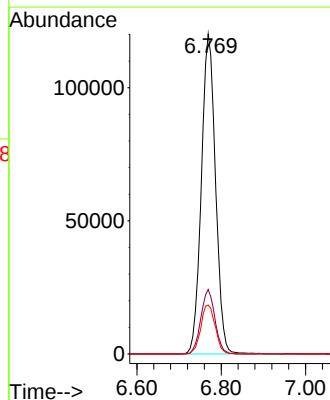
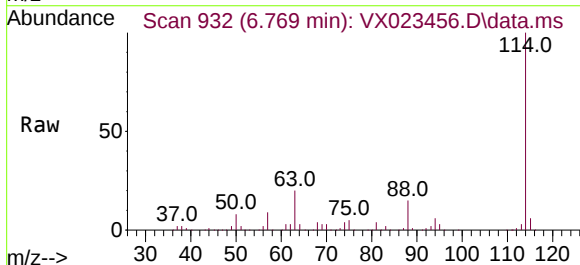
Instrument :
 MSVOA_X
 ClientSampleId :

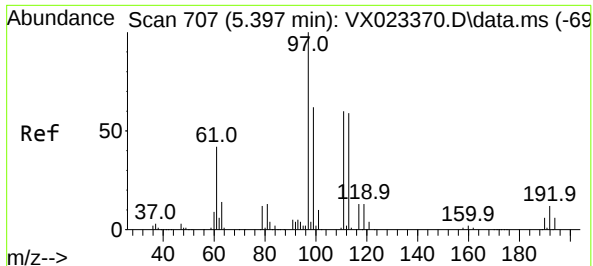
Tgt Ion: 65 Resp: 109686
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023456.D
 Acq: 26 Jul 2021 17:12

Tgt Ion: 114 Resp: 281305
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.84 ug/l

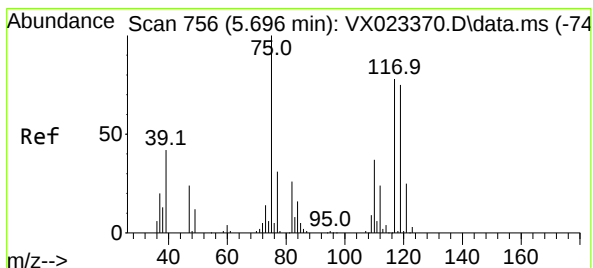
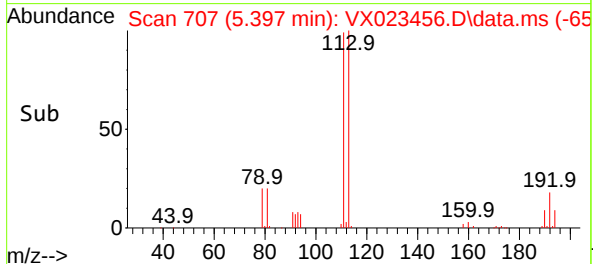
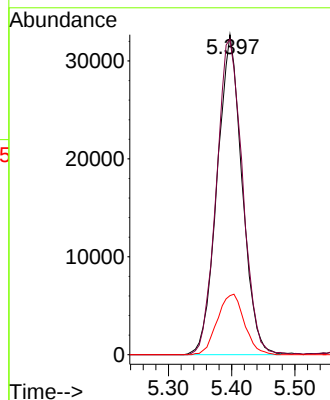
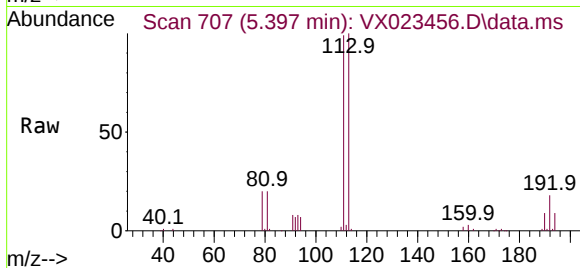
RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023456.D

Acq: 26 Jul 2021 17:12

Tgt Ion:	113	Resp:	89425
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	20.5	16.7	25.1



