

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023424.D
 Acq On : 23 Jul 2021 15:25
 Operator : JC/MD
 Sample : M3145-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:45:08 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)

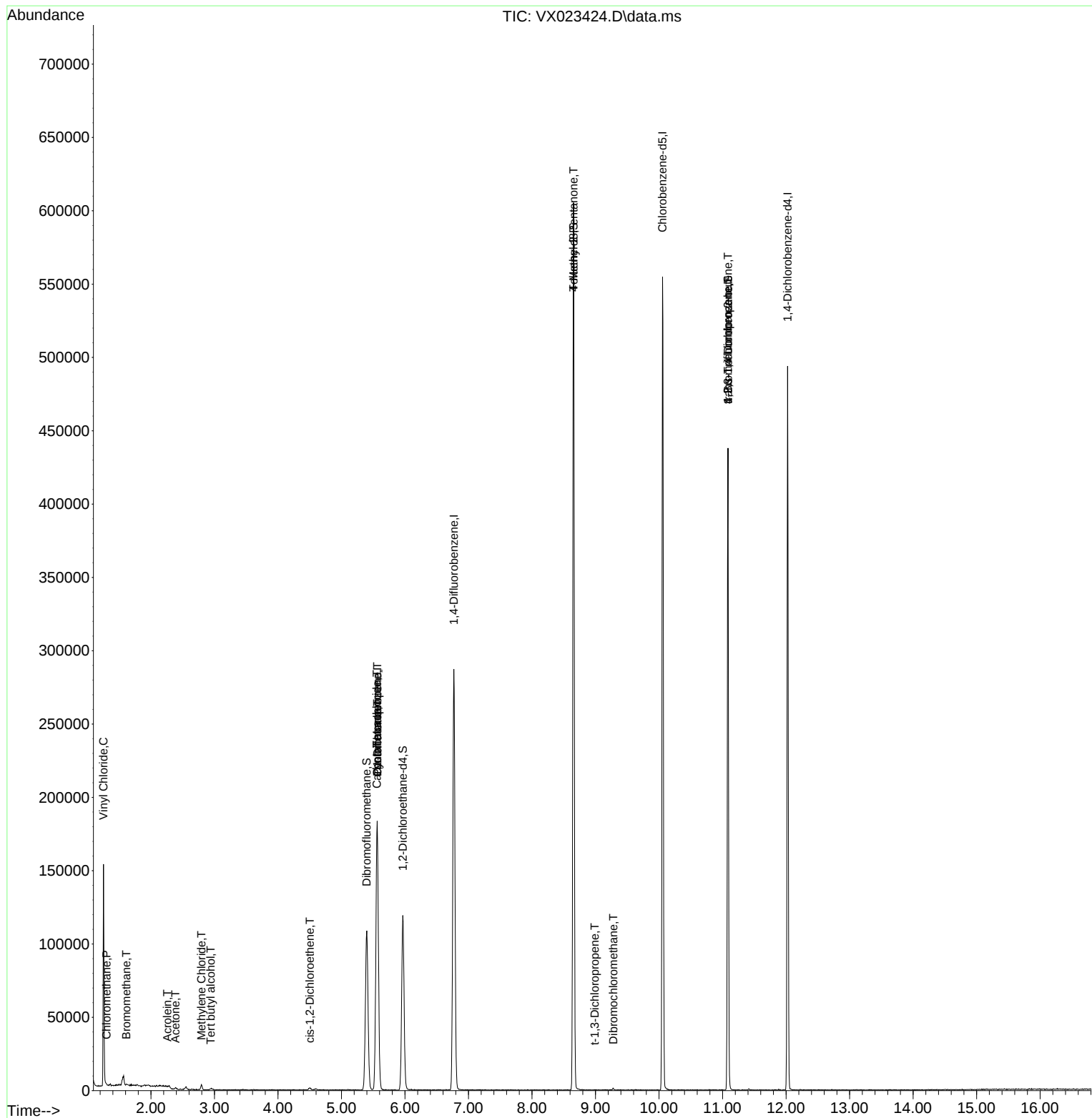
Internal Standards						
1) Pentafluorobenzene	5.562	168	172892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	293627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112595	52.208	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.420%		
35) Dibromofluoromethane	5.397	113	92935	50.621	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.240%		
50) Toluene-d8	8.653	98	349786	51.858	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.720%		
62) 4-Bromofluorobenzene	11.085	95	108919	47.488	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.980%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	440	0.237	ug/l	97
4) Vinyl Chloride	1.252	62	1186	0.632	ug/l #	8
5) Bromomethane	1.611	94	243	0.218	ug/l	94
11) Tert butyl alcohol	2.941	59	410	0.832	ug/l #	73
13) Acrolein	2.258	56	29	1.479	ug/l #	1
16) Acetone	2.386	43	1038	0.981	ug/l	95
20) Methylene Chloride	2.794	84	1510	0.734	ug/l #	91
27) cis-1,2-Dichloroethene	4.501	96	1003	0.479	ug/l	82
31) Cyclohexane	5.562	56	3743	1.172	ug/l #	28
36) 1,1-Dichloropropene	5.562	75	13286	5.002	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17800	6.590	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1625	0.512	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	33	1.827	ug/l #	44
60) Dibromochloromethane	9.281	129	140	2.044	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56268	25.539	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56268	68.671	ug/l #	12

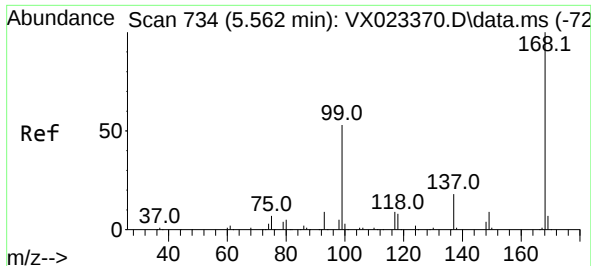
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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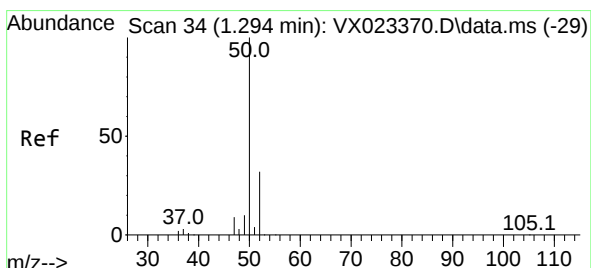
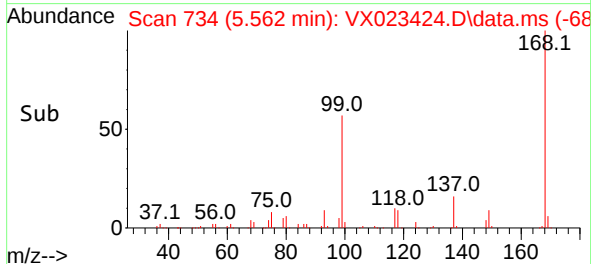
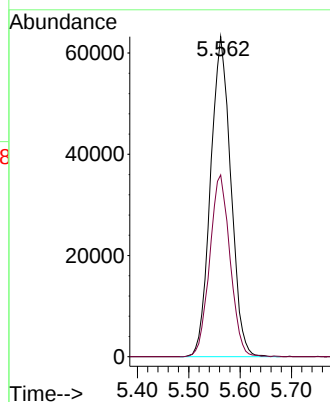
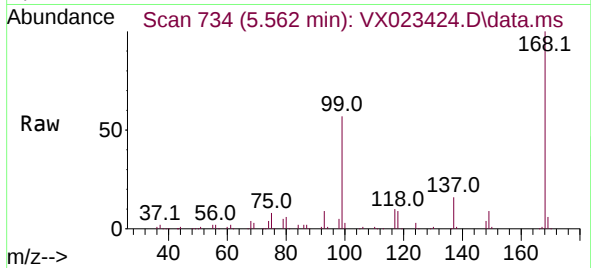




