

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023585.D
 Acq On : 06 Aug 2021 10:33
 Operator : JC/MD
 Sample : VX0806MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:41:10 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)

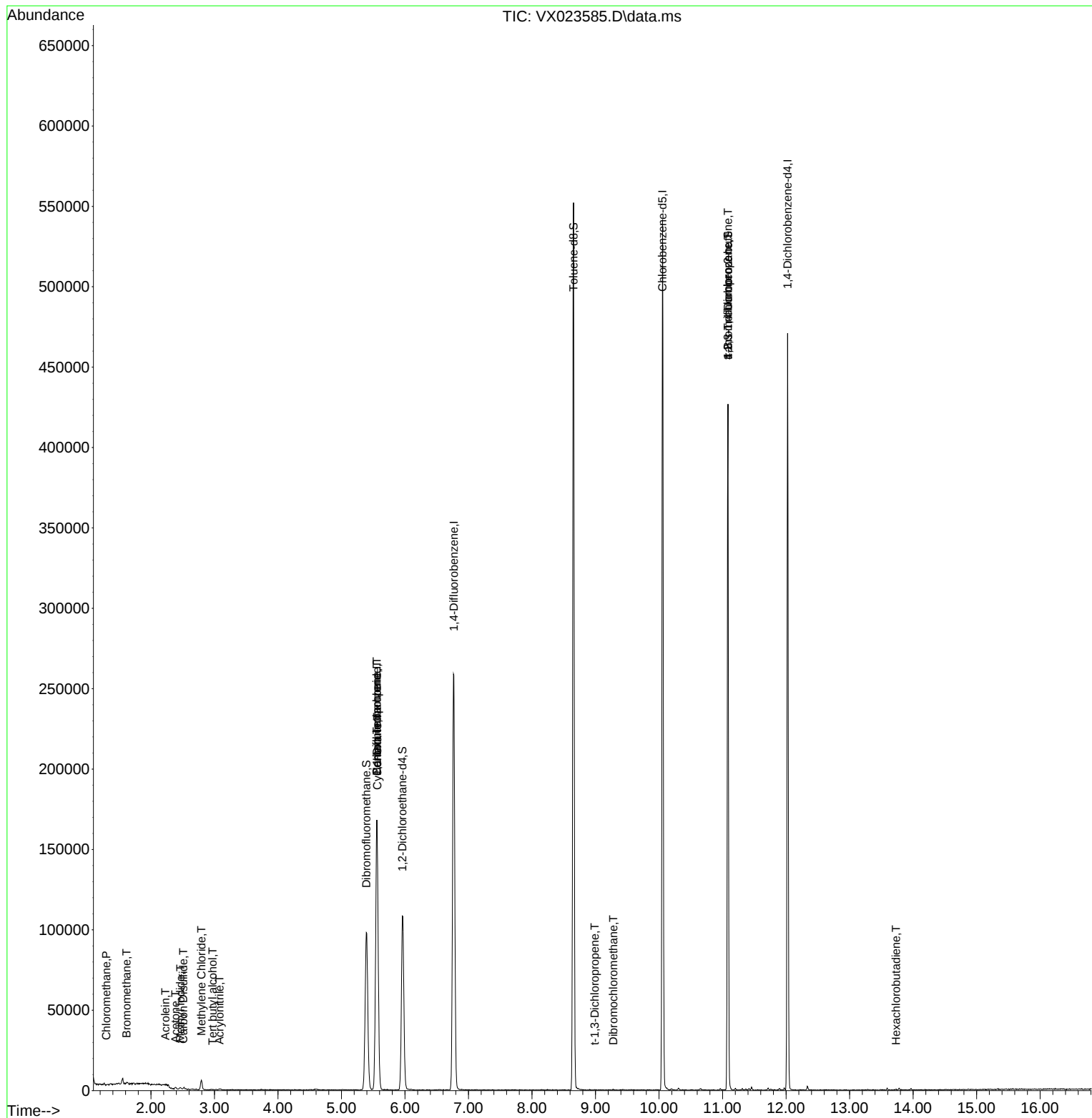
Internal Standards						
1) Pentafluorobenzene	5.556	168	157938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106188	53.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.800%			
35) Dibromofluoromethane	5.391	113	85303	51.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.160%			
50) Toluene-d8	8.653	98	319543	52.590	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.180%			
62) 4-Bromofluorobenzene	11.085	95	107307	51.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.880%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	514	0.304	ug/l #	72
5) Bromomethane	1.618	94	652	0.641	ug/l #	54
10) Methyl Iodide	2.465	142	1163	0.594	ug/l	99
11) Tert butyl alcohol	2.971	59	107	0.238	ug/l #	73
13) Acrolein	2.227	56	21	1.455	ug/l #	14
15) Acrylonitrile	3.081	53	313	0.308	ug/l	96
16) Acetone	2.386	43	1203	1.245	ug/l	91
17) Carbon Disulfide	2.508	76	1261	0.330	ug/l #	75
20) Methylene Chloride	2.794	84	2483	1.321	ug/l #	95
31) Cyclohexane	5.562	56	3773	1.293	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	12085	5.051	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15759	6.476	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	89	1.846	ug/l #	1
60) Dibromochloromethane	9.281	129	55	2.010	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55077	26.187	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55077	70.414	ug/l #	12
94) Hexachlorobutadiene	13.731	225	193	0.220	ug/l	89

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 07 04:41:10 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

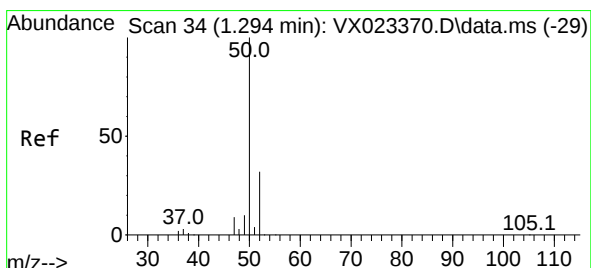
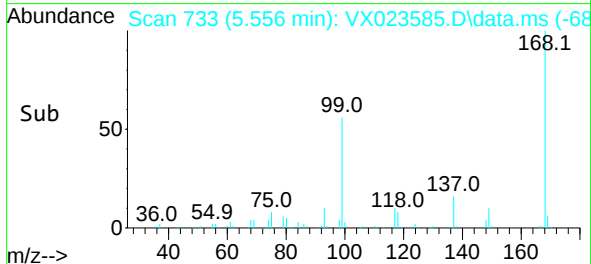
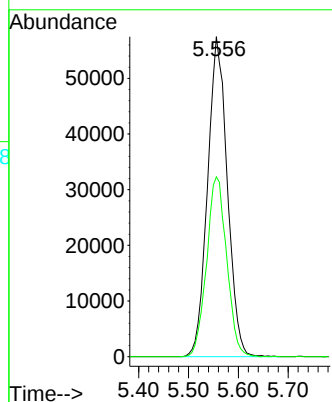
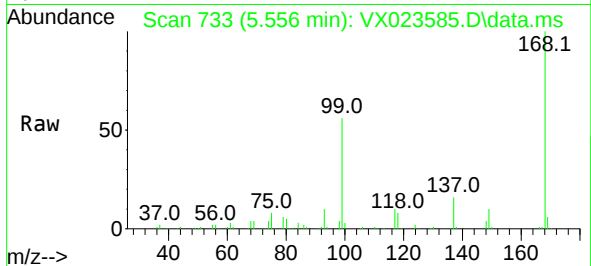