#36

1,1-Dichloropropene

Concen: 5.08 ug/l

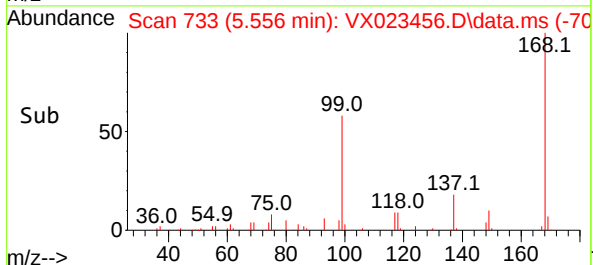
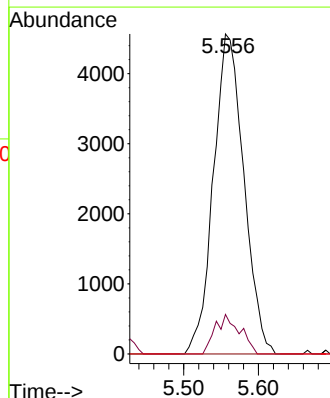
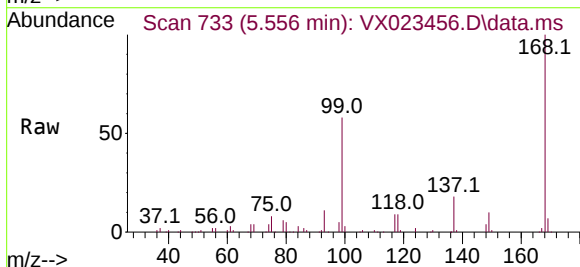
RT: 5.556 min Scan# 733

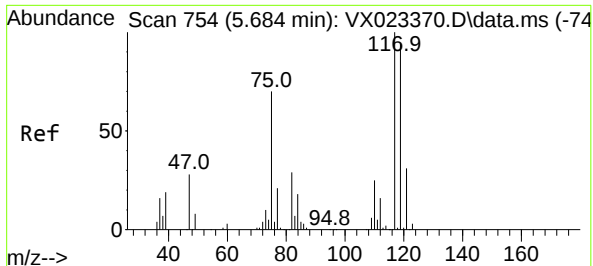
Delta R.T. -0.140 min

Lab File: VX023456.D

Acq: 26 Jul 2021 17:12

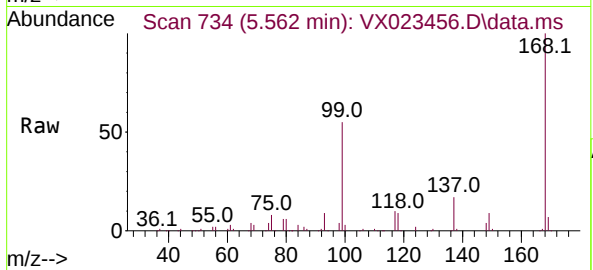
Tgt Ion:	75	Resp:	12917
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#



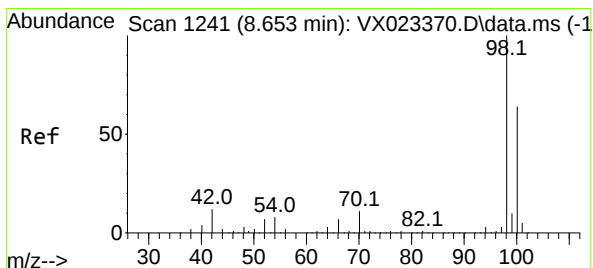
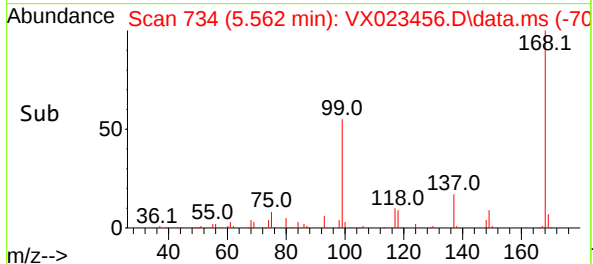
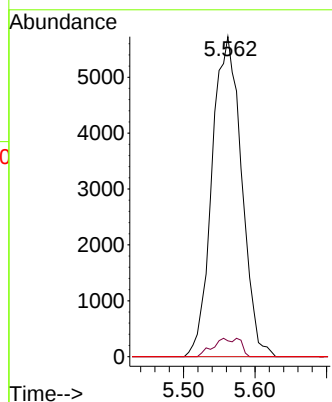


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Instrument :
MSVOA_X
ClientSampled :

