

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023294.D
 Acq On : 15 Jul 2021 10:20
 Operator : JC/MD
 Sample : VX0715MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

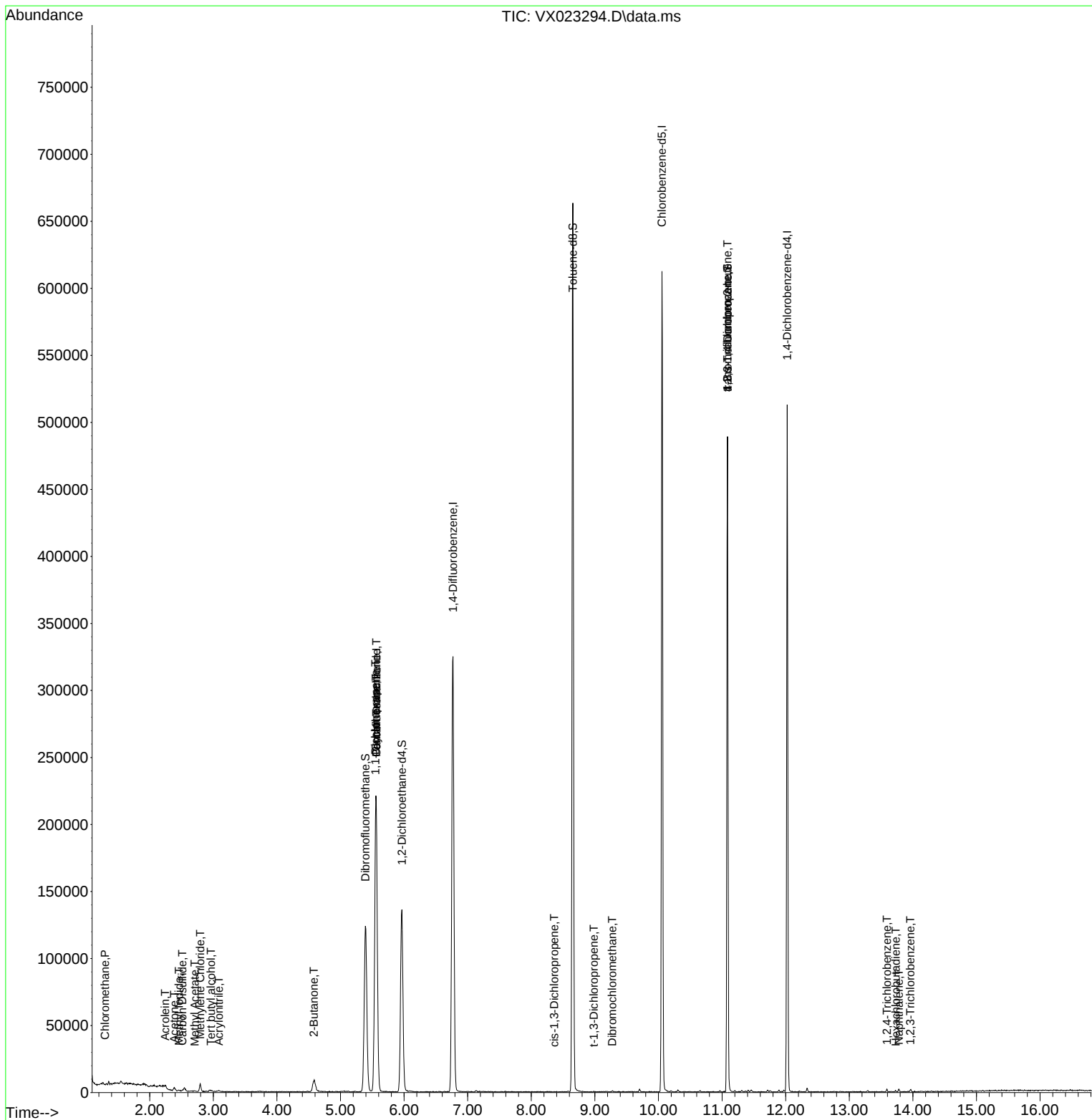
Quant Time: Jul 16 03:50:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	207868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138963	49.741	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.480%		
35) Dibromofluoromethane	5.391	113	107696	50.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.020%		
50) Toluene-d8	8.653	98	394792	49.145	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.085	95	128779	41.525	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.040%		
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	469	0.252	ug/l #	81
5) Bromomethane	1.618	94	421	Below Cal	#	60
10) Methyl Iodide	2.459	142	713	0.289	ug/l #	94
11) Tert butyl alcohol	2.965	59	843	1.434	ug/l #	73
13) Acrolein	2.239	56	401	1.025	ug/l #	82
15) Acrylonitrile	3.087	53	332	0.291	ug/l #	68
16) Acetone	2.386	43	2393	2.165	ug/l #	82
17) Carbon Disulfide	2.514	76	961	0.246	ug/l #	75
18) Methyl Acetate	2.709	43	810	0.302	ug/l #	53
20) Methylene Chloride	2.794	84	2331	0.980	ug/l #	91
25) 2-Butanone	4.581	43	951	0.571	ug/l #	45
31) Cyclohexane	5.556	56	4219	1.261	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	15735	5.293	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21291	6.861	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	189	2.785	ug/l	89
54) cis-1,3-Dichloropropene	8.360	75	41	2.183	ug/l #	21
60) Dibromochloromethane	9.275	129	74	3.139	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	67139	32.612	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	67139	87.148	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	562	0.271	ug/l	90
94) Hexachlorobutadiene	13.731	225	195	0.222	ug/l #	58
95) Naphthalene	13.780	128	1513	1.469	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	521	0.250	ug/l	89