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

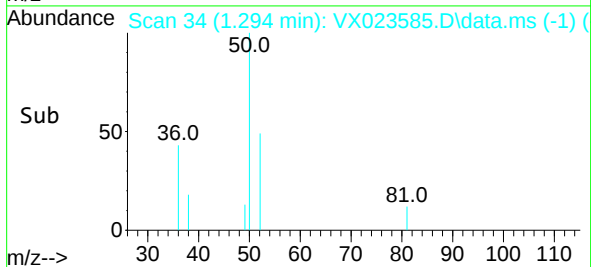
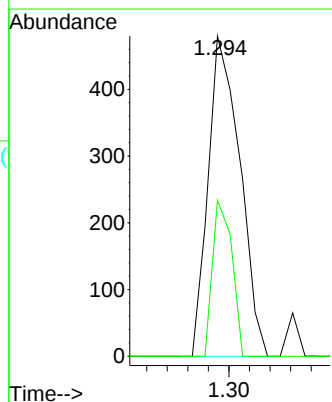
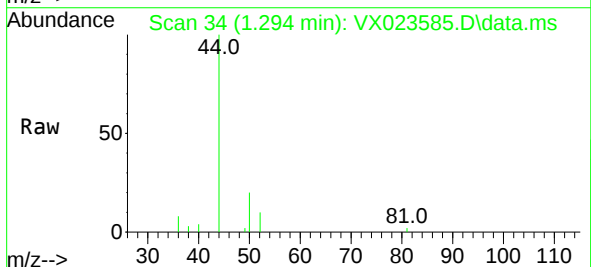
Instrument :
MSVOA_X
ClientSampleId :

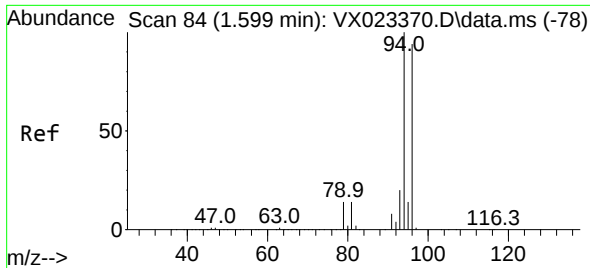
Tgt Ion:168 Resp: 157938
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.304 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 48.8 26.4 39.6#

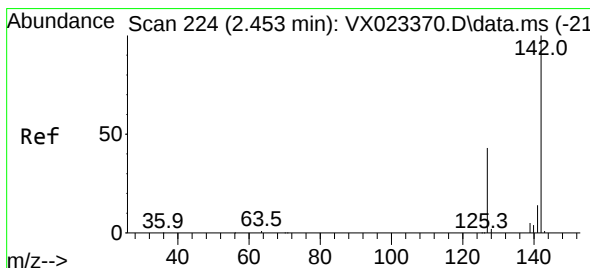
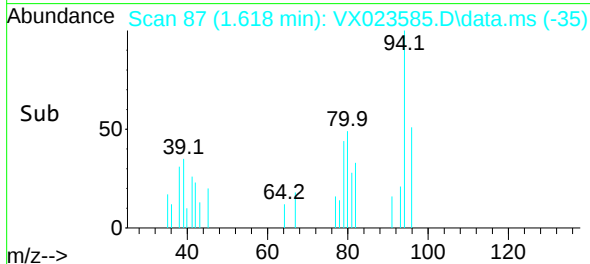
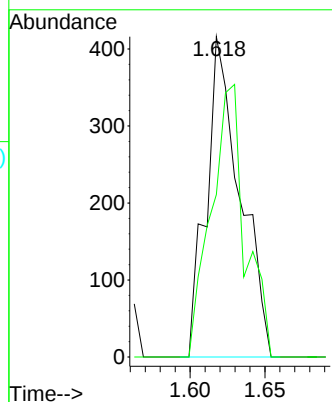
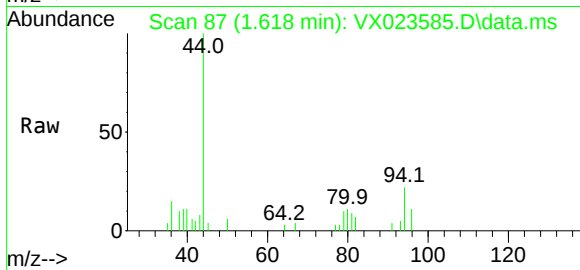




#5
Bromomethane
Concen: 0.641 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

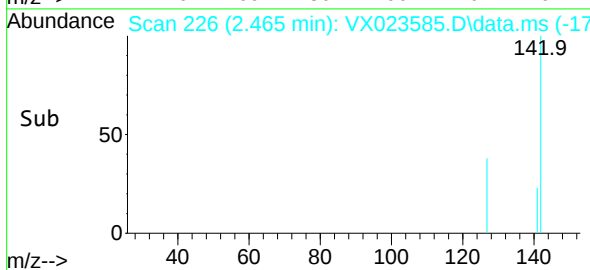
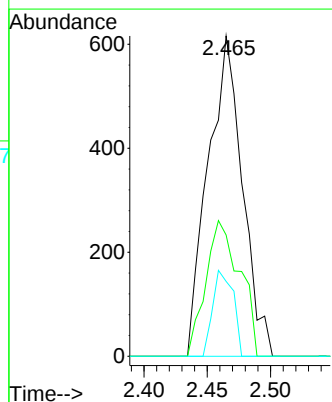
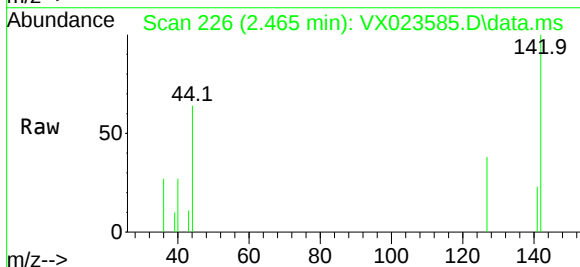
Instrument :
MSVOA_X
ClientSampleId :

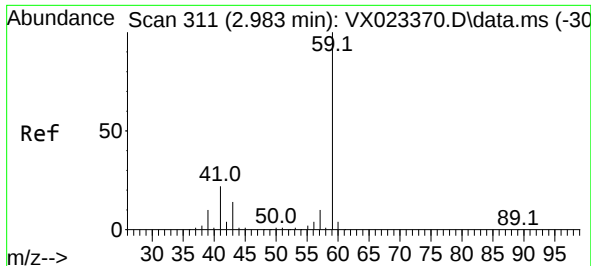
Tgt Ion: 94 Resp: 652
Ion Ratio Lower Upper
94 100
96 50.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.594 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 142 Resp: 1163
Ion Ratio Lower Upper
142 100
127 42.0 33.3 49.9
141 15.9 11.4 17.0