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

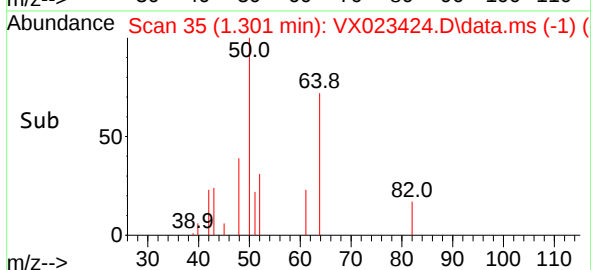
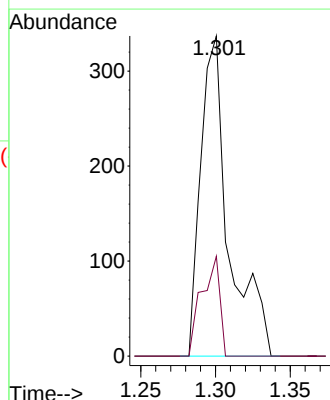
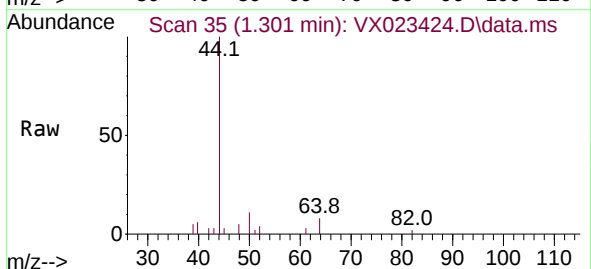
Instrument :
MSVOA_X
ClientSampled :

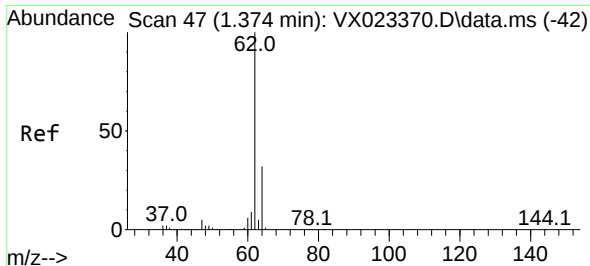
Tgt Ion:168 Resp: 172892
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Tgt Ion: 50 Resp: 440
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6

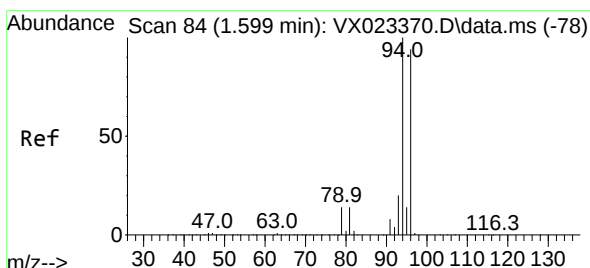
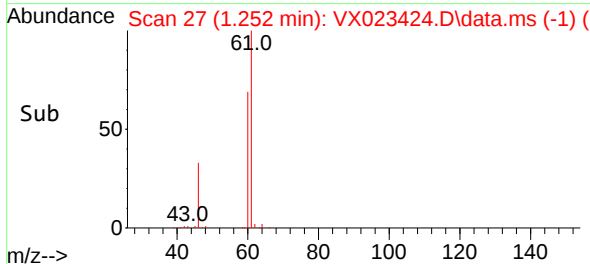
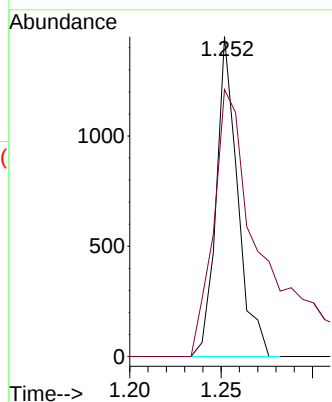
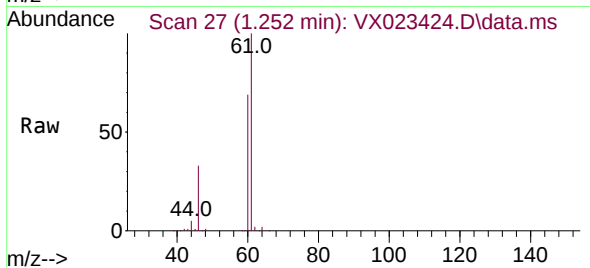




#4
 Vinyl Chloride
 Concen: 0.632 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023424.D
 Acq: 23 Jul 2021 15:25

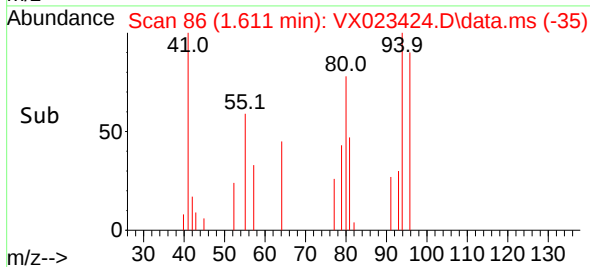
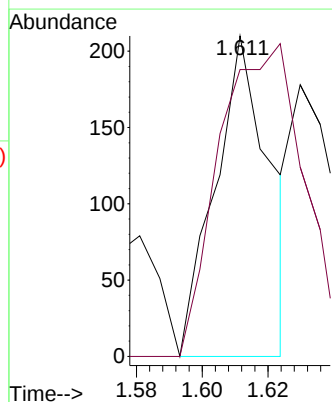
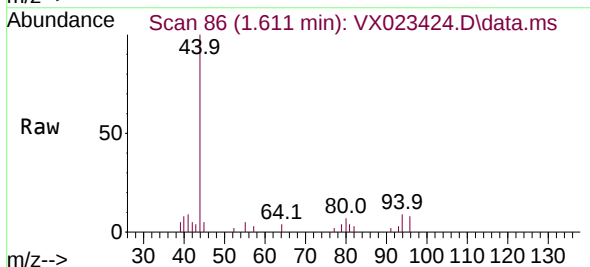
Instrument :
 MSVOA_X
 ClientSampleId :

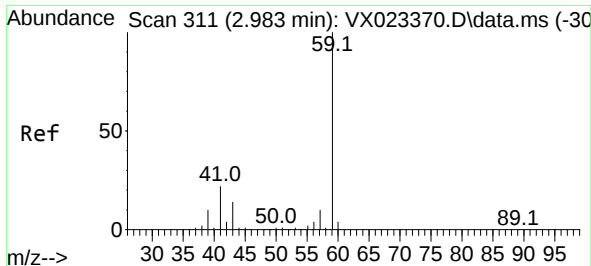
Tgt Ion: 62 Resp: 1186
 Ion Ratio Lower Upper
 62 100
 64 83.5 25.7 38.5#