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

Quant Time: Jul 16 03:50:01 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

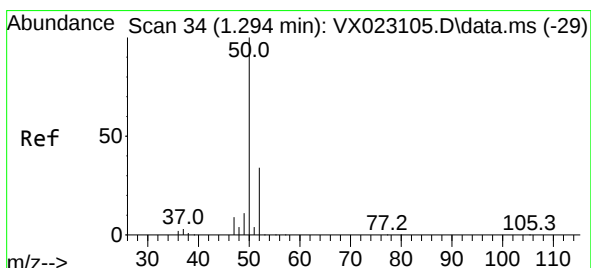
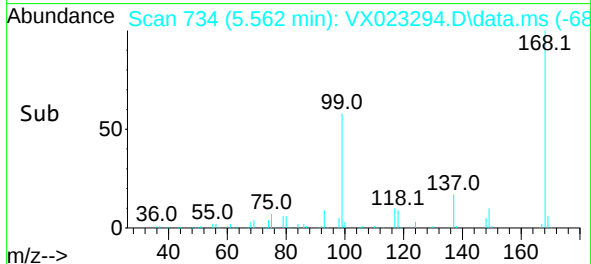
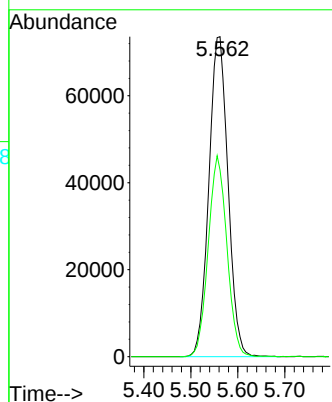
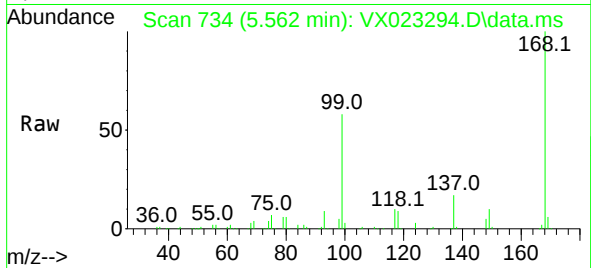




