

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023171.D
 Acq On : 07 Jul 2021 14:41
 Operator : JC/MD
 Sample : M2939-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:19:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

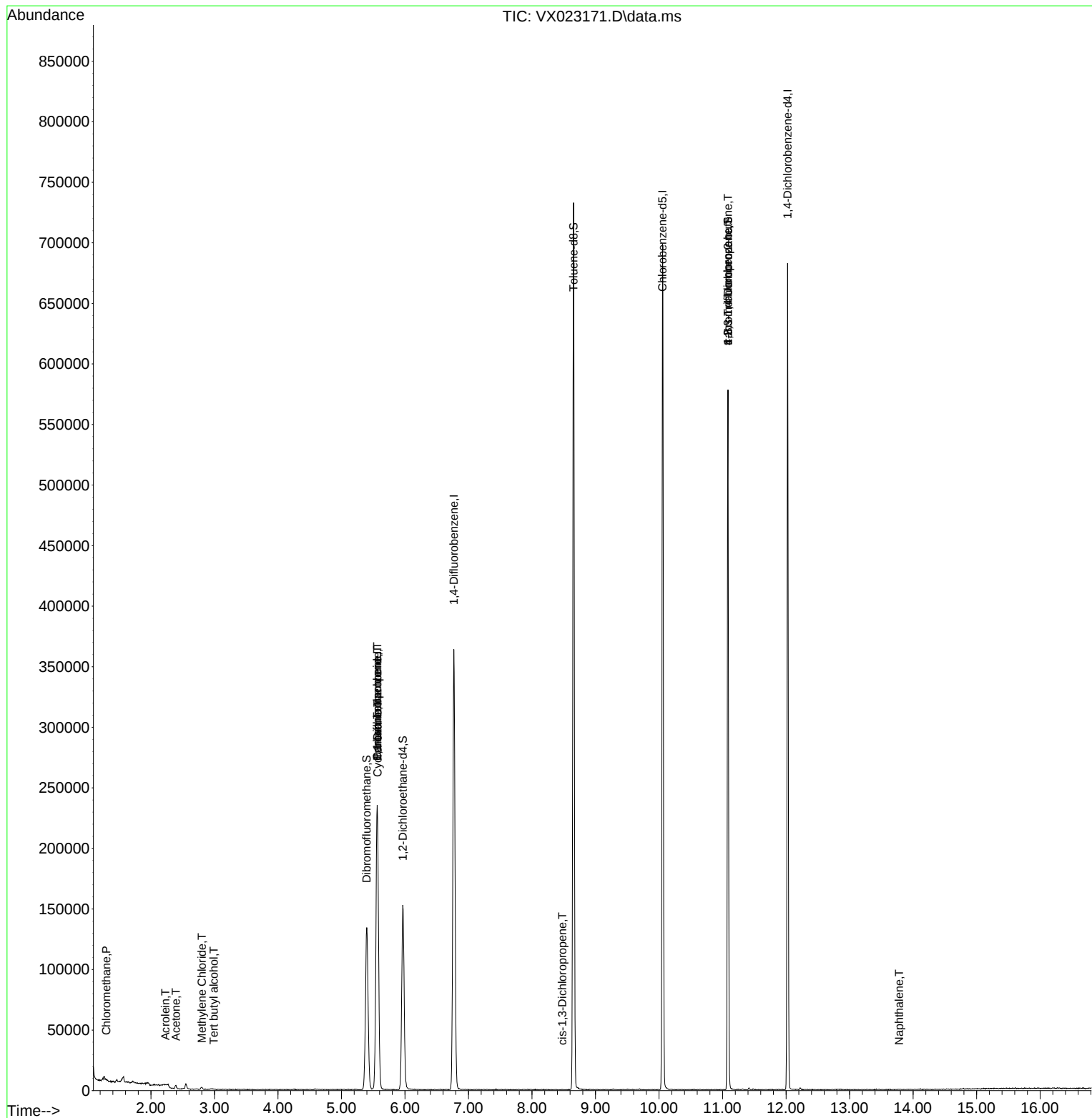
Internal Standards						
1) Pentafluorobenzene	5.562	168	218262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	361001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152784	52.084	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.160%		
35) Dibromofluoromethane	5.397	113	114323	49.041	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.080%		
50) Toluene-d8	8.653	98	424078	48.768	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.540%		
62) 4-Bromofluorobenzene	11.085	95	148595	44.263	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	533	0.272	ug/l #	82
5) Bromomethane	1.618	94	429	Below Cal		87
11) Tert butyl alcohol	2.989	59	149	0.241	ug/l #	73
13) Acrolein	2.227	56	174	0.423	ug/l #	73
16) Acetone	2.392	43	3146	2.711	ug/l	88
20) Methylene Chloride	2.800	84	579	0.232	ug/l #	94
31) Cyclohexane	5.568	56	4876	1.388	ug/l #	22
36) 1,1-Dichloropropene	5.562	75	17512	5.441	ug/l #	50
38) Carbon Tetrachloride	5.562	117	23755	7.072	ug/l #	15
54) cis-1,3-Dichloropropene	8.476	75	44	2.183	ug/l #	47
76) 1,2,3-Trichloropropane	11.085	75	78883	29.916	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	78883	80.339	ug/l #	12
95) Naphthalene	13.780	128	239	1.299	ug/l #	69

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

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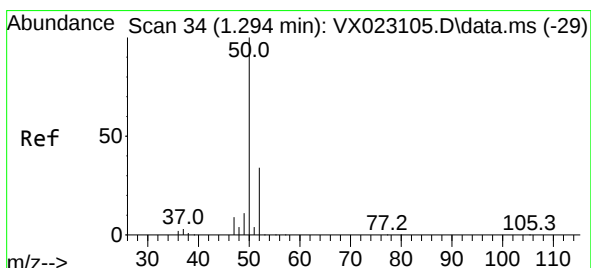
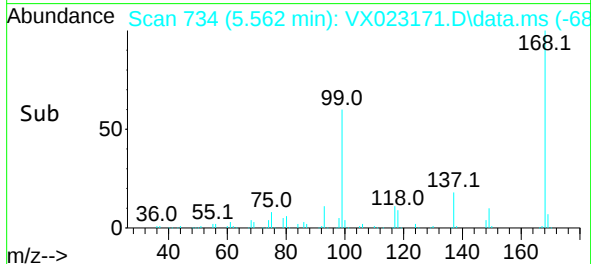
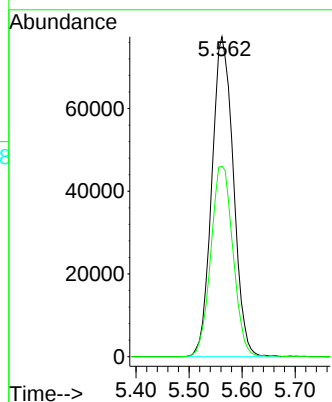
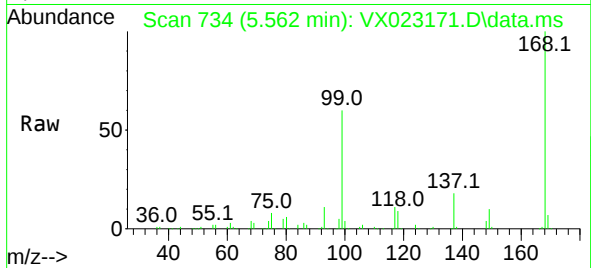