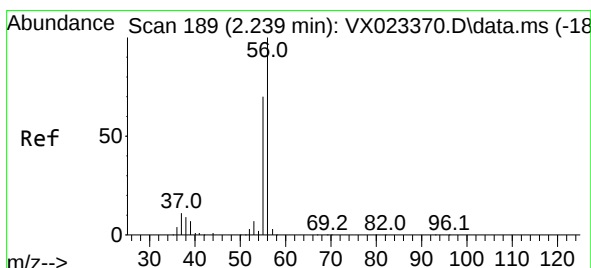
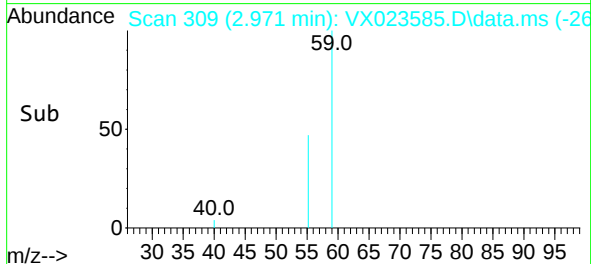
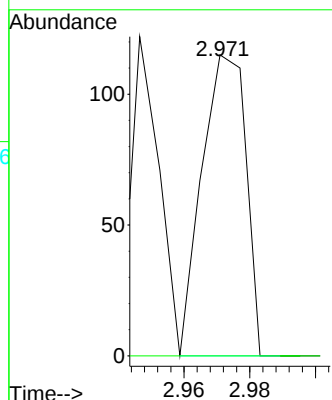
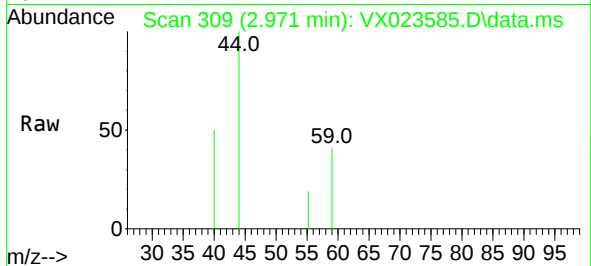




#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

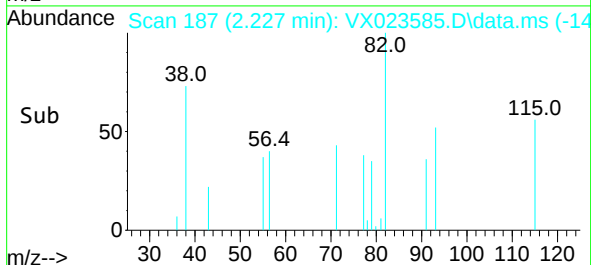
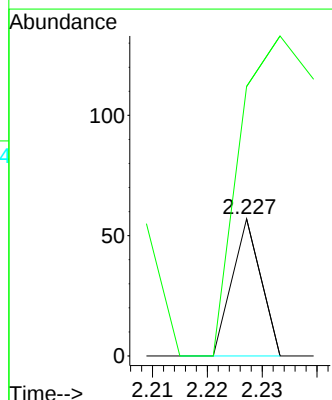
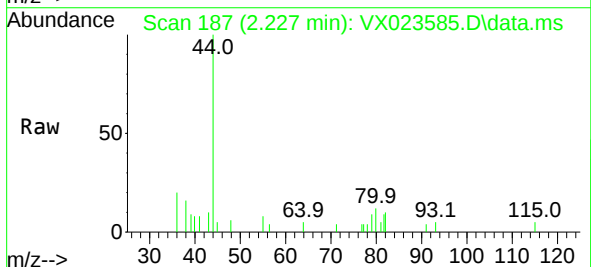
Instrument :
MSVOA_X
ClientSampled :

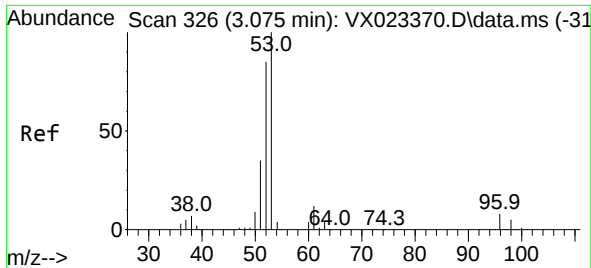
Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1.455 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

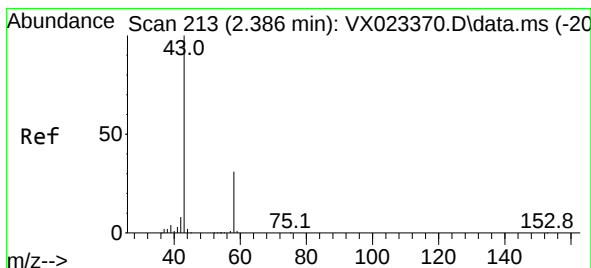
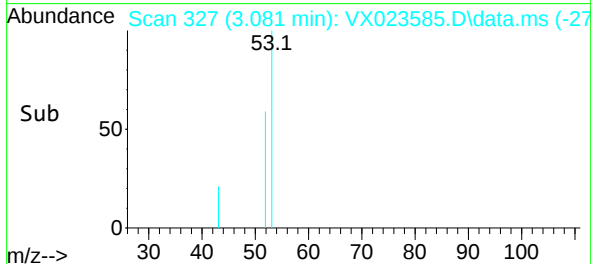
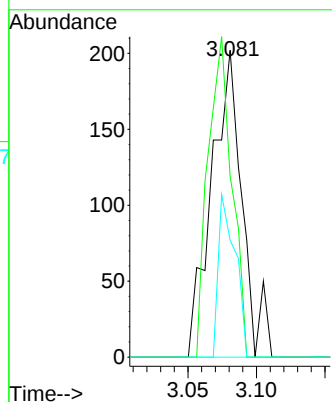
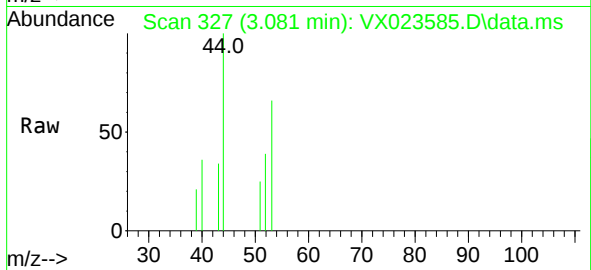




#15
Acrylonitrile
Concen: 0.308 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

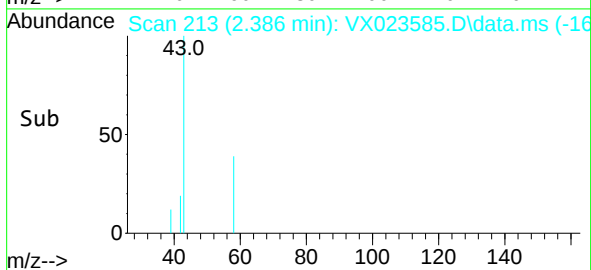
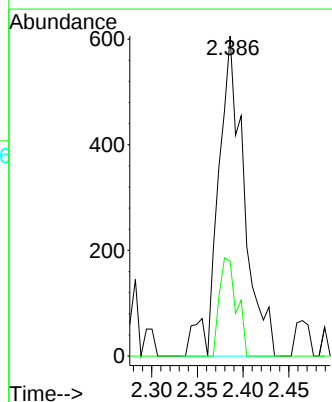
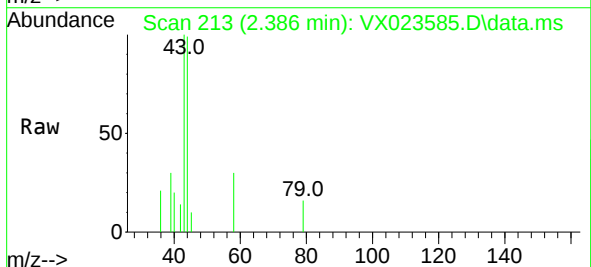
Instrument :
MSVOA_X
ClientSampled :

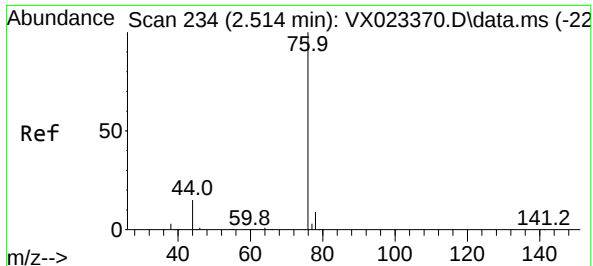
Tgt Ion: 53	Resp:	313
Ion	Ratio	Lower Upper
53	100	
52	81.2	65.3 97.9
51	29.1	28.2 42.2