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

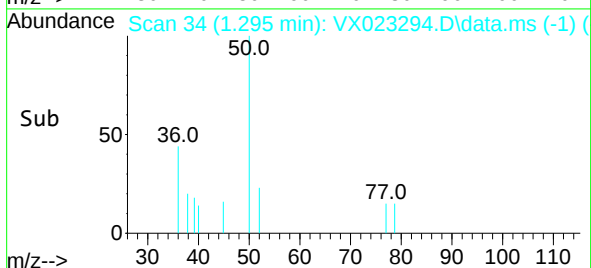
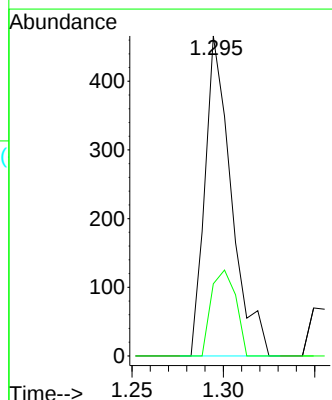
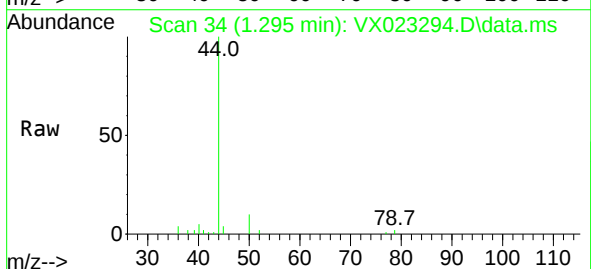
Instrument :
MSVOA_X
ClientSampled :

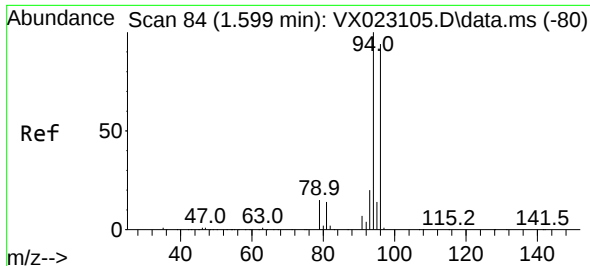
Tgt Ion:168 Resp: 207868
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 50 Resp: 469
Ion Ratio Lower Upper
50 100
52 22.5 26.4 39.6#

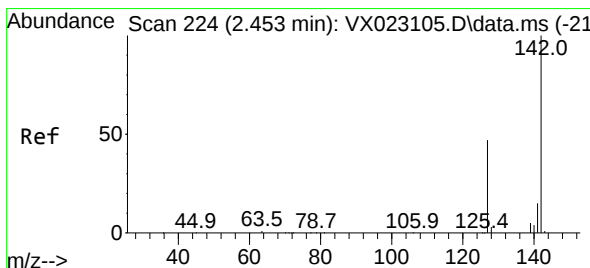
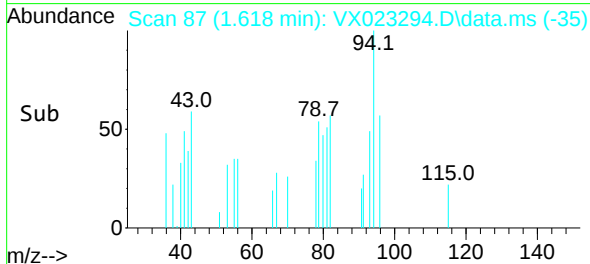
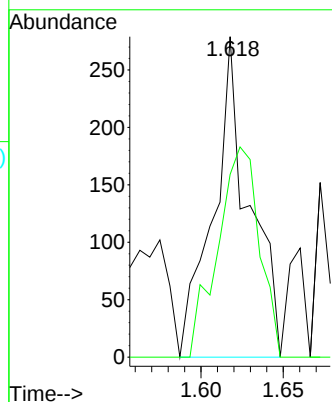
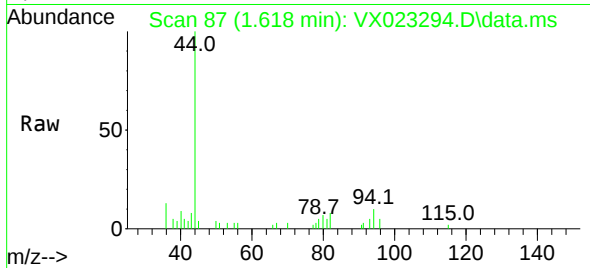