#5
 Bromomethane
 Concen: 0.218 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX023424.D
 Acq: 23 Jul 2021 15:25

Tgt Ion: 94 Resp: 243
 Ion Ratio Lower Upper
 94 100
 96 89.5 76.4 114.6



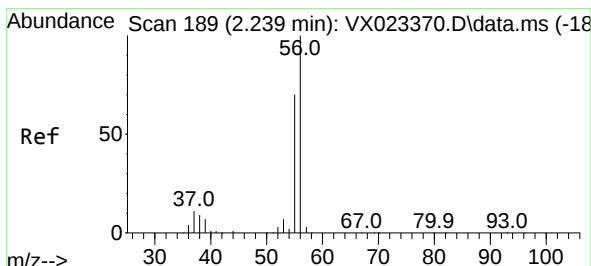
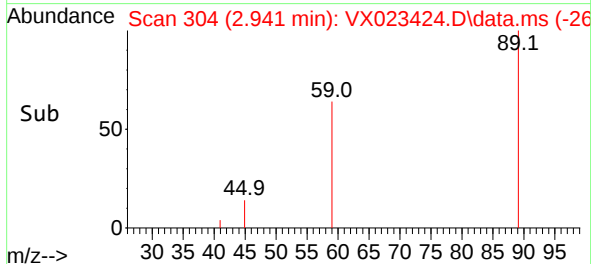
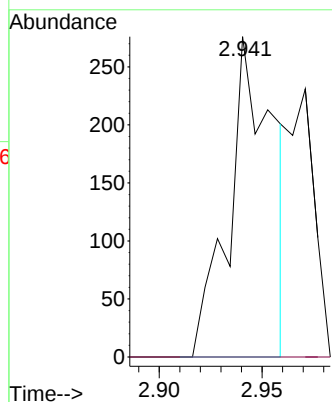
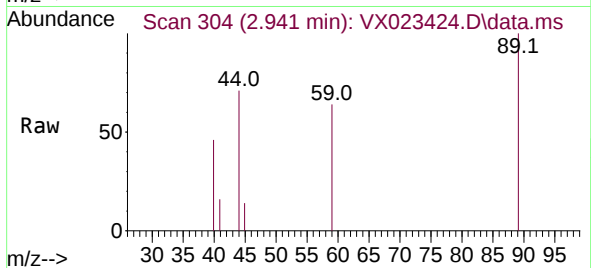


#11

Tert butyl alcohol
Concen: 0.832 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Instrument :
MSVOA_X
ClientSampled :

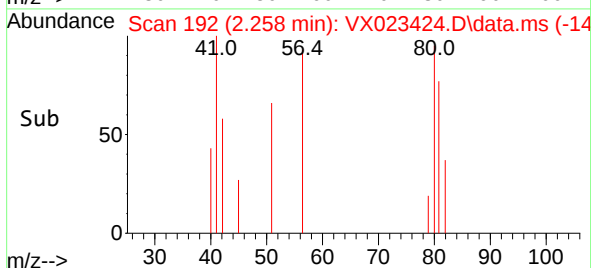
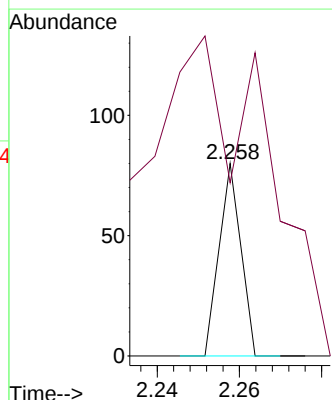
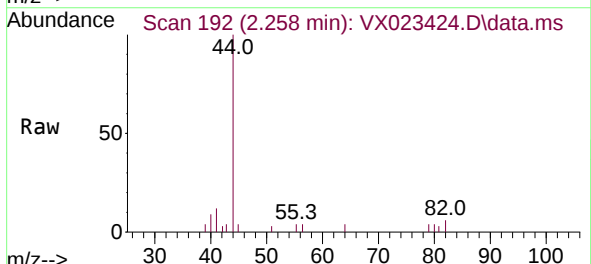
Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

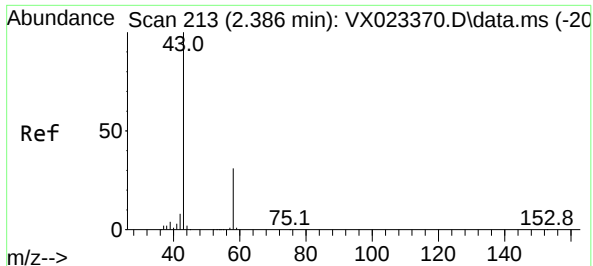


#13

Acrolein
Concen: 1.479 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 900.0 56.4 84.6#

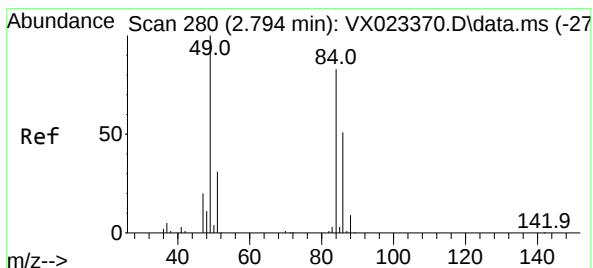
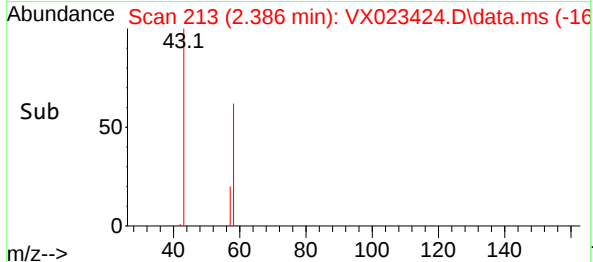
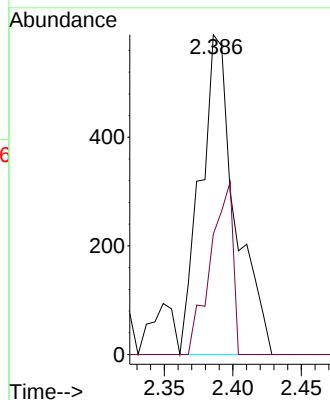
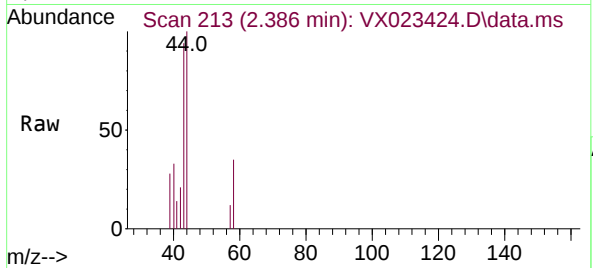