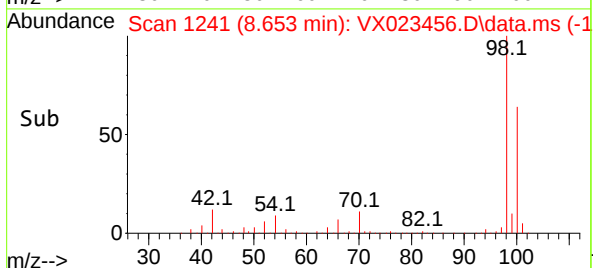
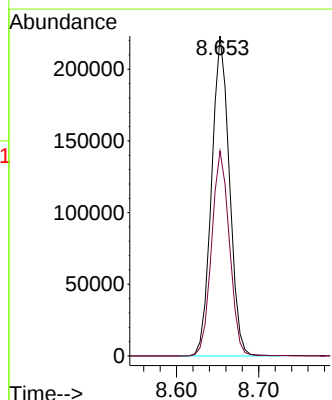
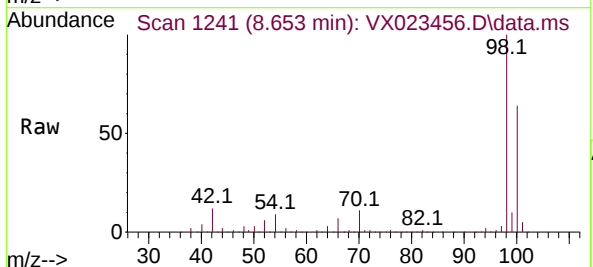


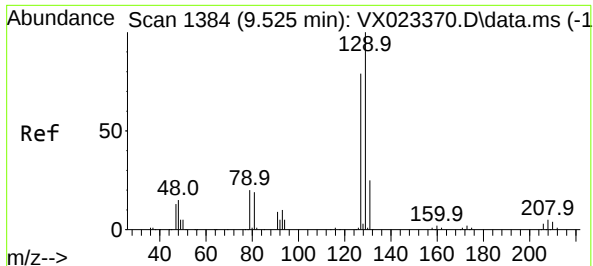
Tgt Ion:117 Resp: 16434
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.00 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Tgt Ion: 98 Resp: 336016
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

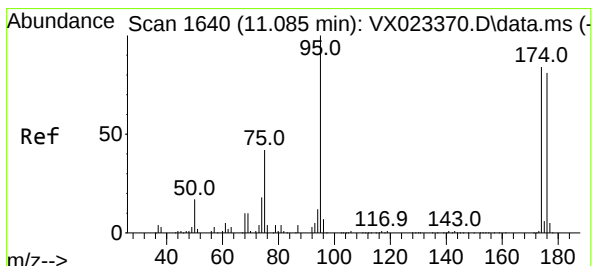
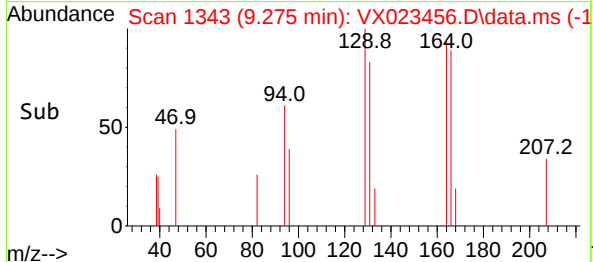
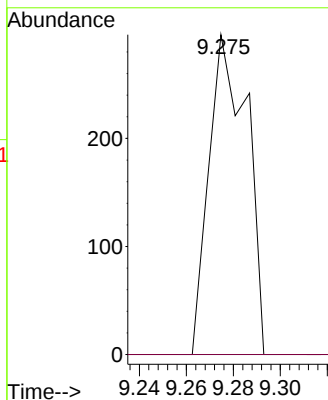
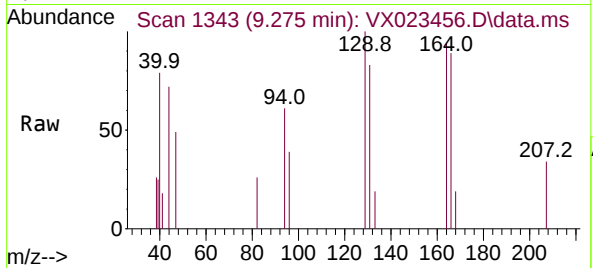




#60
Dibromochloromethane
Concen: 2.14 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