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

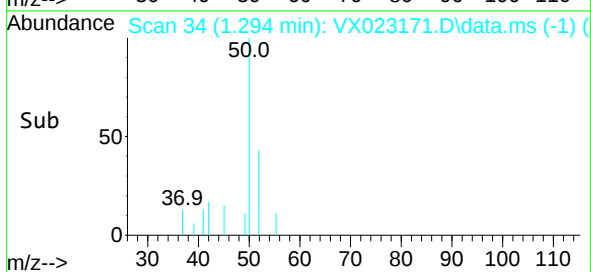
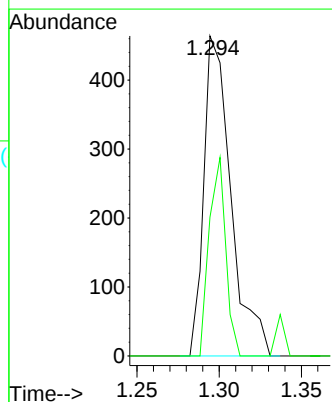
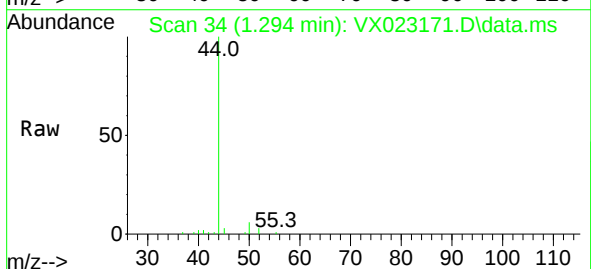
Instrument :
MSVOA_X
ClientSampled :

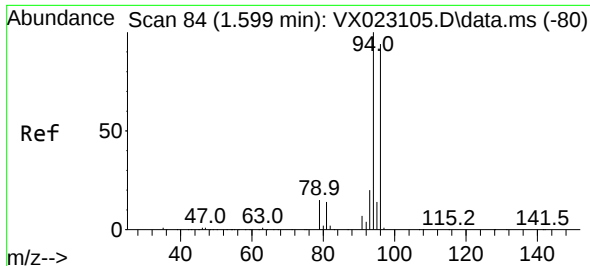
Tgt Ion:168 Resp: 218262
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

Tgt Ion: 50 Resp: 533
Ion Ratio Lower Upper
50 100
52 43.3 26.4 39.6#

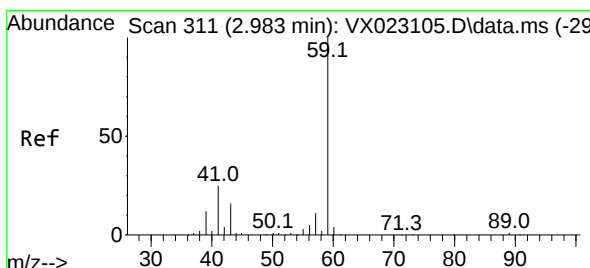
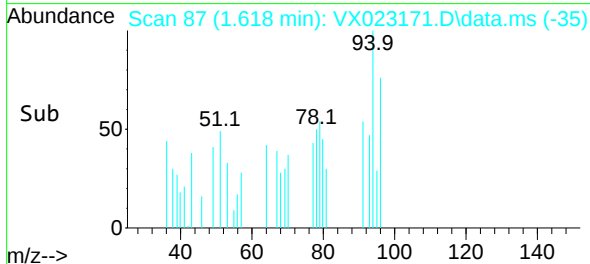
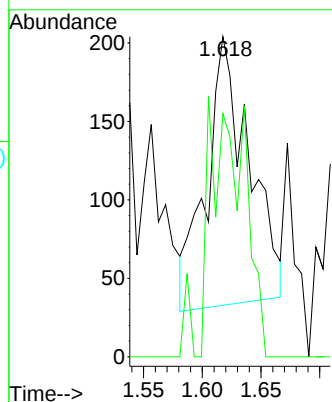
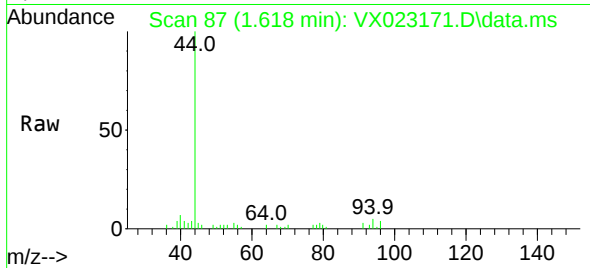




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

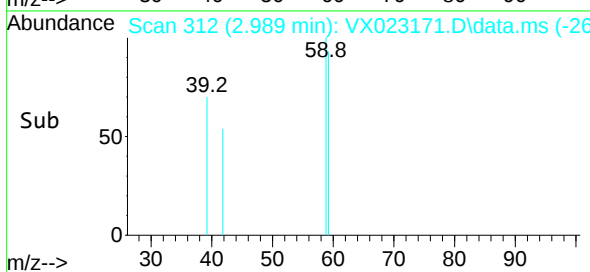
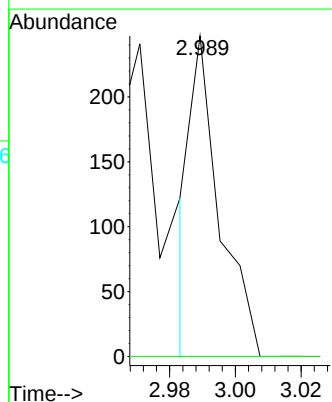
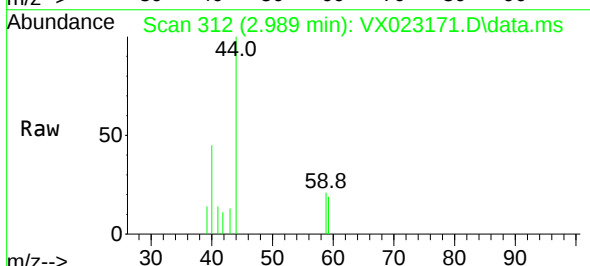
Instrument :
MSVOA_X
ClientSampled :