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

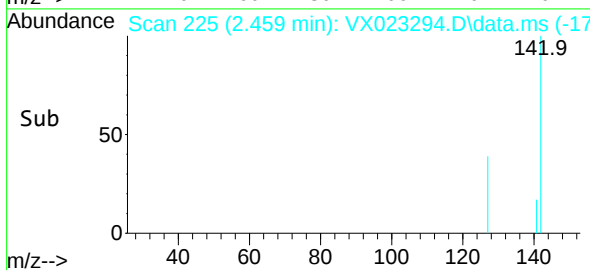
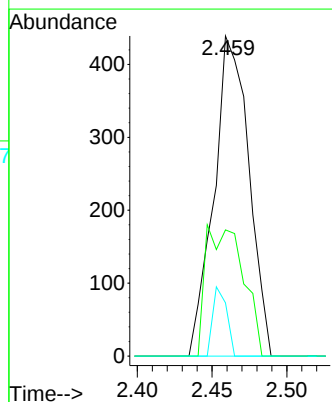
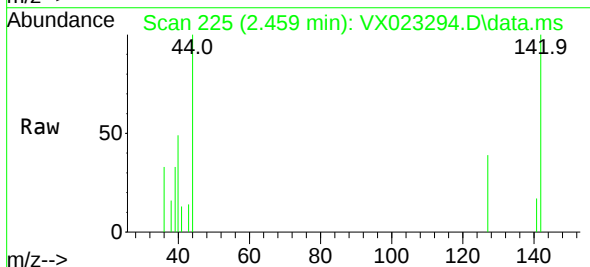
Instrument :
MSVOA_X
ClientSampled :

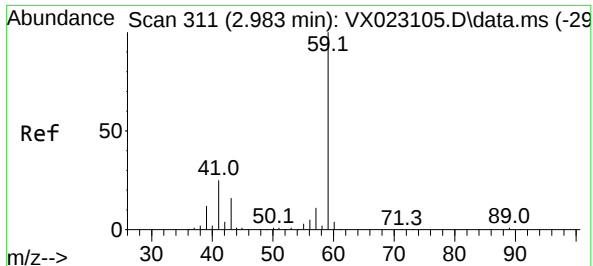
Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 57.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.289 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 142 Resp: 713
Ion Ratio Lower Upper
142 100
127 43.8 33.3 49.9
141 8.6 11.4 17.0#



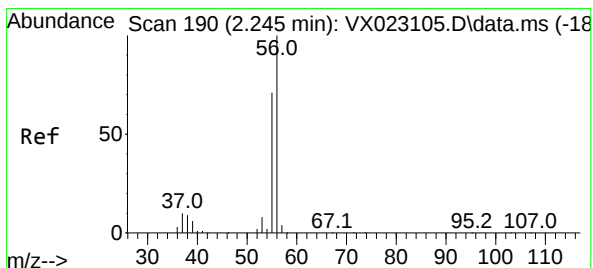
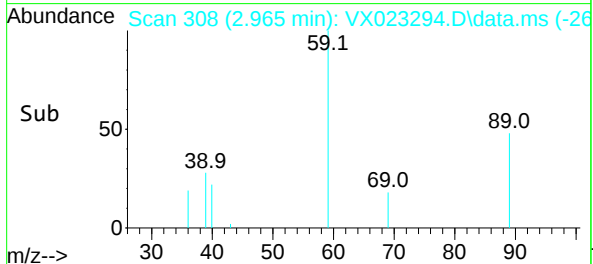
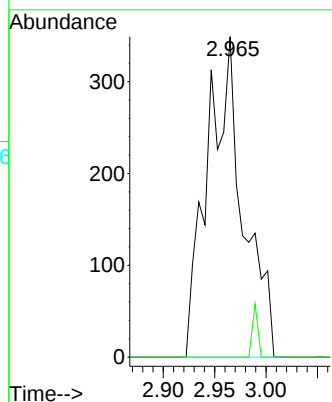
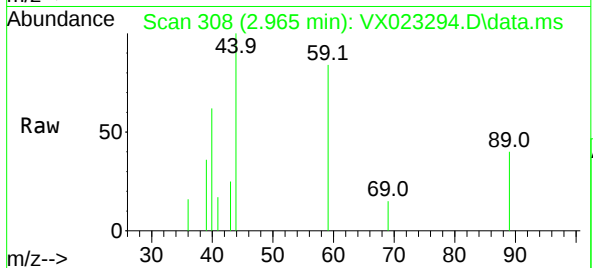