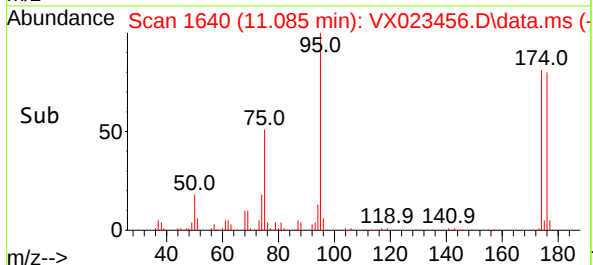
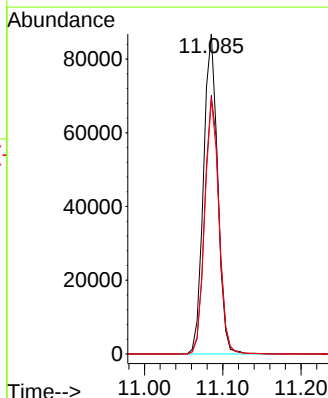
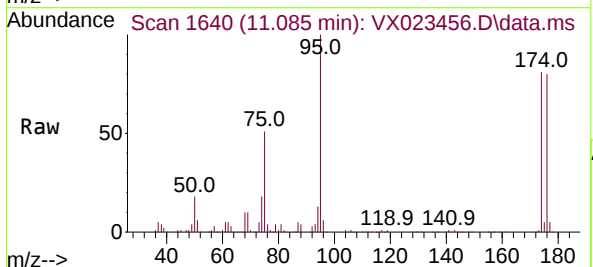
Instrument :
MSVOA_X
ClientSampled :

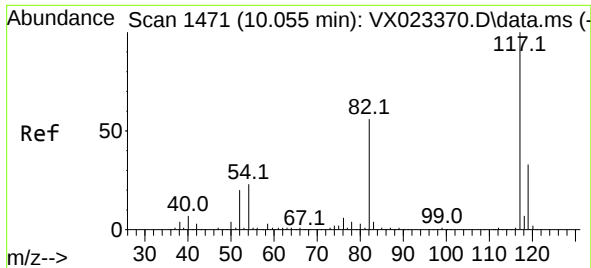
Tgt Ion:129 Resp: 333
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.44 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Tgt Ion: 95 Resp: 108642
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 79.2 0.0 155.8

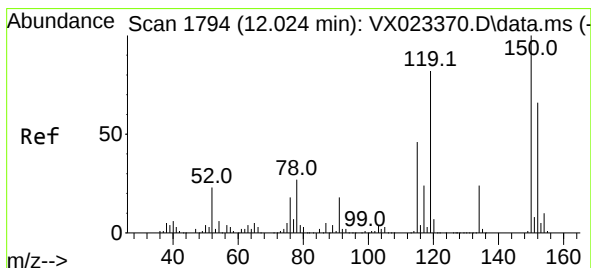
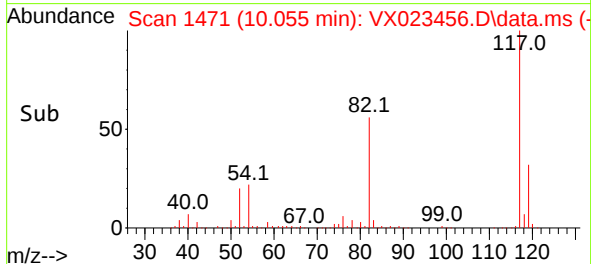
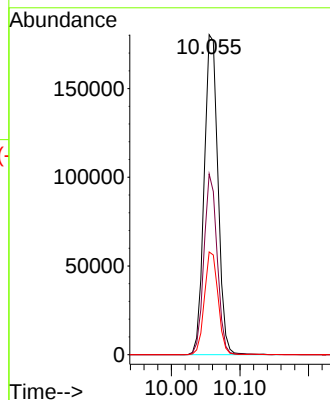
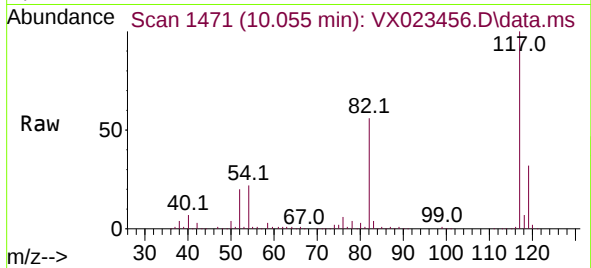