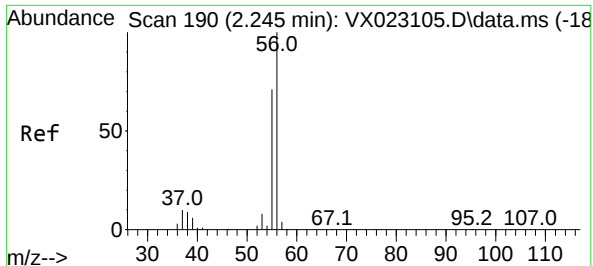
Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 108.4 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.241 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

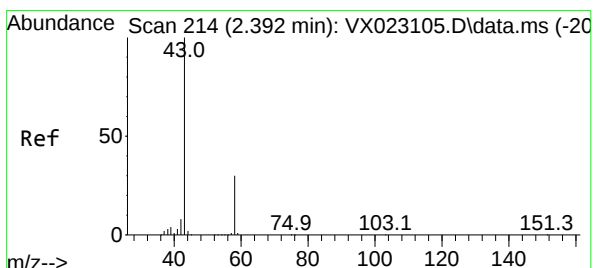
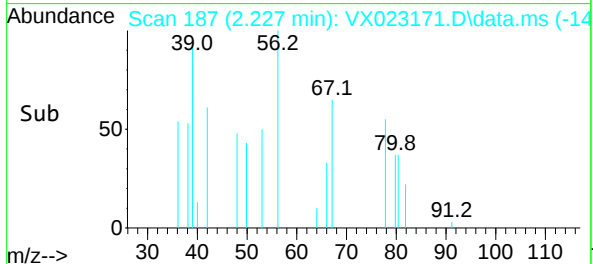
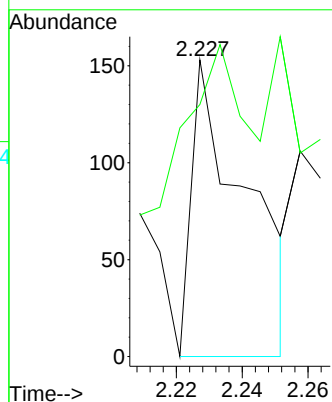
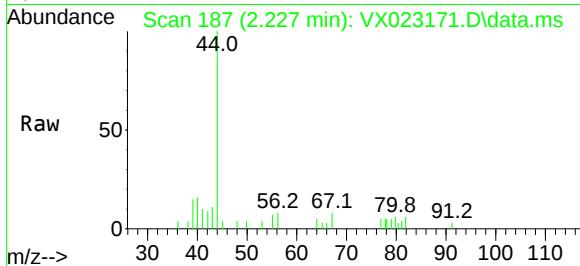




#13
Acrolein
Concen: 0.423 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

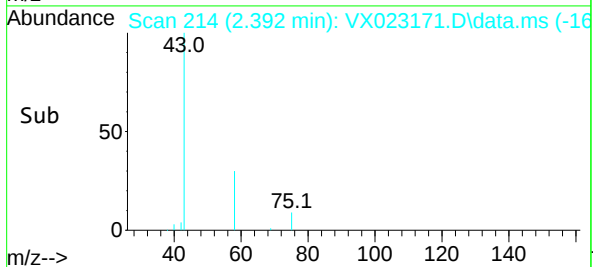
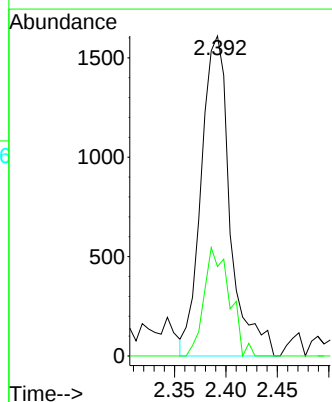
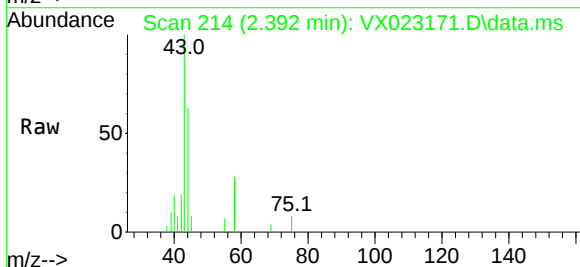
Instrument :
MSVOA_X
ClientSampled :

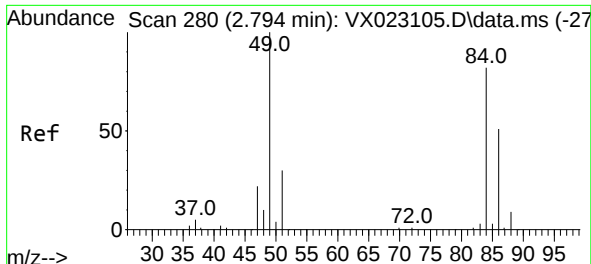
Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 92.5 56.4 84.6#



#16
Acetone
Concen: 2.711 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

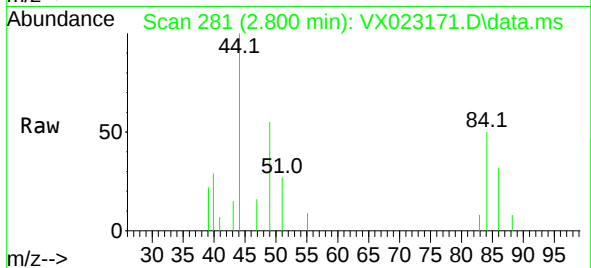
Tgt Ion: 43 Resp: 3146
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8