#16
Acetone
Concen: 0.981 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

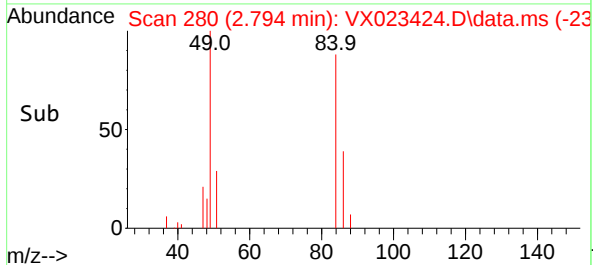
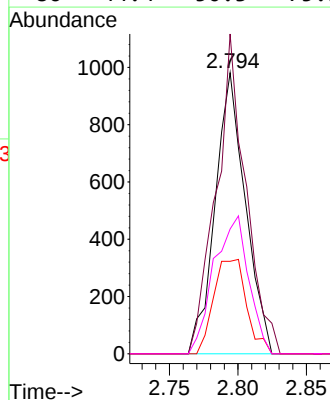
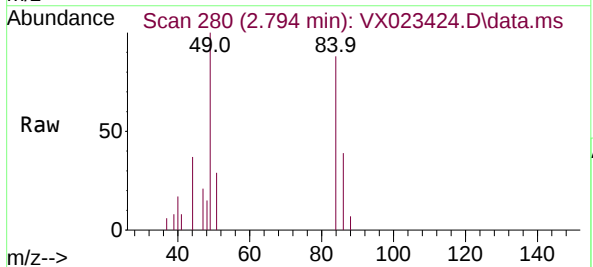
Instrument :
MSVOA_X
ClientSampled :

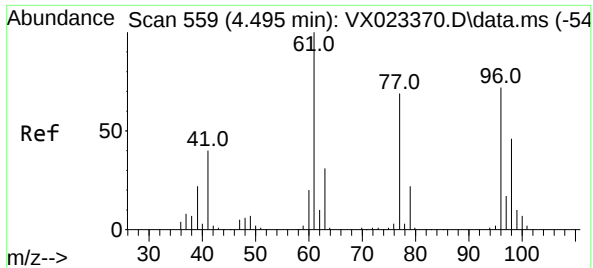
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 37.7 27.8 41.8



#20
Methylene Chloride
Concen: 0.734 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Tgt Ion: 84 Resp: 1510
Ion Ratio Lower Upper
84 100
49 113.7 88.6 132.8
51 32.9 27.0 40.6
86 44.4 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 0.479 ug/l

RT: 4.501 min Scan# 560

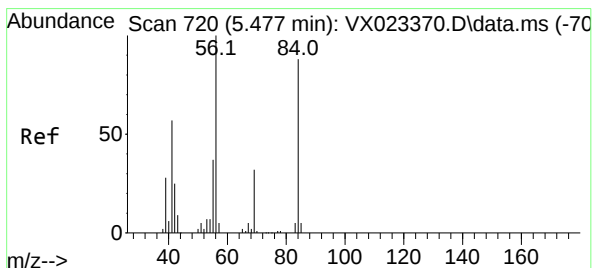
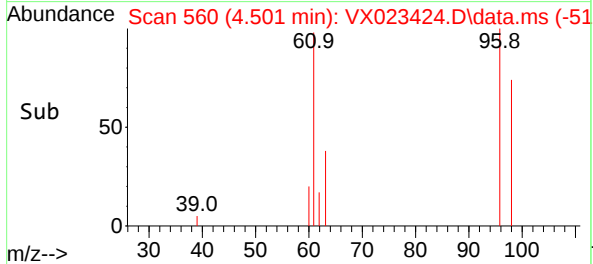
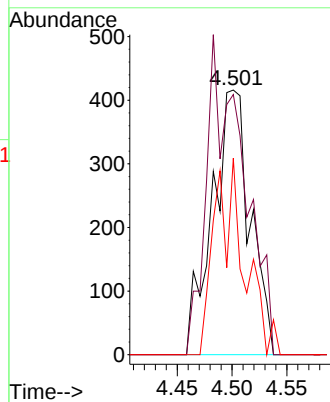
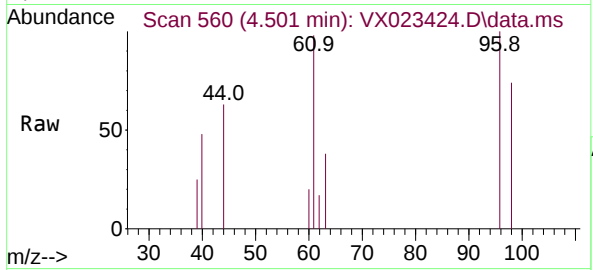
Delta R.T. 0.006 min

Lab File: VX023424.D

Acq: 23 Jul 2021 15:25

Tgt Ion: 96 Resp: 1003

Ion	Ratio	Lower	Upper
96	100		
61	116.3	0.0	285.6
98	57.6	0.0	129.6



#31

Cyclohexane

Concen: 1.172 ug/l

RT: 5.562 min Scan# 734

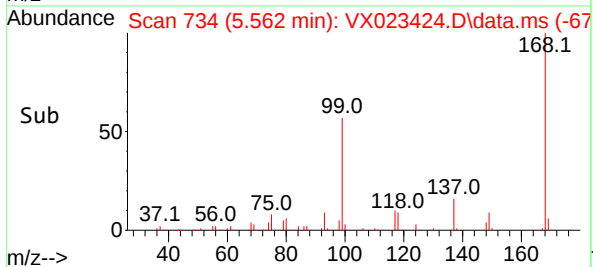
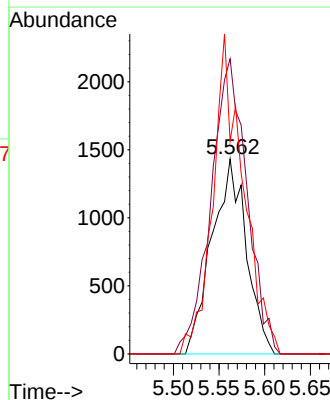
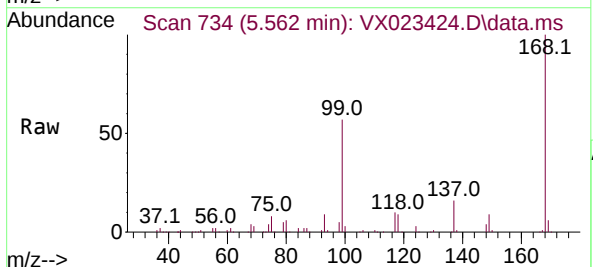
Delta R.T. 0.085 min