#16
Acetone
Concen: 1.245 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

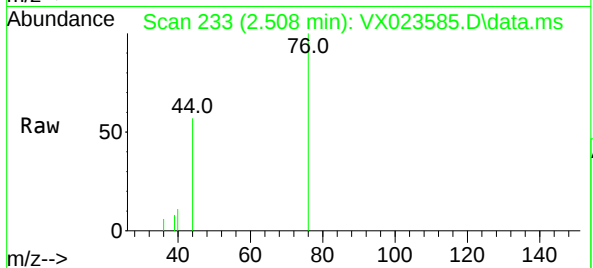
Tgt Ion: 43	Resp:	1203
Ion	Ratio	Lower Upper
43	100	
58	29.7	27.8 41.8



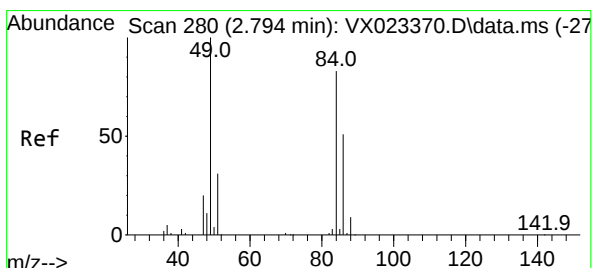
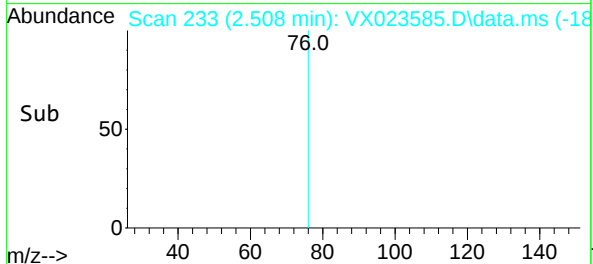
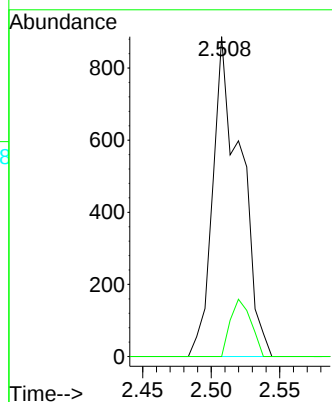


#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Instrument :
MSVOA_X
ClientSampled :

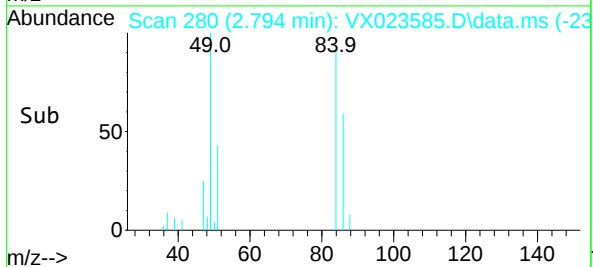
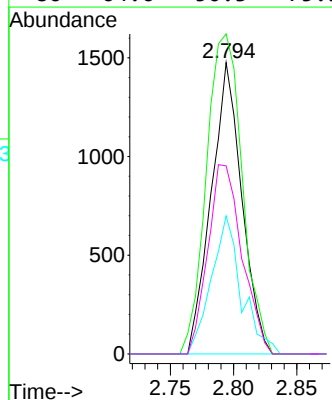
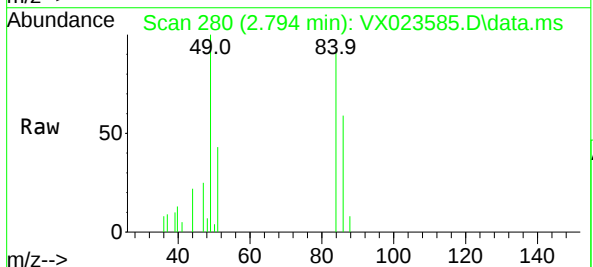


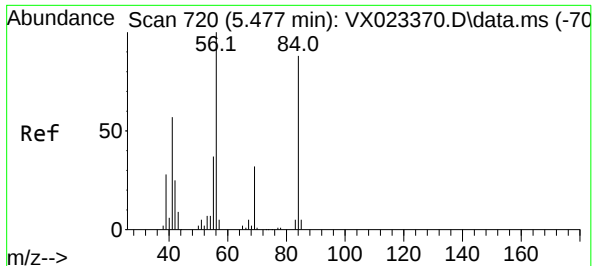
Tgt Ion: 76 Resp: 1261
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.321 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 84 Resp: 2483
Ion Ratio Lower Upper
84 100
49 109.8 88.6 132.8
51 47.4 27.0 40.6#
86 64.6 50.3 75.5

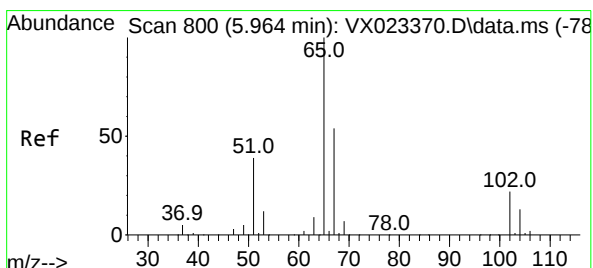
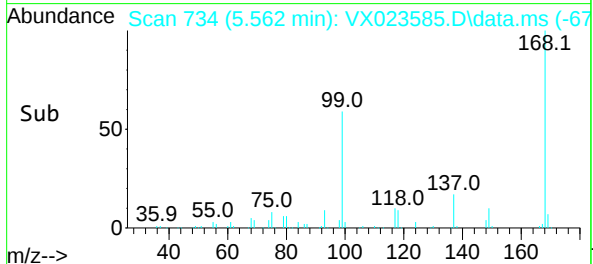
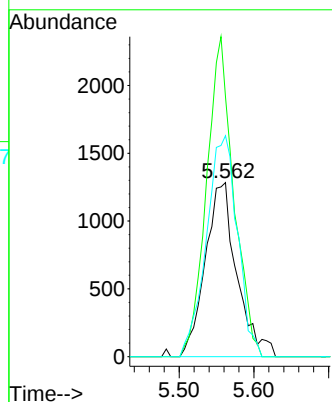
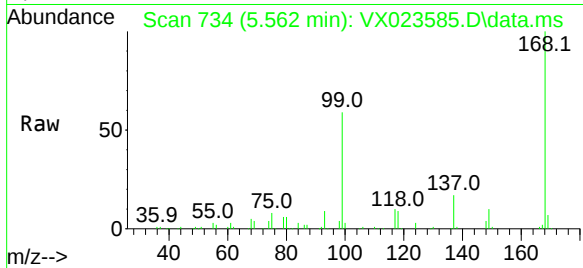