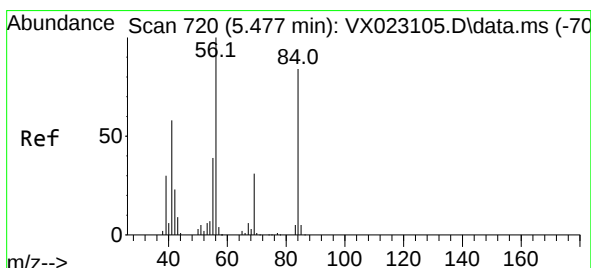
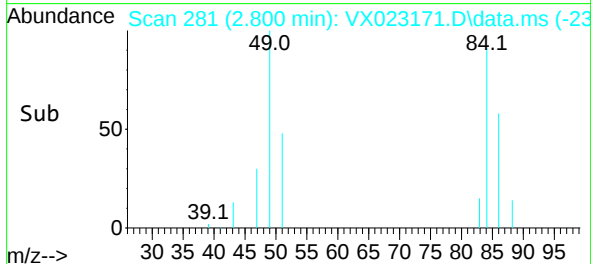
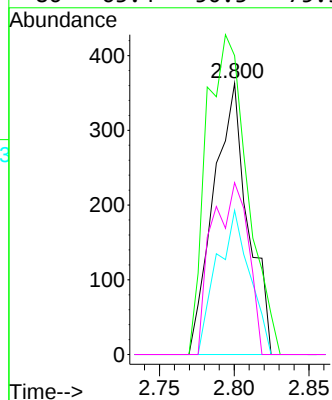


#20
Methylene Chloride
Concen: 0.232 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

Instrument :
MSVOA_X
ClientSampled :

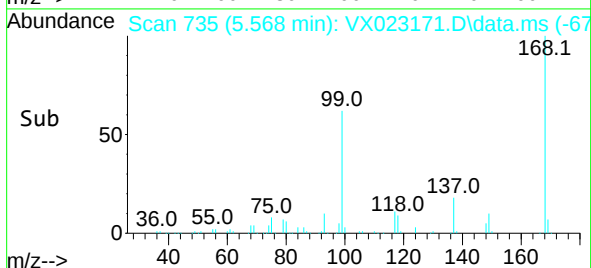
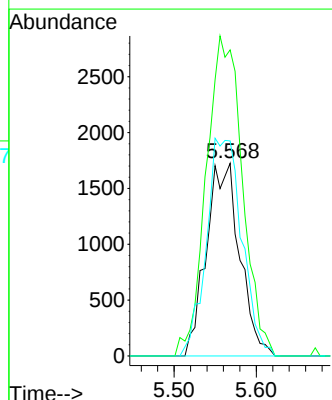
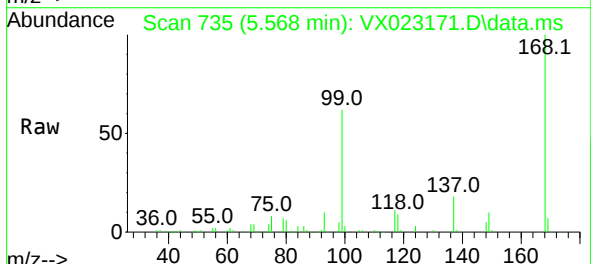


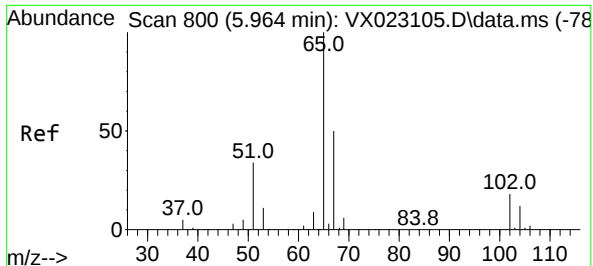
Tgt Ion:	84	Resp:	579
Ion	Ratio	Lower	Upper
84	100		
49	110.2	88.6	132.8
51	53.2	27.0	40.6#
86	63.4	50.3	75.5



#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

Tgt Ion:	56	Resp:	4876
Ion	Ratio	Lower	Upper
56	100		
69	158.8	25.3	37.9#
84	111.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.084 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

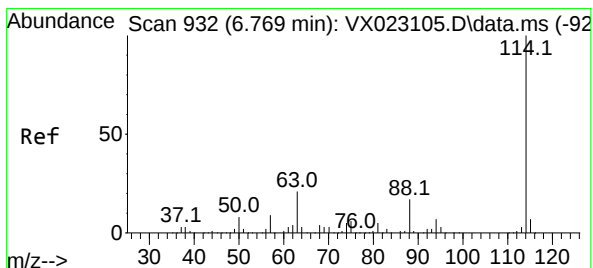
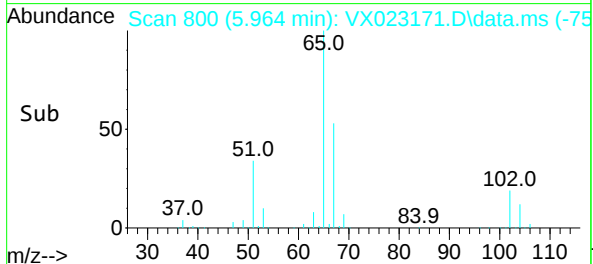
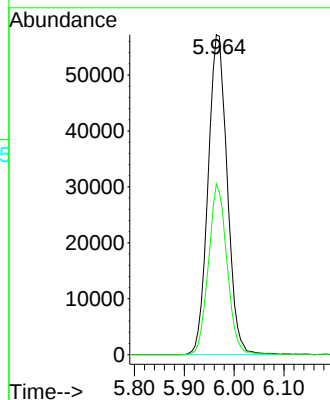
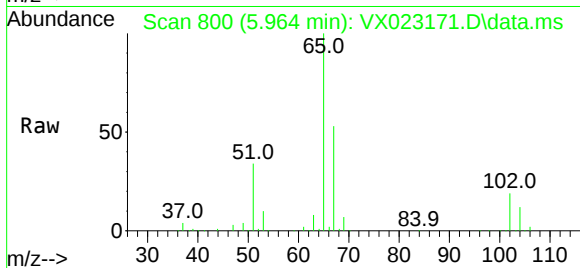
Lab File: VX023171.D

Acq: 07 Jul 2021 14:41

Tgt Ion: 65 Resp: 152784

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
65	100		
67	51.6	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