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

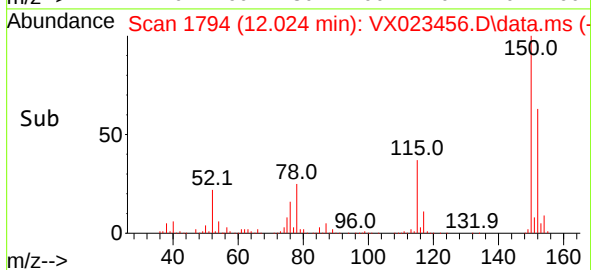
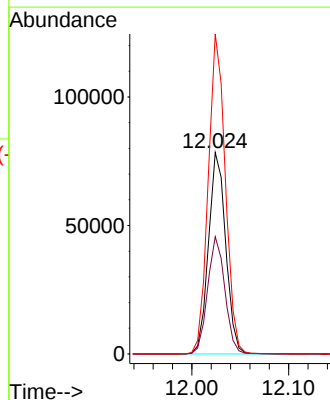
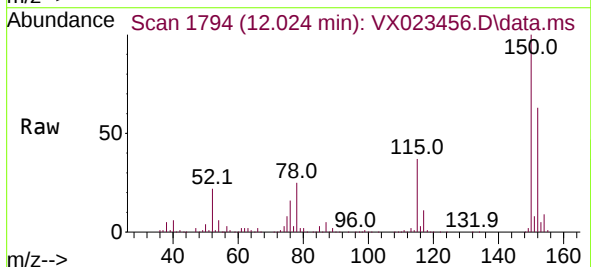
Instrument :
MSVOA_X
ClientSampled :

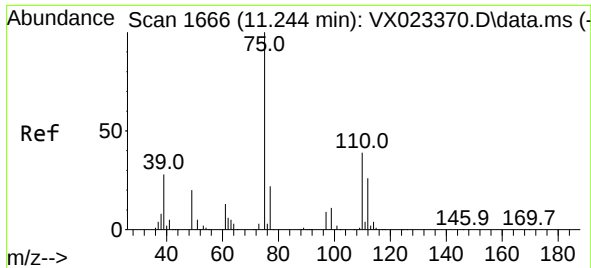
Tgt Ion:117 Resp: 252683
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Tgt Ion:152 Resp: 97254
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 157.4 0.0 349.0

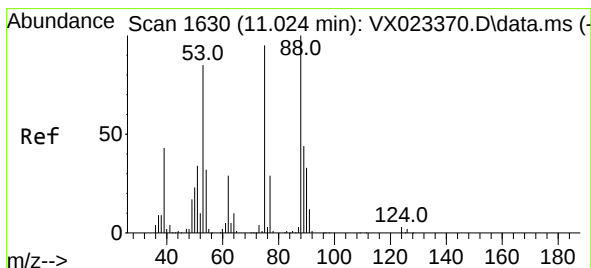
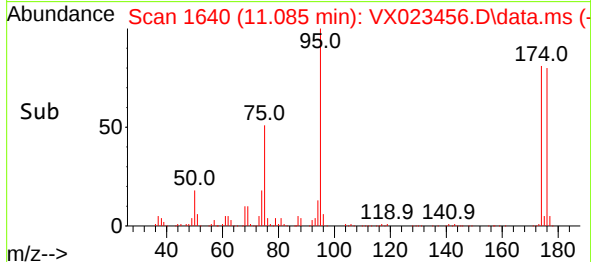
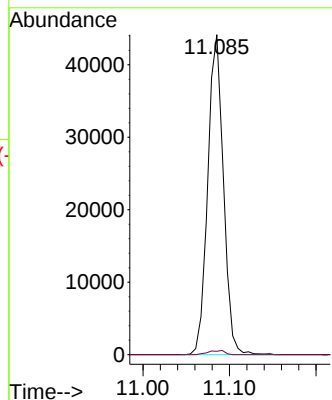
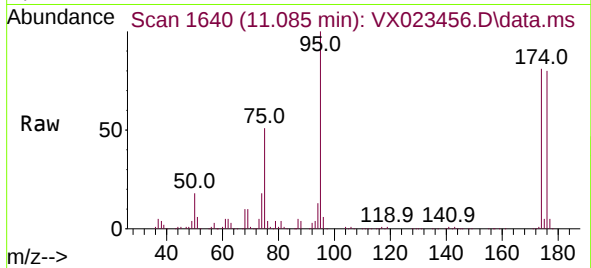




#76
1,2,3-Trichloropropane
Concen: 25.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55456
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.67 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023456.D
Acq: 26 Jul 2021 17:12

Tgt Ion: 75 Resp: 55456
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