#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

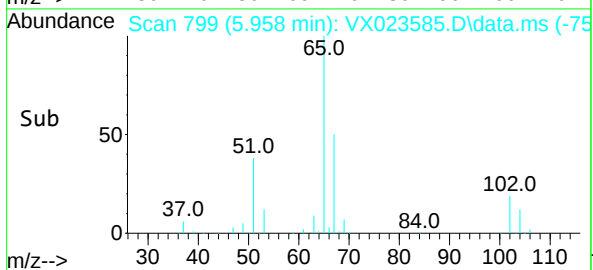
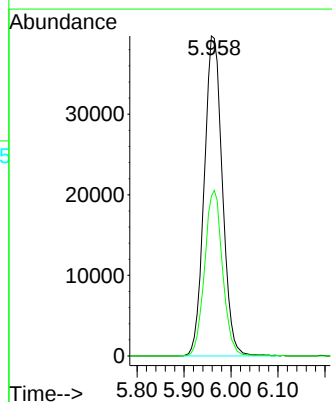
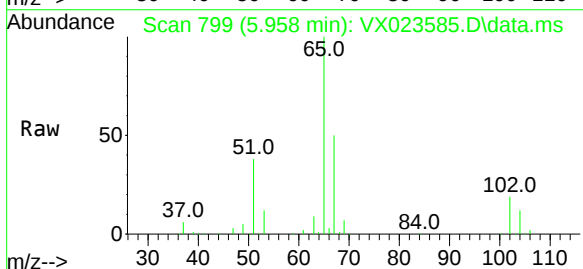
Instrument :
MSVOA_X
ClientSampled :

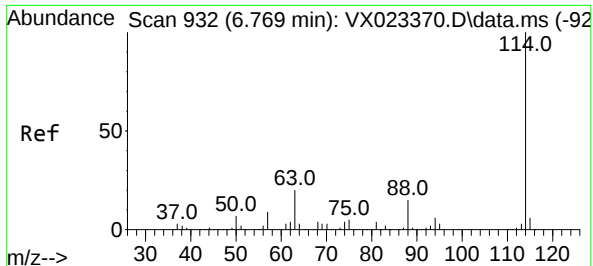
Tgt Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 149.4 25.3 37.9#
84 126.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.899 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 65 Resp: 106188
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

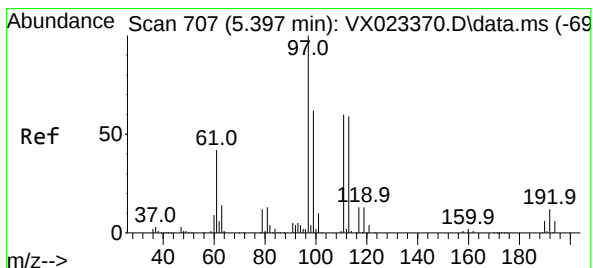
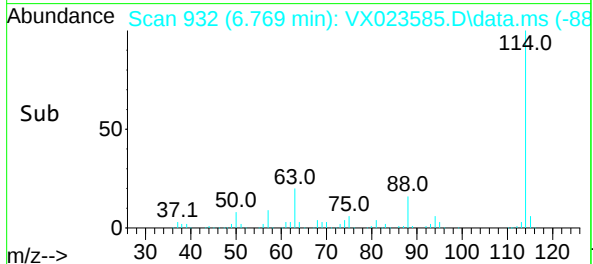
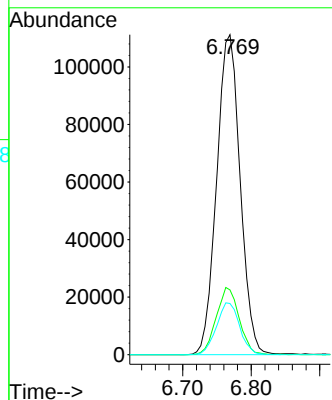
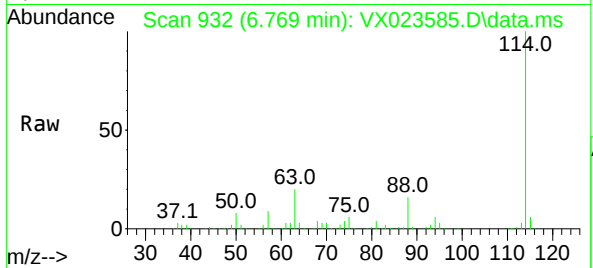




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

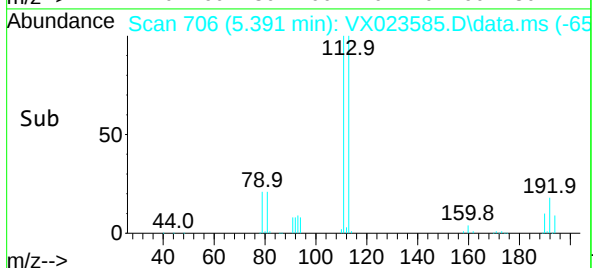
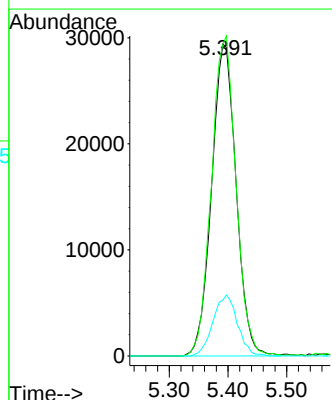
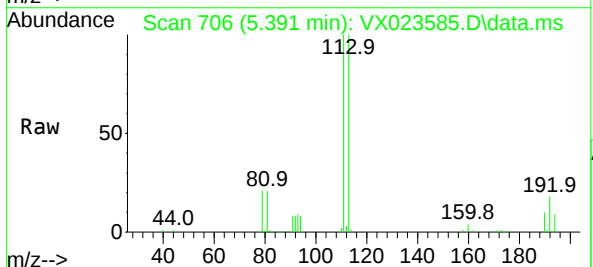
Instrument :
MSVOA_X
ClientSampled :

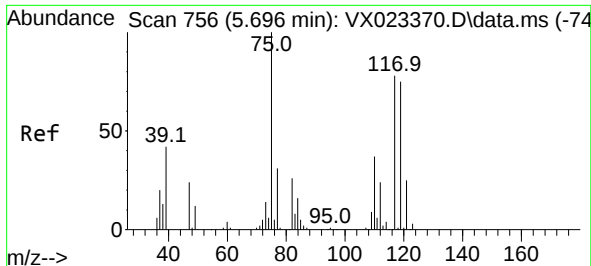
Tgt Ion:114 Resp: 264507
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.580 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion:113 Resp: 85303
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 5.556 min Scan# 733

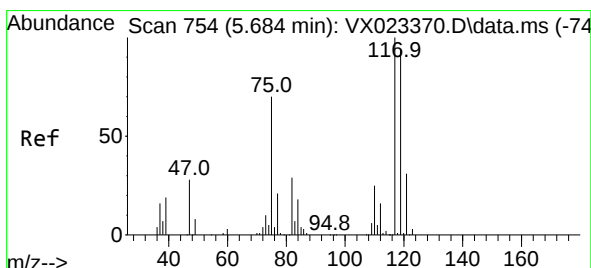
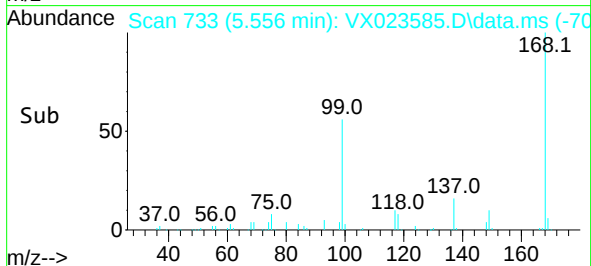
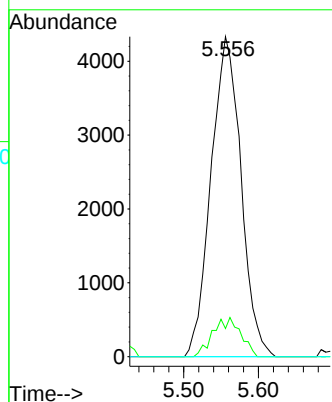
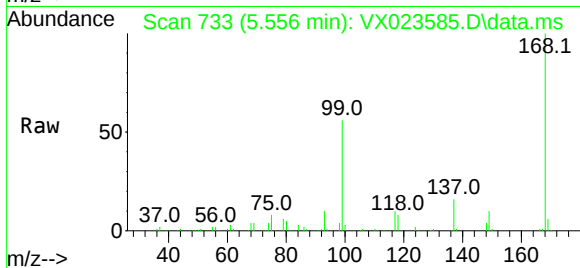
Delta R.T. -0.140 min