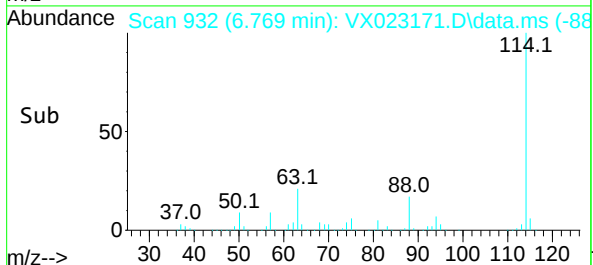
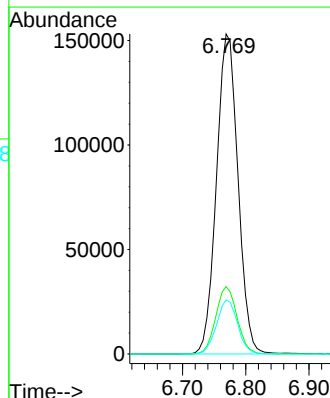
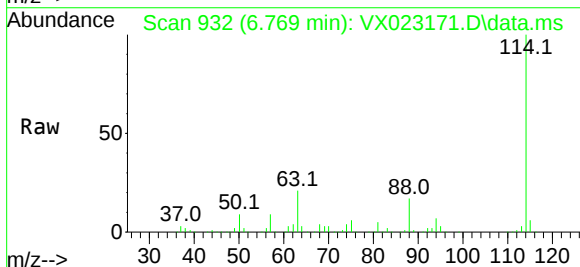
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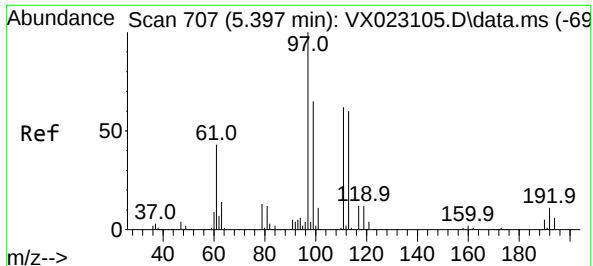
Acq: 07 Jul 2021 14:41

Tgt Ion: 114 Resp: 361001

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.9	0.0	32.8

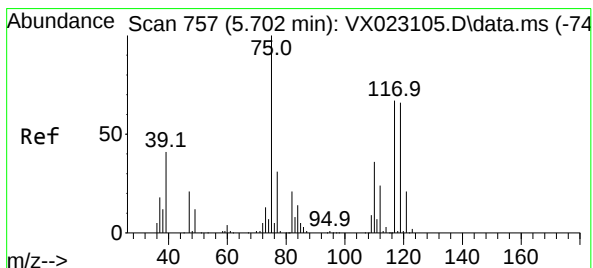
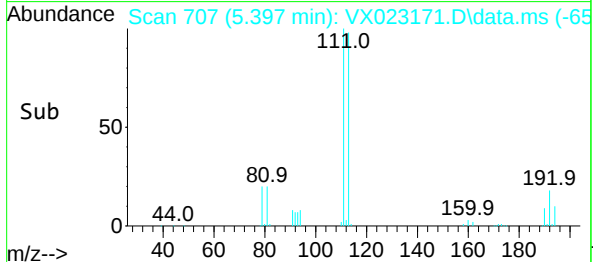
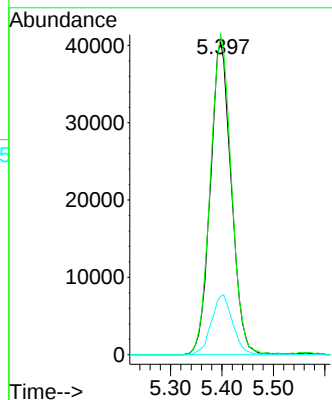
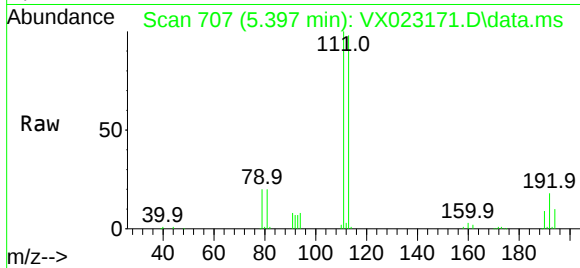




#35
Dibromofluoromethane
Concen: 49.041 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

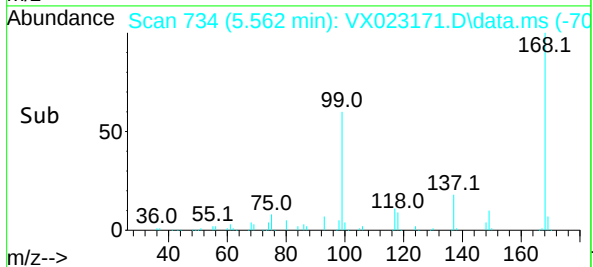
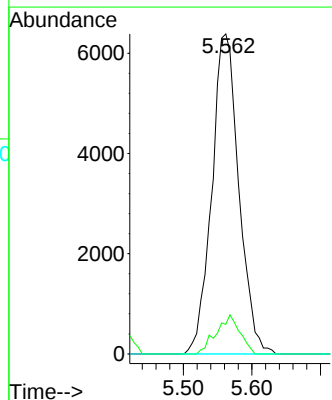
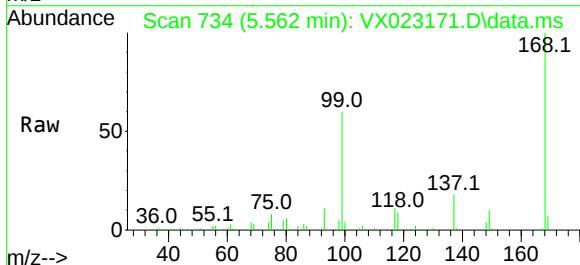
Instrument :
MSVOA_X
ClientSampleId :

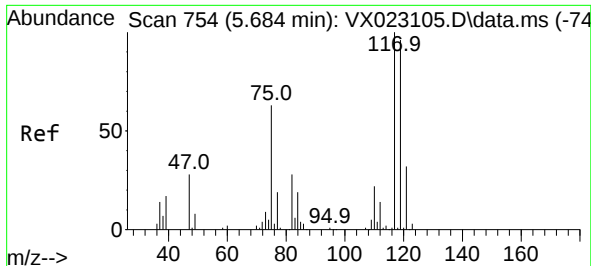
Tgt Ion:113 Resp: 114323
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.441 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