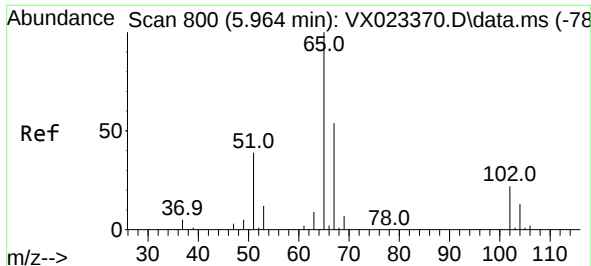
Lab File: VX023424.D

Acq: 23 Jul 2021 15:25

Tgt Ion: 56 Resp: 3743

Ion	Ratio	Lower	Upper
56	100		
69	151.4	25.3	37.9#
84	109.1	71.4	107.0#

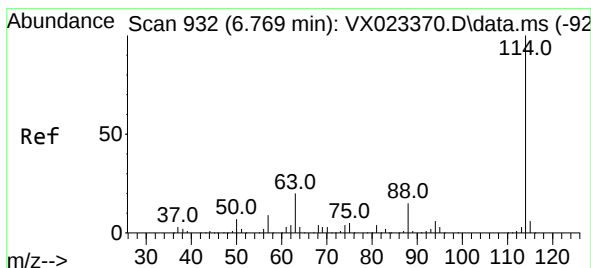
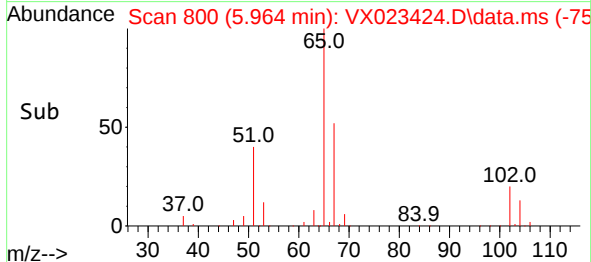
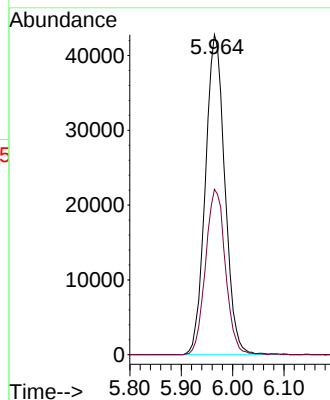
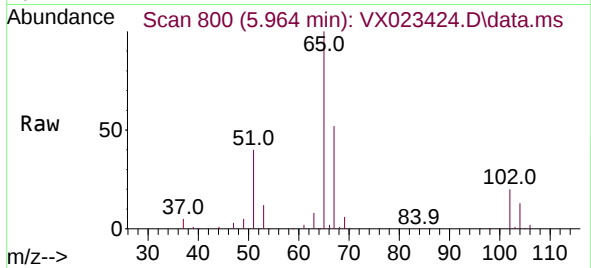




#33
 1,2-Dichloroethane-d4
 Concen: 52.208 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023424.D
 Acq: 23 Jul 2021 15:25

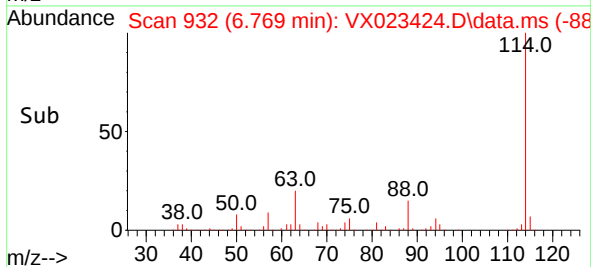
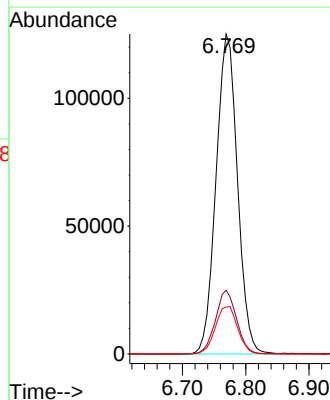
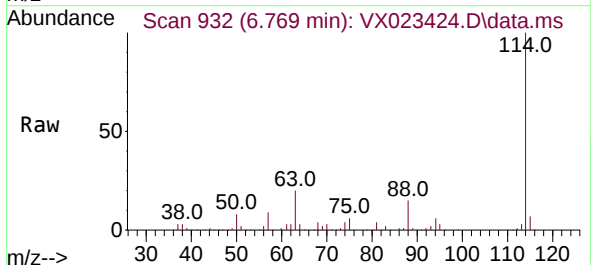
Instrument :
 MSVOA_X
 ClientSampled :

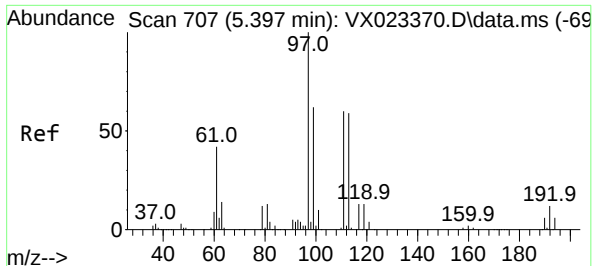
Tgt Ion: 65 Resp: 112595
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023424.D
 Acq: 23 Jul 2021 15:25

Tgt Ion: 114 Resp: 293627
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 14.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.621 ug/l

RT: 5.397 min Scan# 707

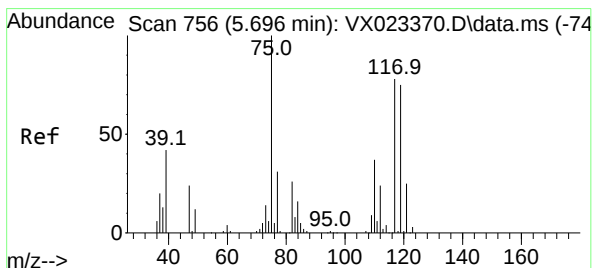
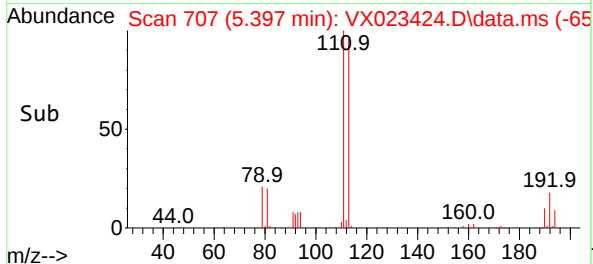
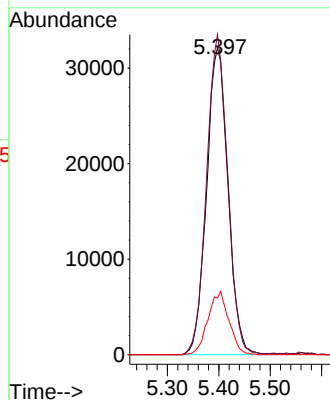
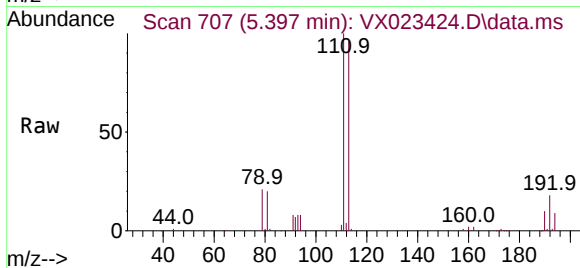
Delta R.T. 0.000 min

Lab File: VX023424.D

Acq: 23 Jul 2021 15:25

Tgt Ion:	113	Resp:	92935
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	20.2	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.002 ug/l