#11

Tert butyl alcohol
Concen: 1.434 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Instrument :
MSVOA_X
ClientSampled :

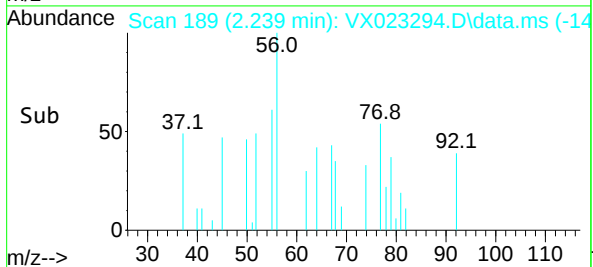
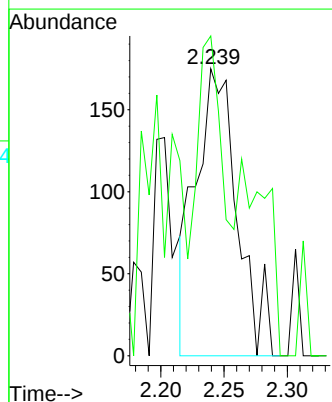
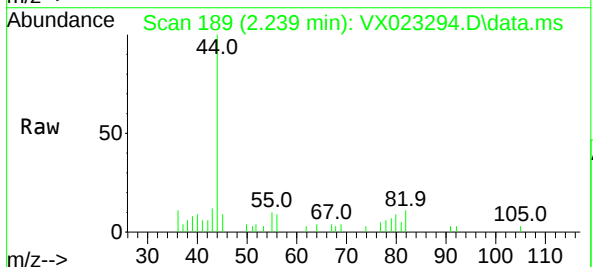
Tgt Ion: 59 Resp: 843
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

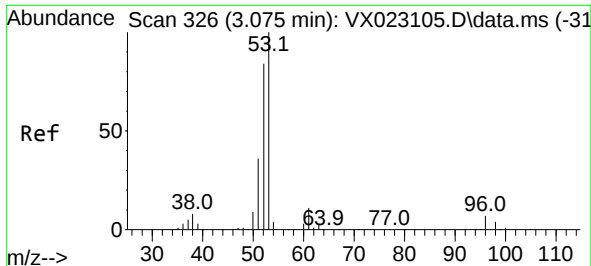


#13

Acrolein
Concen: 1.025 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 56 Resp: 401
Ion Ratio Lower Upper
56 100
55 55.6 56.4 84.6#

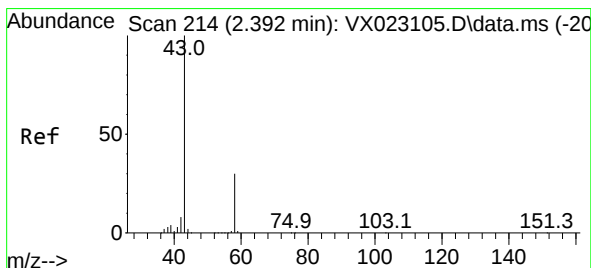
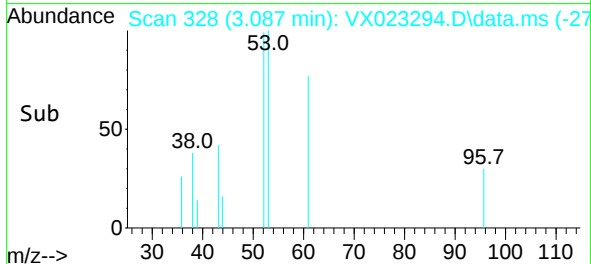
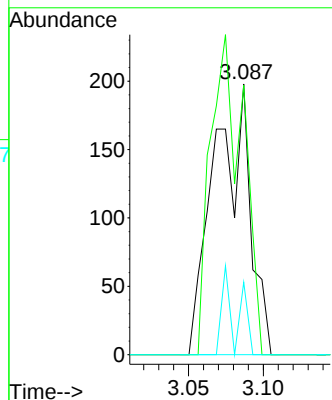
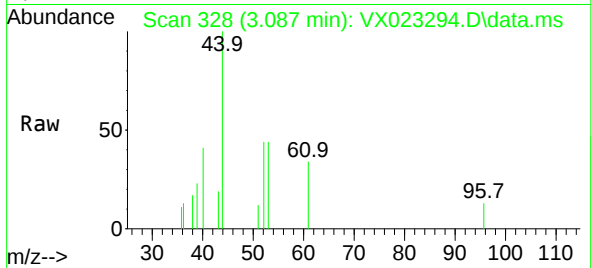