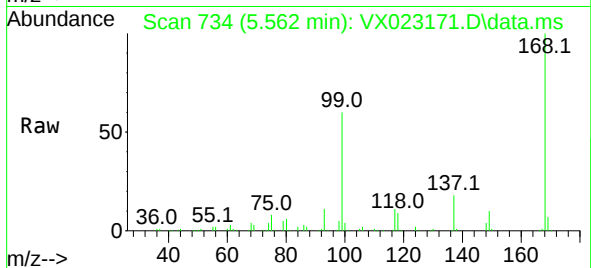
Tgt Ion: 75 Resp: 17512
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.4#
77 0.0 25.3 37.9#



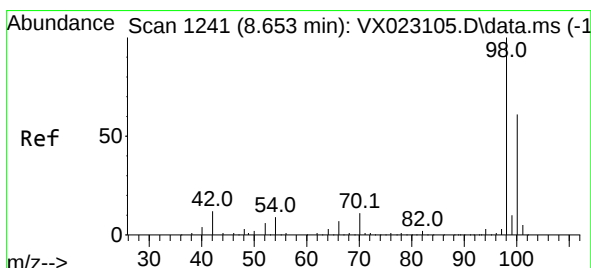
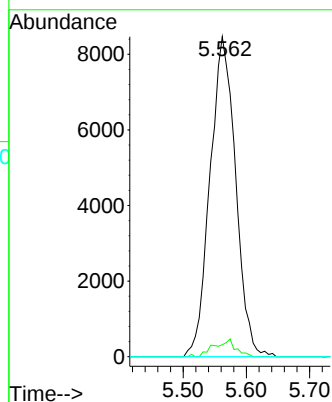
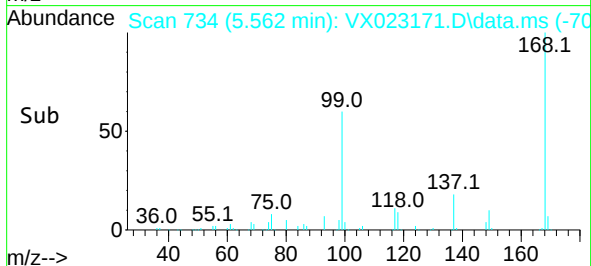


#38
Carbon Tetrachloride
Concen: 7.072 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

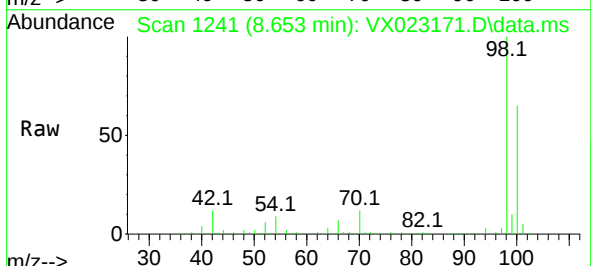
Instrument :
MSVOA_X
ClientSampled :



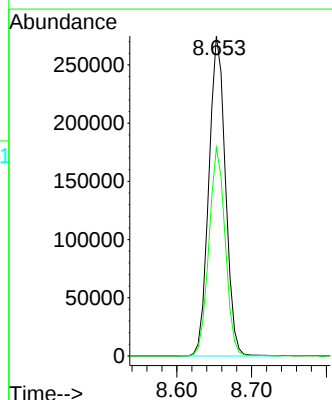
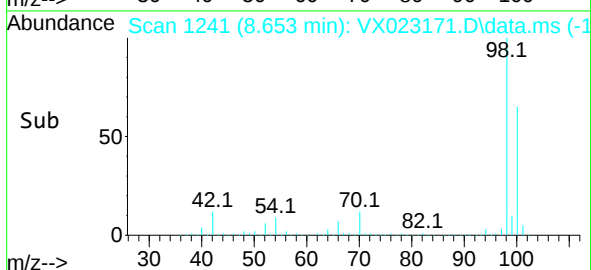
Tgt Ion:117 Resp: 23755
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

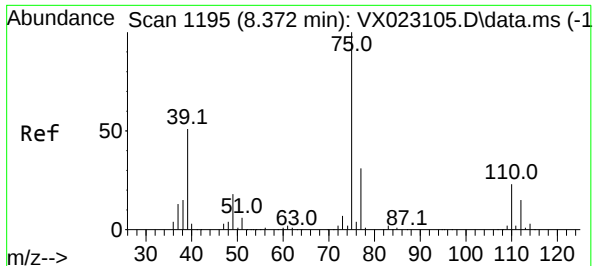


#50
Toluene-d8
Concen: 48.768 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41



Tgt Ion: 98 Resp: 424078
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

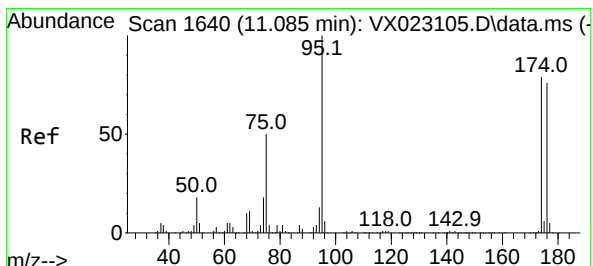
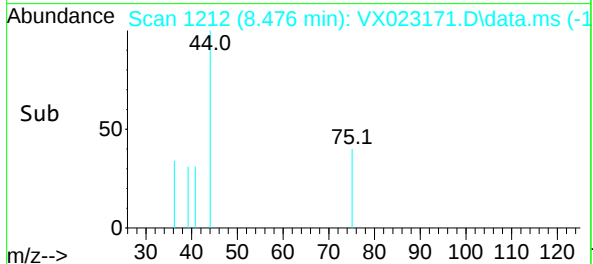
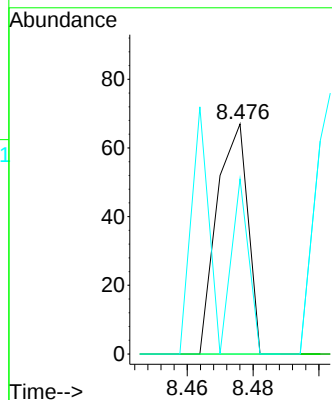
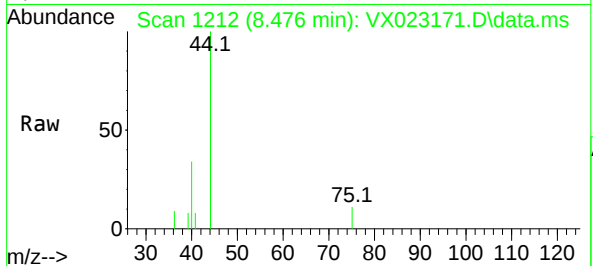