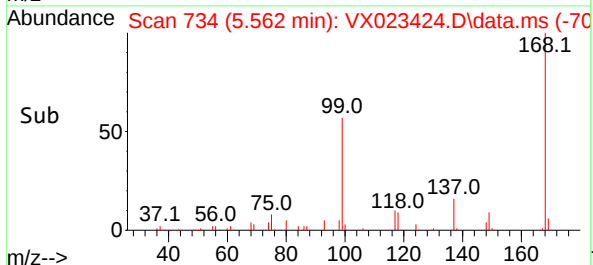
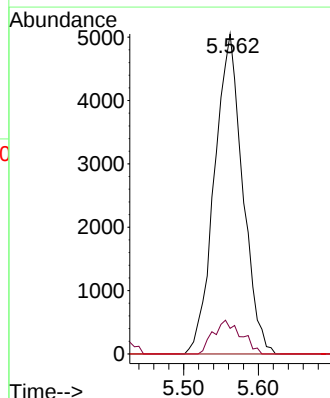
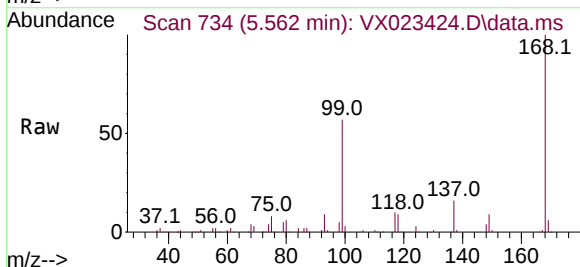
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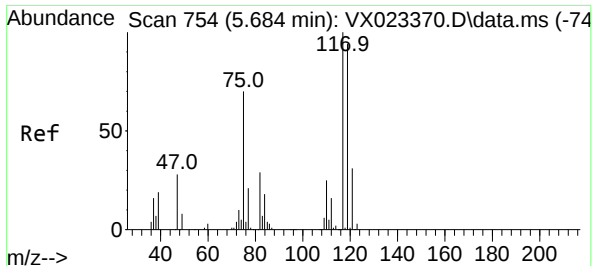
Delta R.T. -0.134 min

Lab File: VX023424.D

Acq: 23 Jul 2021 15:25

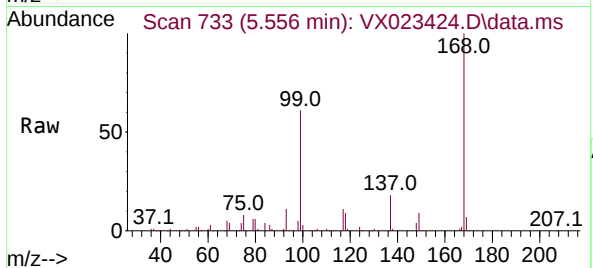
Tgt Ion:	75	Resp:	13286
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	25.3	37.9#



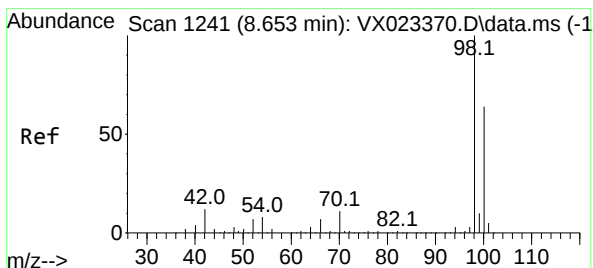
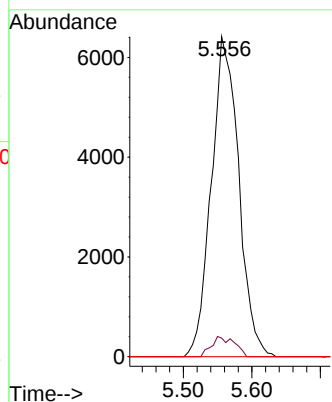
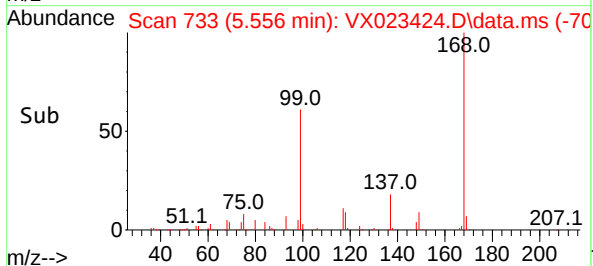


#38
Carbon Tetrachloride
Concen: 6.590 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

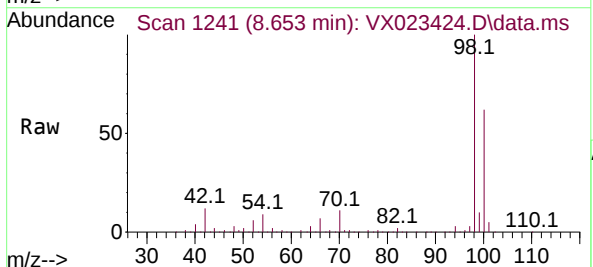
Instrument :
MSVOA_X
ClientSampleId :



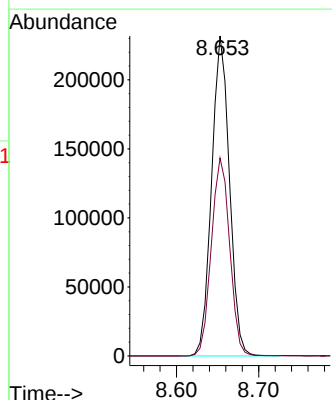
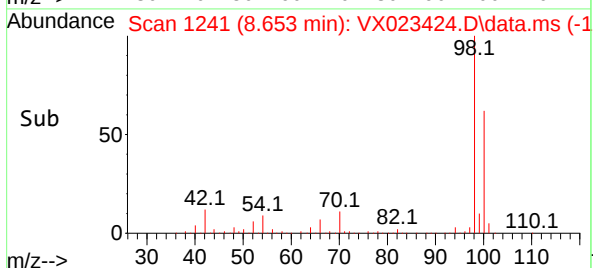
Tgt Ion:117 Resp: 17800
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

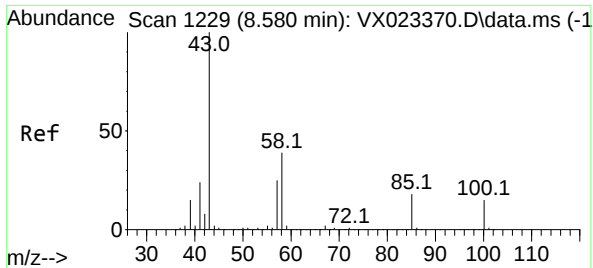


#50
Toluene-d8
Concen: 51.858 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25