Lab File: VX023585.D

Acq: 06 Aug 2021 10:33

Tgt Ion:	75	Resp:	12085
Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.476 ug/l

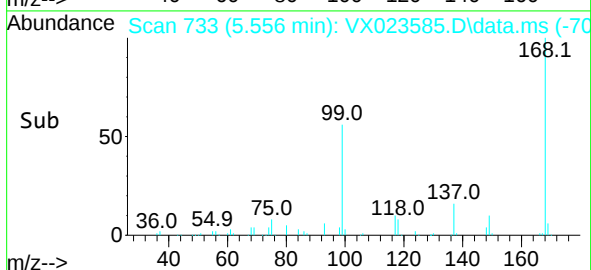
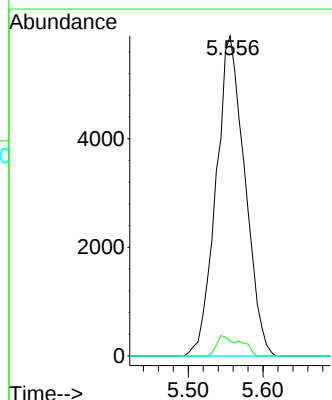
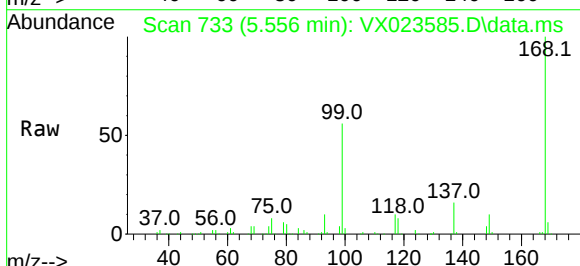
RT: 5.556 min Scan# 733

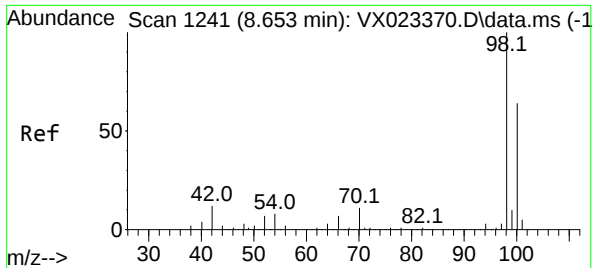
Delta R.T. -0.128 min

Lab File: VX023585.D

Acq: 06 Aug 2021 10:33

Tgt Ion:	117	Resp:	15759
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#

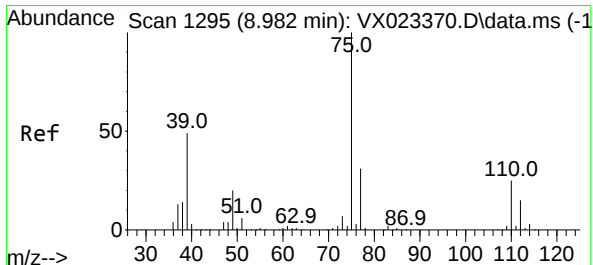
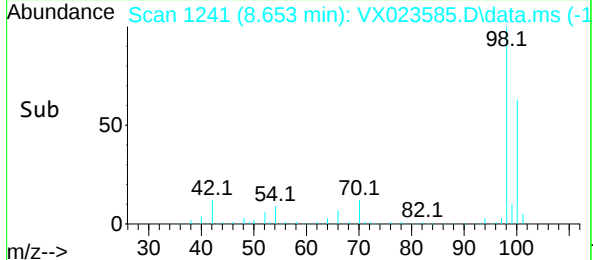
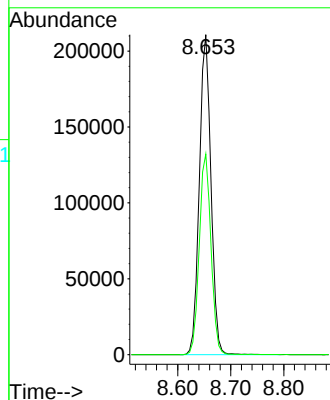
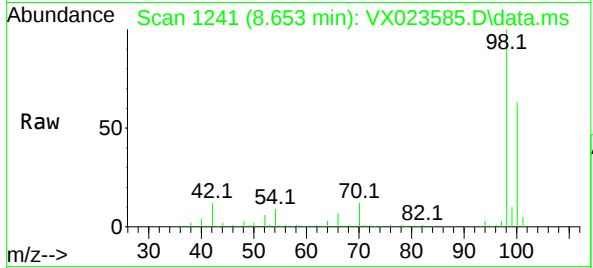




#50
Toluene-d8
Concen: 52.590 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

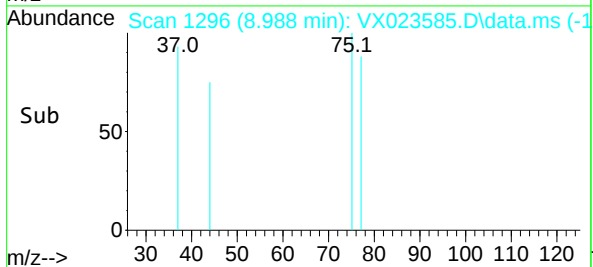
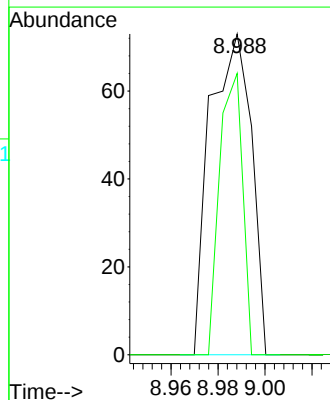
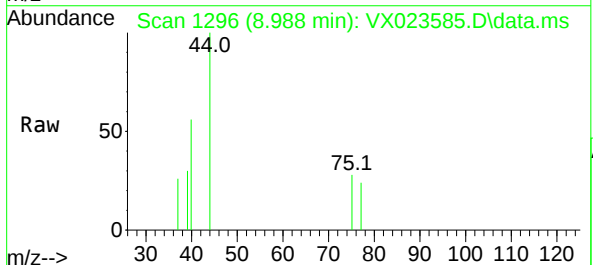
Instrument :
MSVOA_X
ClientSampled :

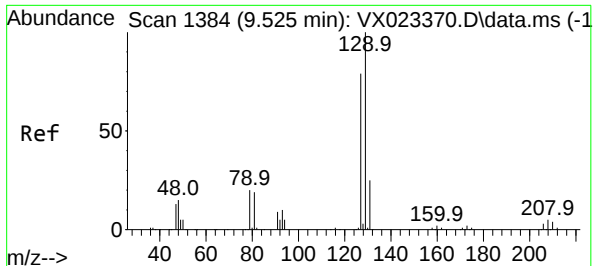
Tgt Ion: 98 Resp: 319543
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 1.846 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
77 87.7 24.9 37.3#