#54
 cis-1,3-Dichloropropene
 Concen: 2.183 ug/l
 RT: 8.476 min Scan# 1212
 Delta R.T. 0.104 min
 Lab File: VX023171.D
 Acq: 07 Jul 2021 14:41

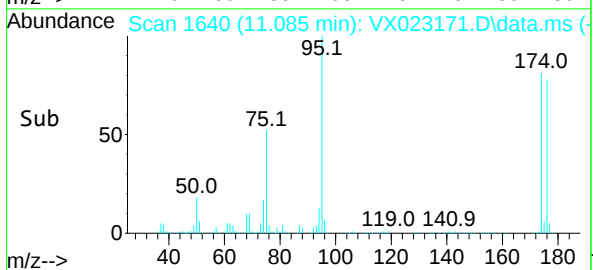
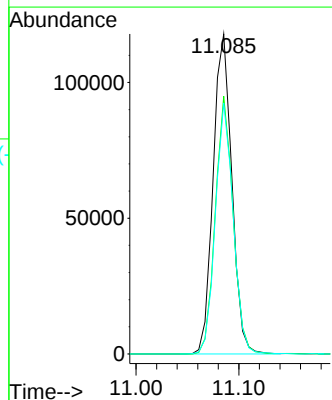
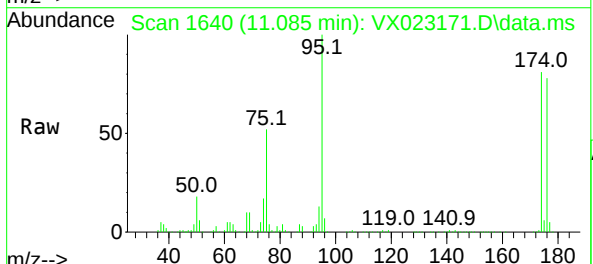
Instrument :
 MSVOA_X
 ClientSampled :

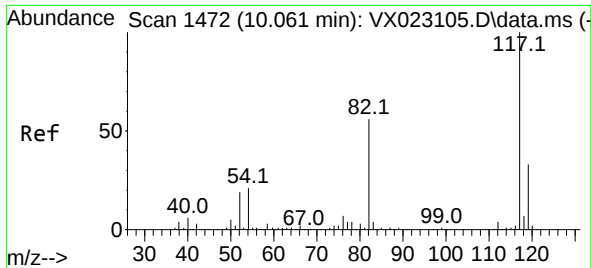
Tgt Ion: 75	Resp: 44
Ion Ratio	Lower Upper
75 100	
77 0.0	25.7 38.5#
39 76.1	35.1 52.7#



#62
 4-Bromofluorobenzene
 Concen: 44.263 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX023171.D
 Acq: 07 Jul 2021 14:41

Tgt Ion: 95	Resp: 148595
Ion Ratio	Lower Upper
95 100	
174 76.6	0.0 154.6
176 74.9	0.0 155.8

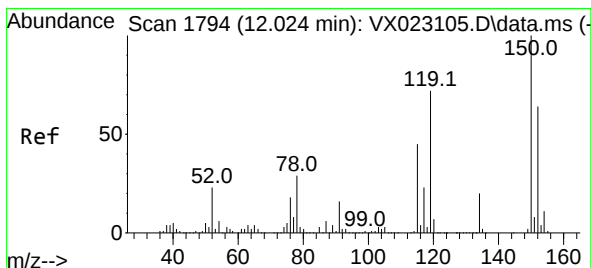
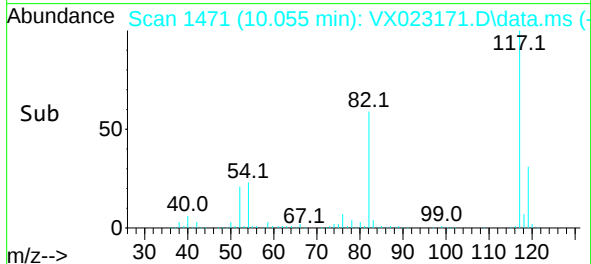
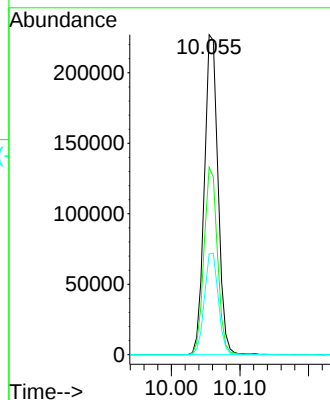
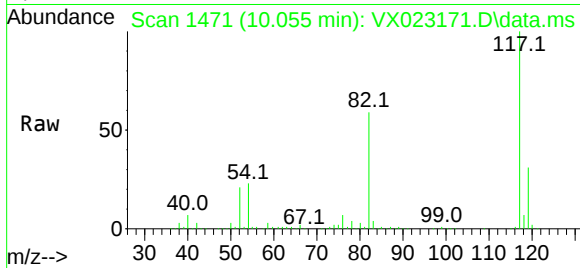




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

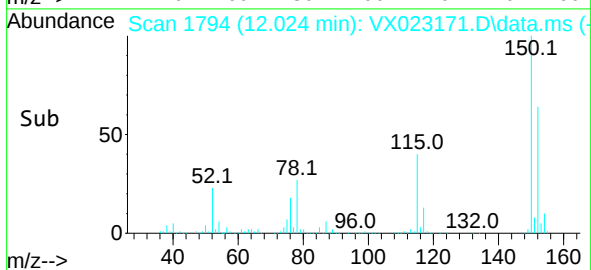
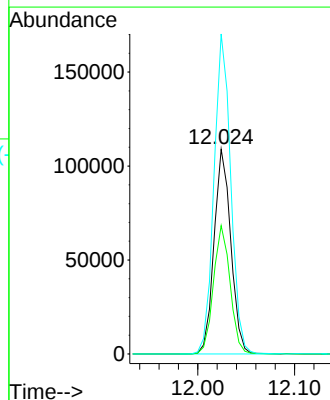
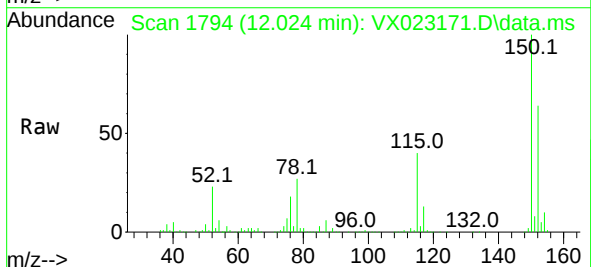
Instrument :
MSVOA_X
ClientSampled :