#15
Acrylonitrile
Concen: 0.291 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

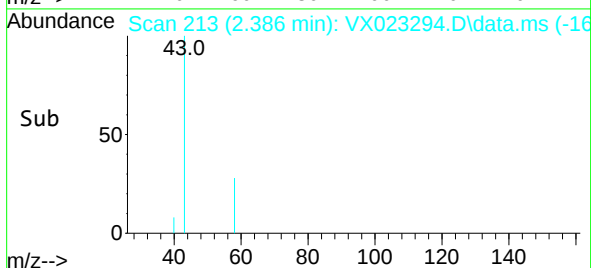
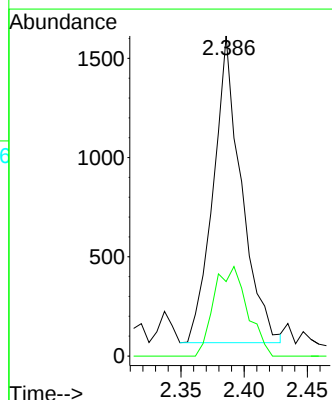
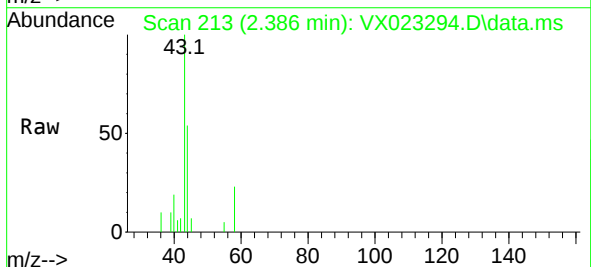
Instrument :
MSVOA_X
ClientSampled :

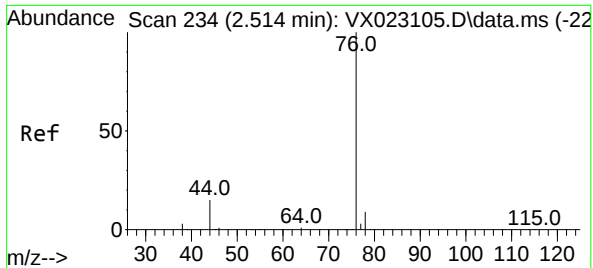
Tgt Ion: 53 Resp: 332
Ion Ratio Lower Upper
53 100
52 107.2 65.3 97.9#
51 13.0 28.2 42.2#



#16
Acetone
Concen: 2.165 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 43 Resp: 2393
Ion Ratio Lower Upper
43 100
58 24.3 27.8 41.8#