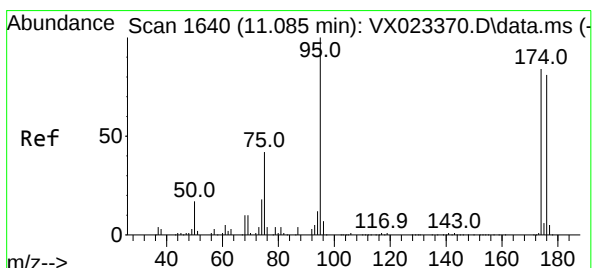
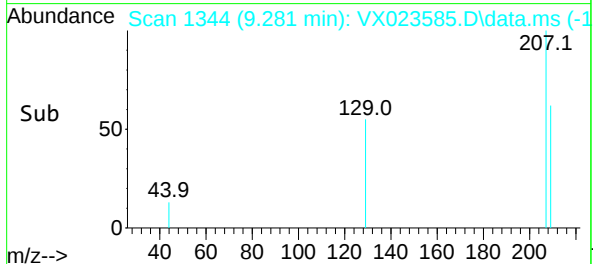
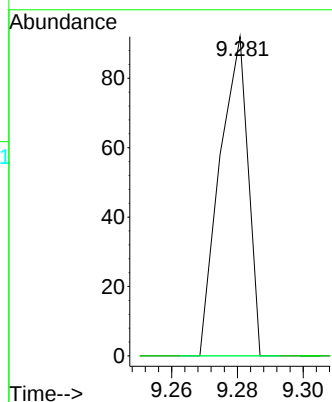
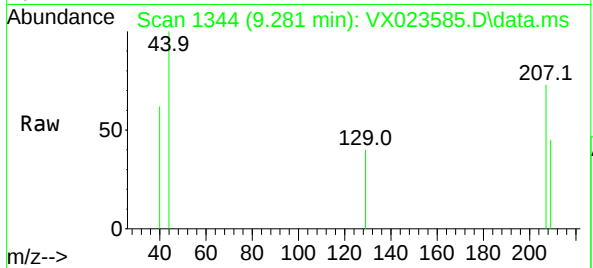




#60
Dibromochloromethane
Concen: 2.010 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

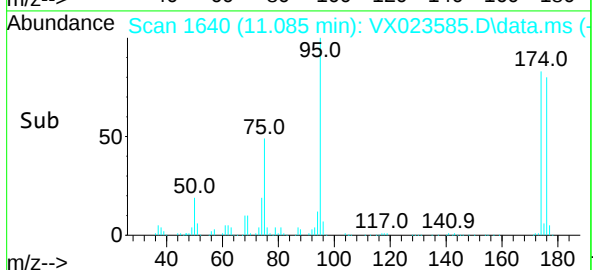
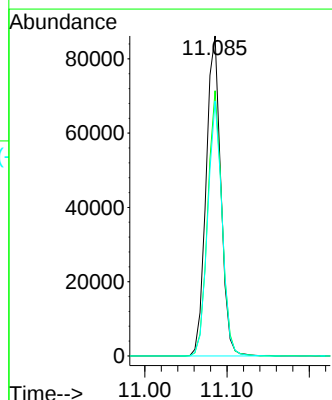
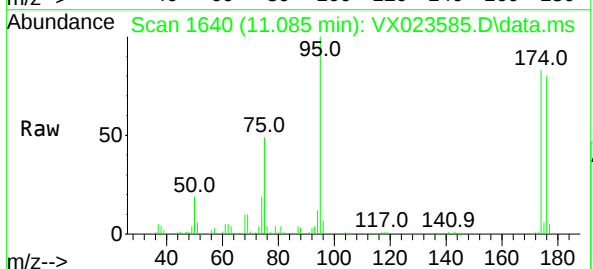
Instrument :
MSVOA_X
ClientSampled :

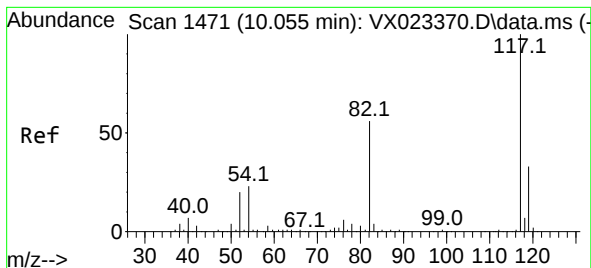
Tgt Ion:129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 51.936 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 95 Resp: 107307
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 77.5 0.0 155.8

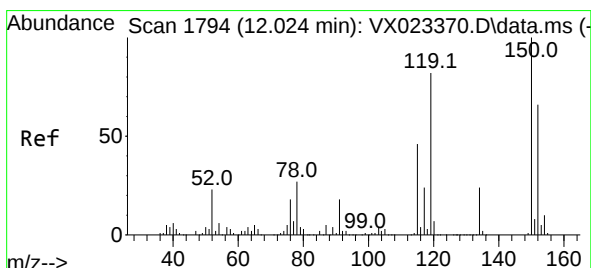
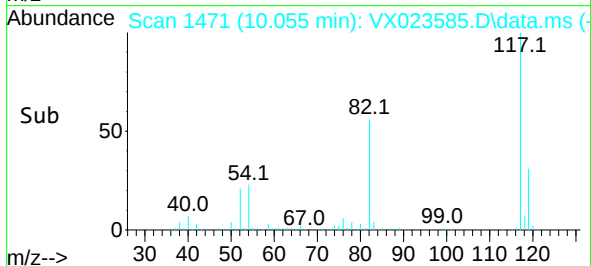
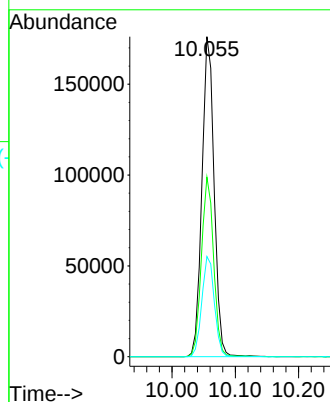
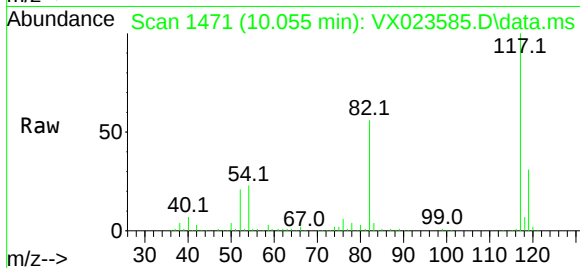




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

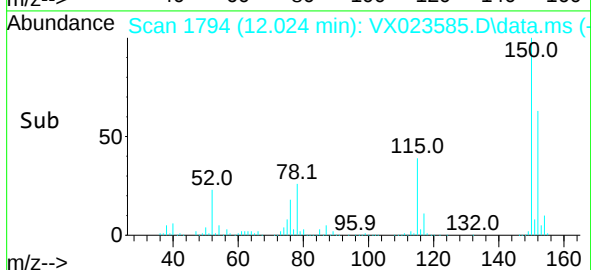
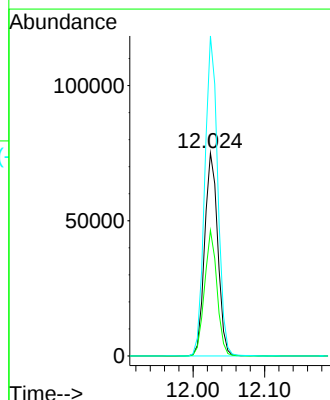
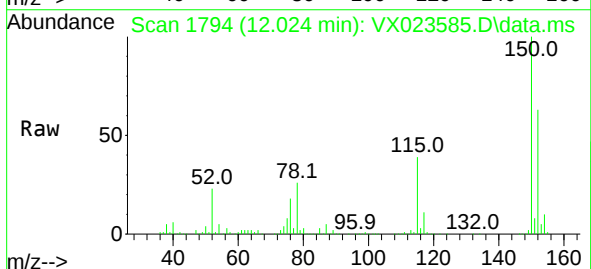
Instrument :
MSVOA_X
ClientSampled :