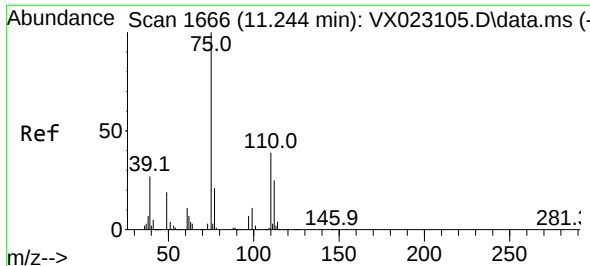
Tgt Ion:117 Resp: 315637
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

Tgt Ion:152 Resp: 131031
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 156.5 0.0 349.0

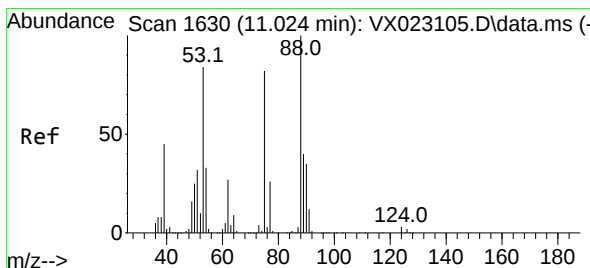
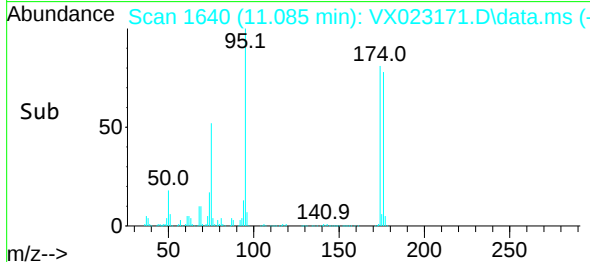
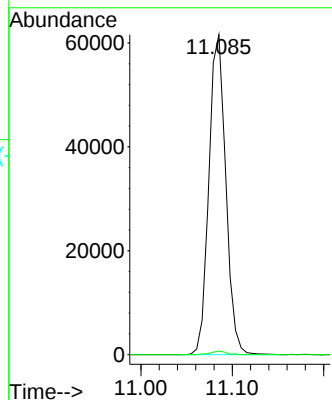
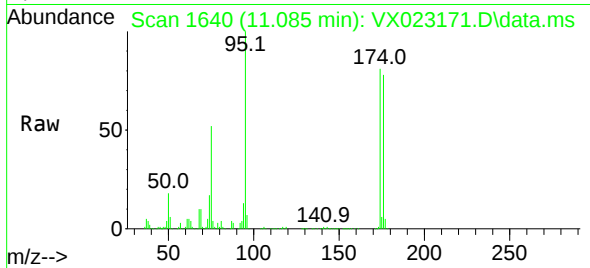




#76
1,2,3-Trichloropropane
Concen: 29.916 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

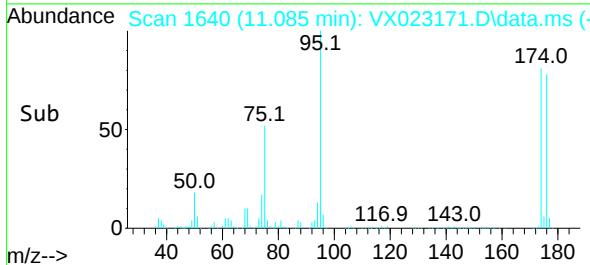
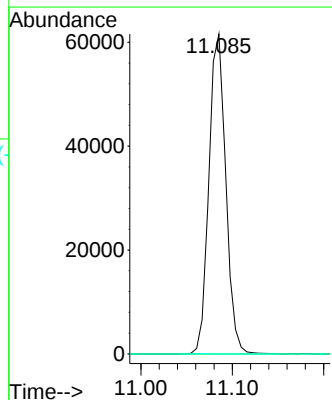
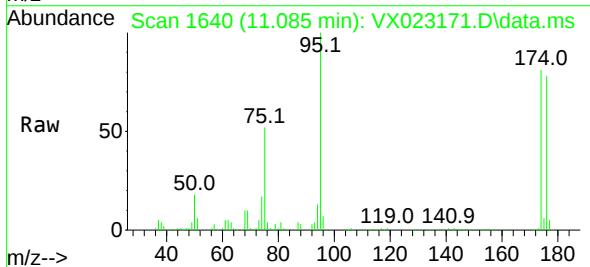
Instrument :
MSVOA_X
ClientSampled :

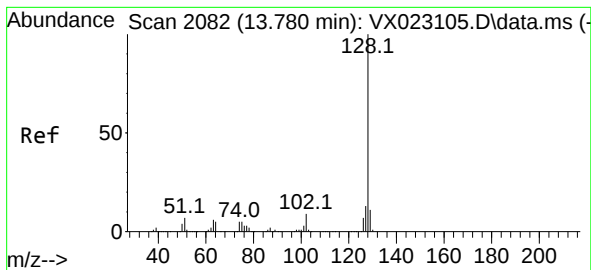
Tgt Ion: 75 Resp: 78883
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.339 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

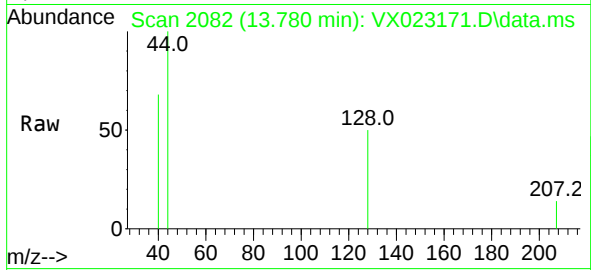
Tgt Ion: 75 Resp: 78883
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.299 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023171.D
Acq: 07 Jul 2021 14:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 239
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