Tgt Ion: 98 Resp: 349786
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

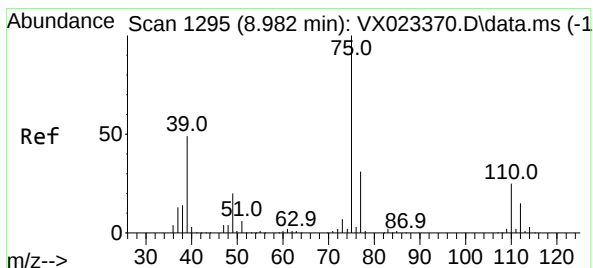
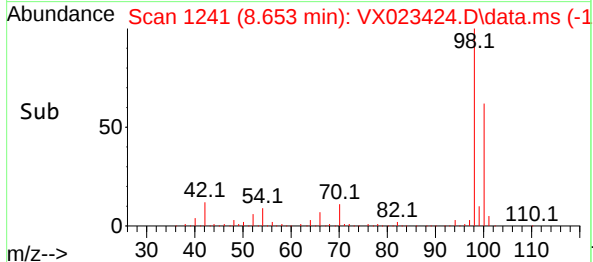
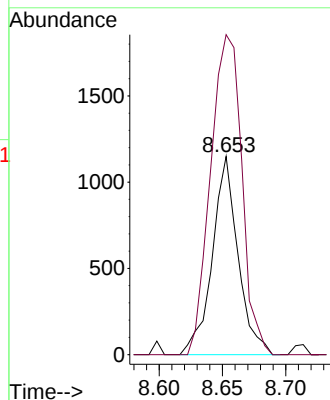
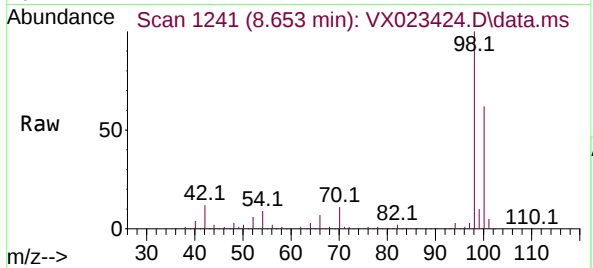




#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

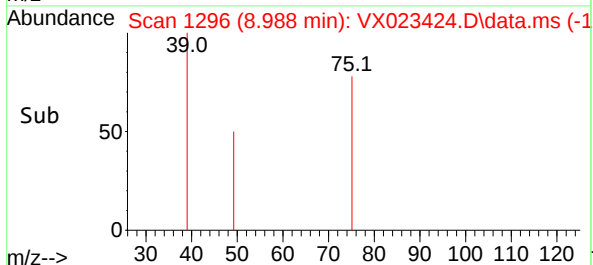
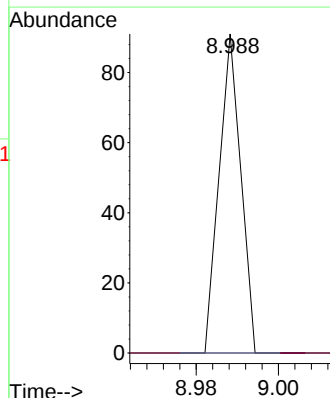
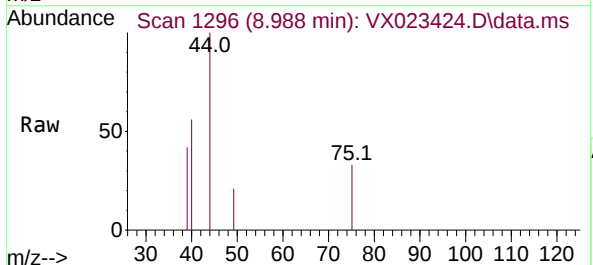
Instrument :
MSVOA_X
ClientSampled :

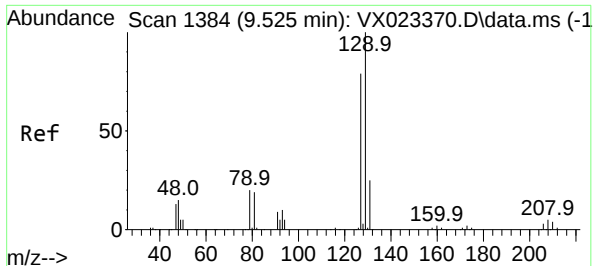
Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 196.2 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.827 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Tgt Ion: 75 Resp: 33
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

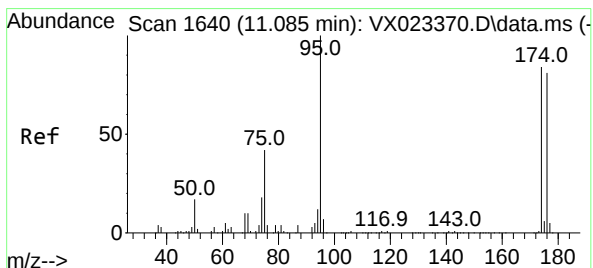
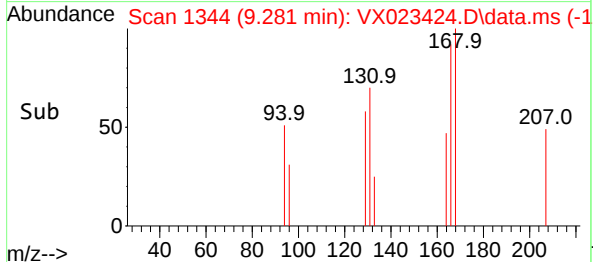
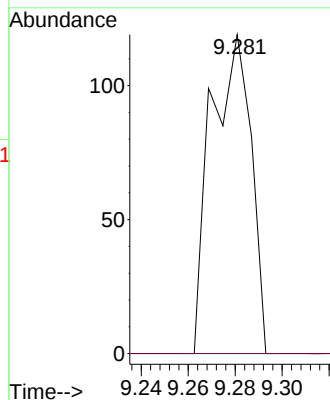
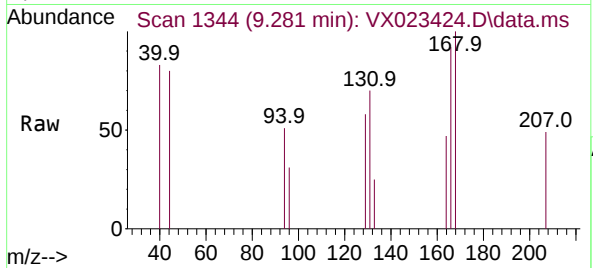




#60
Dibromochloromethane
Concen: 2.044 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

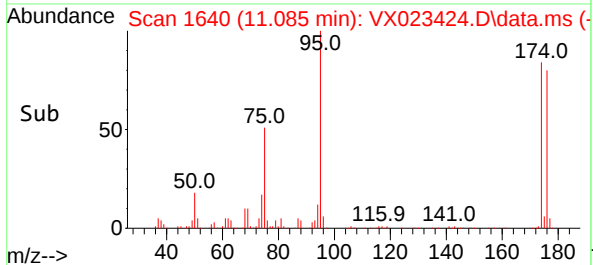
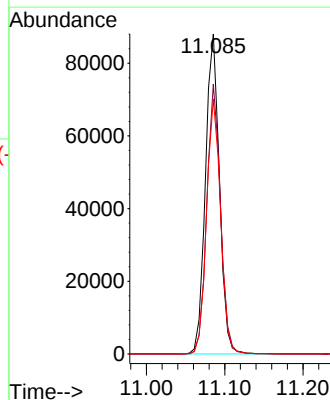
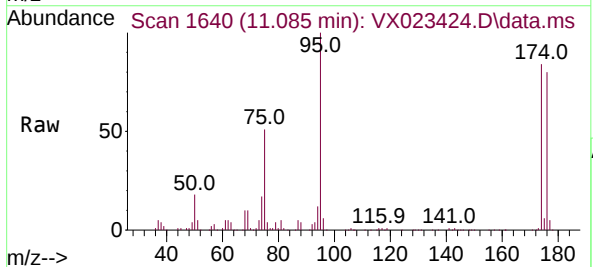
Instrument :
MSVOA_X
ClientSampled :