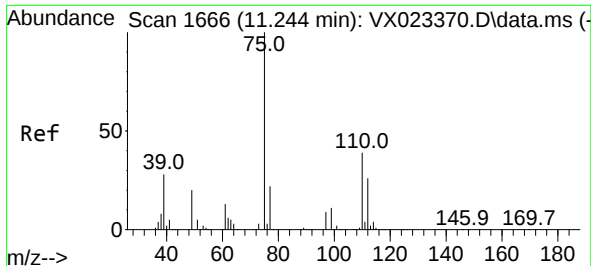
Tgt Ion:117 Resp: 236638
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion:152 Resp: 95575
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 156.2 0.0 349.0

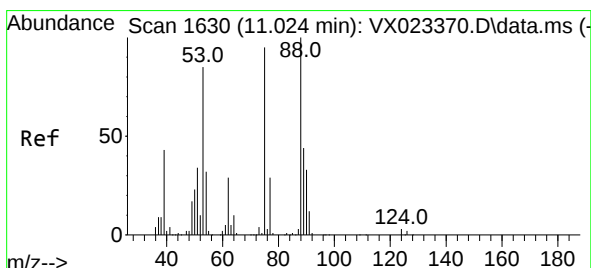
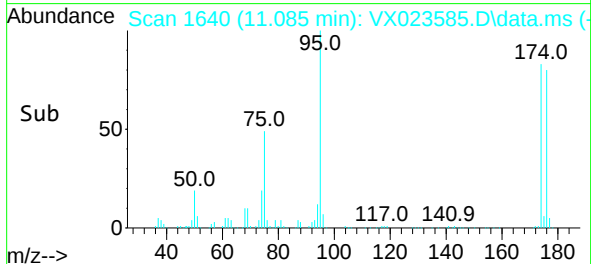
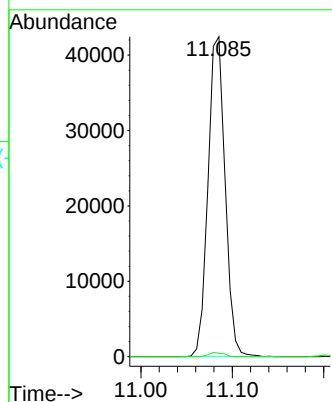
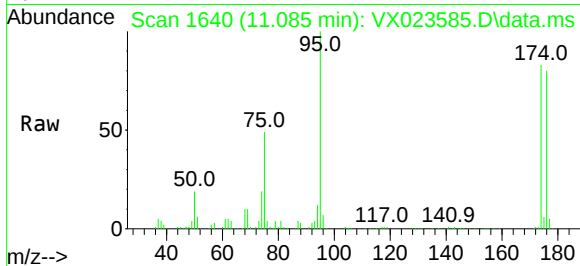




#76
1,2,3-Trichloropropane
Concen: 26.187 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

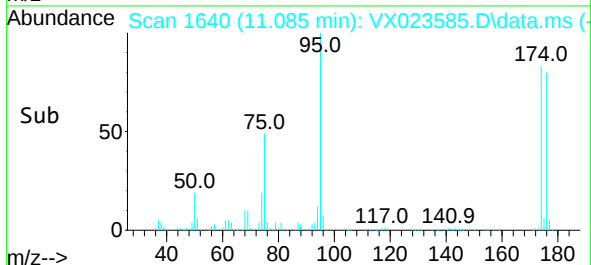
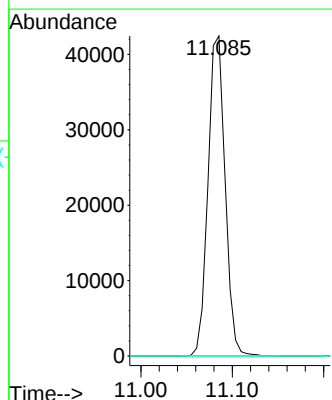
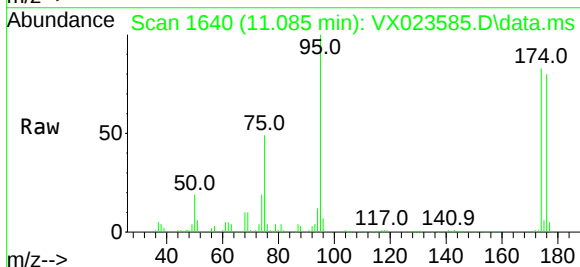
Instrument :
MSVOA_X
ClientSampled :

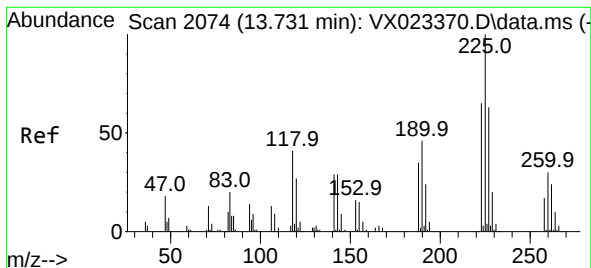
Tgt Ion: 75 Resp: 55077
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.414 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023585.D
Acq: 06 Aug 2021 10:33

Tgt Ion: 75 Resp: 55077
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94

Hexachlorobutadiene

Concen: 0.220 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VX023585.D

Acq: 06 Aug 2021 10:33

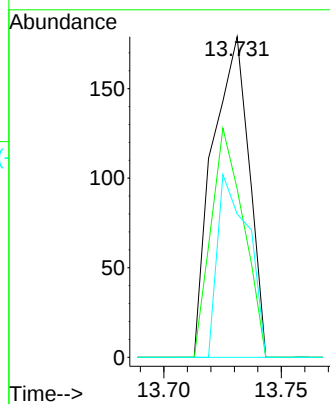
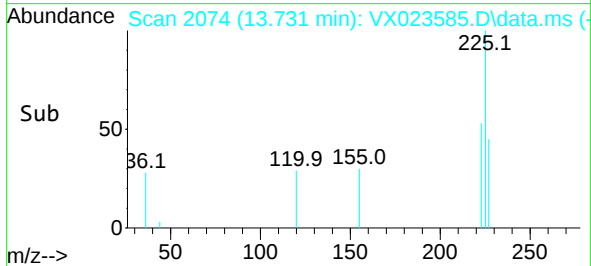
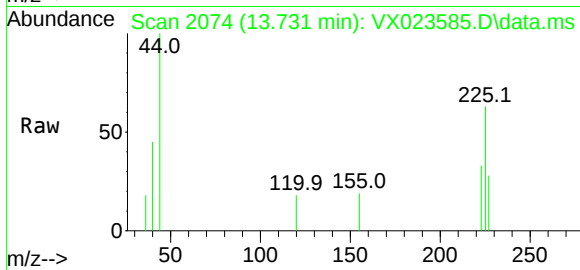
Tgt Ion:225 Resp: 193

Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.2

227 48.2 31.6 95.0



Instrument :
MSVOA_X
ClientSampleId :