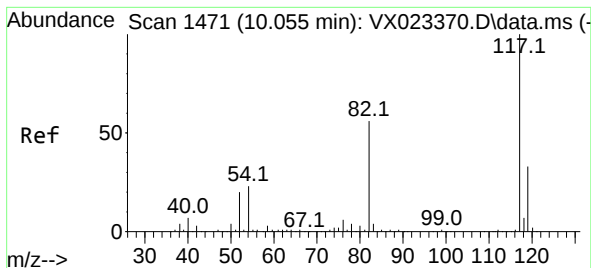
Tgt Ion:129 Resp: 140
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.488 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Tgt Ion: 95 Resp: 108919
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 79.8 0.0 155.8

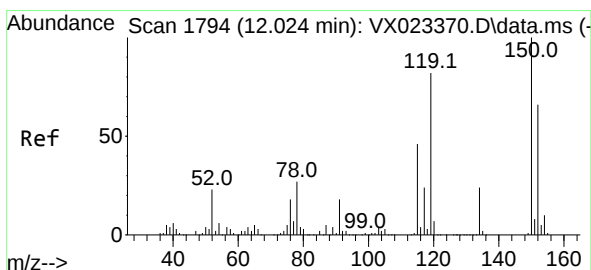
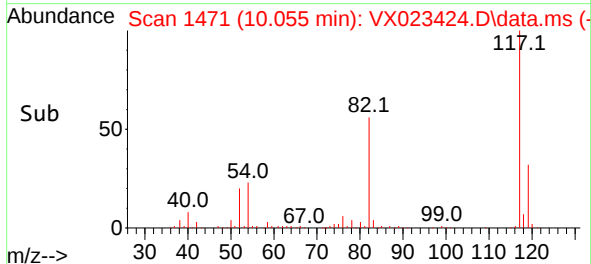
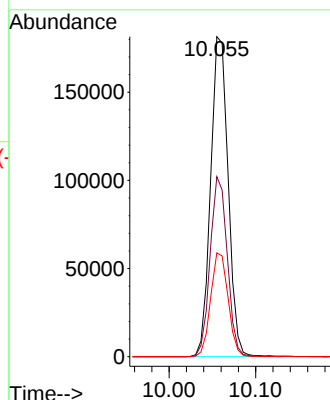
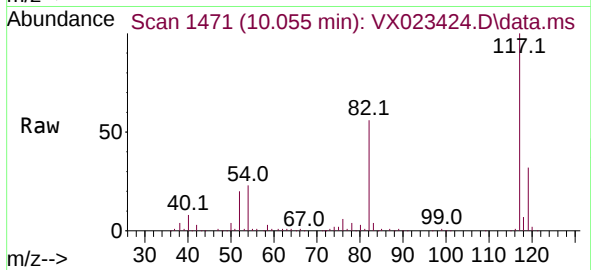




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

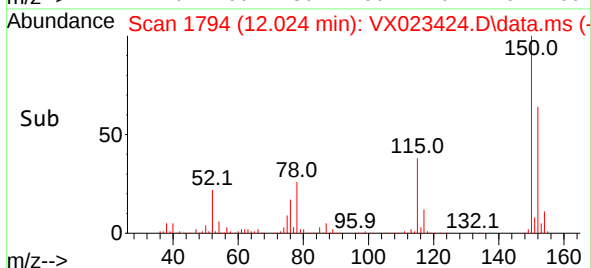
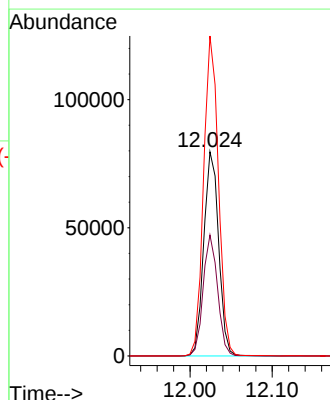
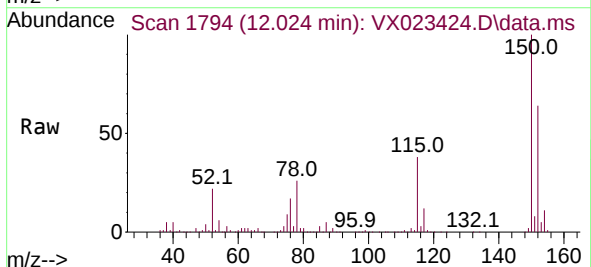
Instrument :
MSVOA_X
ClientSampled :

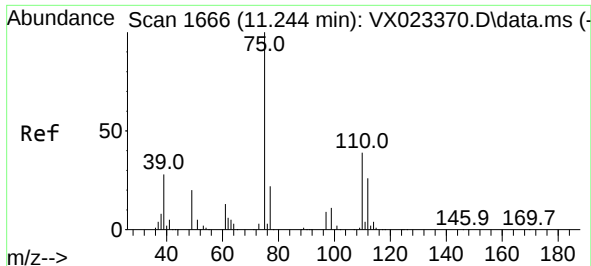
Tgt Ion:117 Resp: 254970
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Tgt Ion:152 Resp: 100121
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 156.4 0.0 349.0

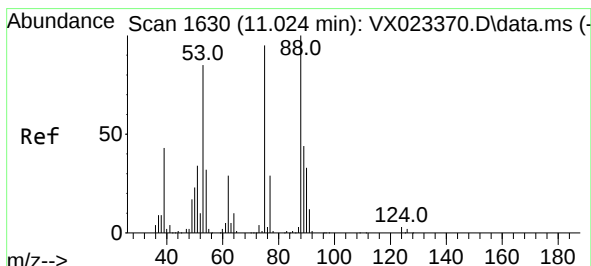
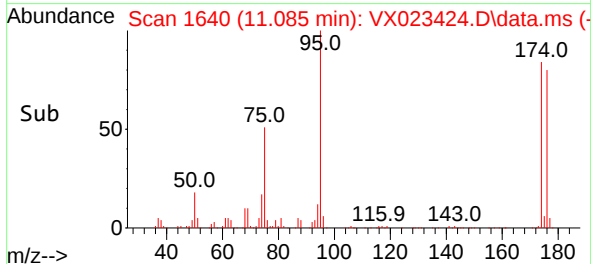
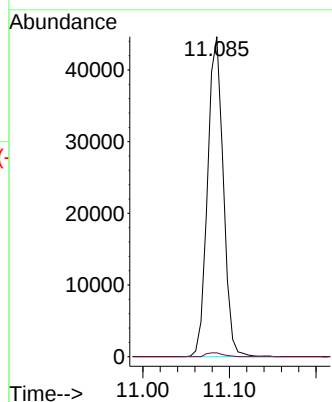
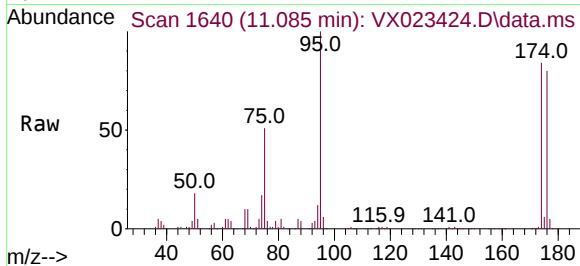




#76
1,2,3-Trichloropropane
Concen: 25.539 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56268
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.671 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023424.D
Acq: 23 Jul 2021 15:25

Tgt Ion: 75 Resp: 56268
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