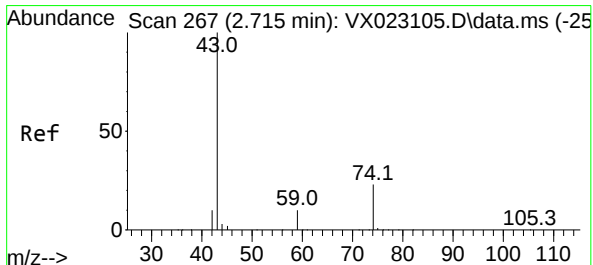
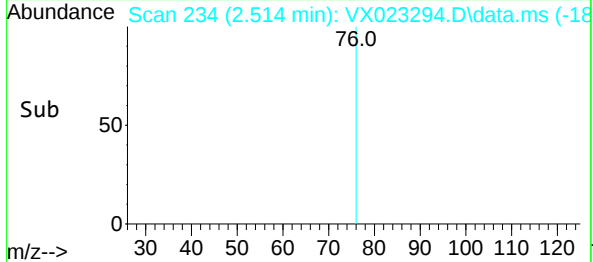
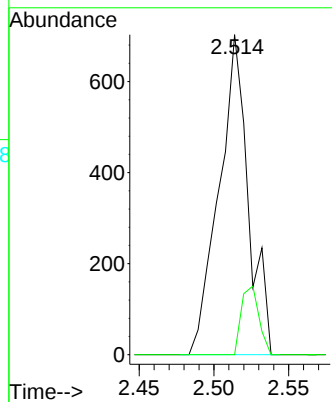
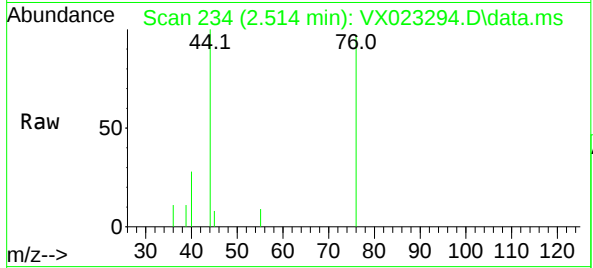




#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

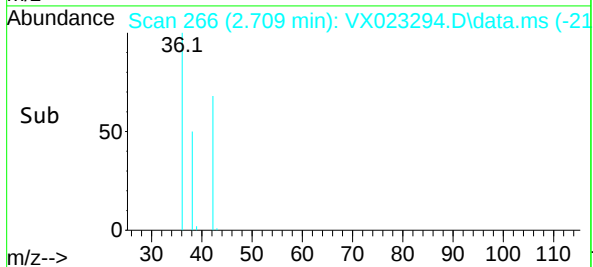
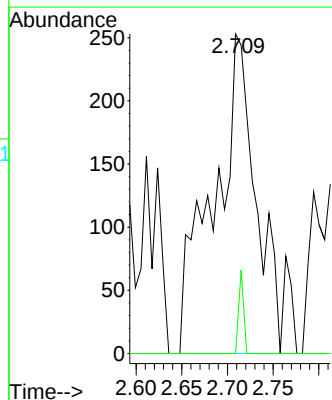
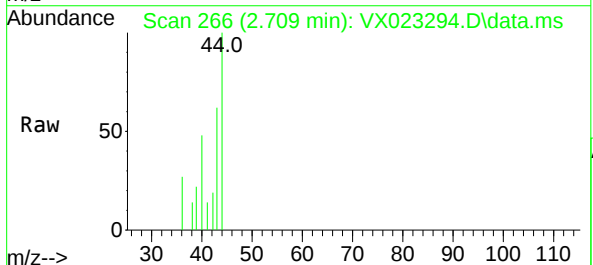
Instrument :
MSVOA_X
ClientSampled :

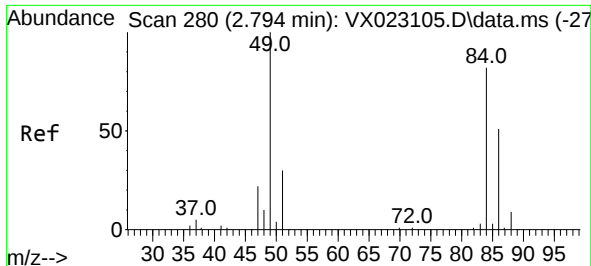
Tgt Ion: 76 Resp: 961
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.302 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
74 3.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.980 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023294.D

Acq: 15 Jul 2021 10:20

Tgt Ion: 84 Resp: 2331

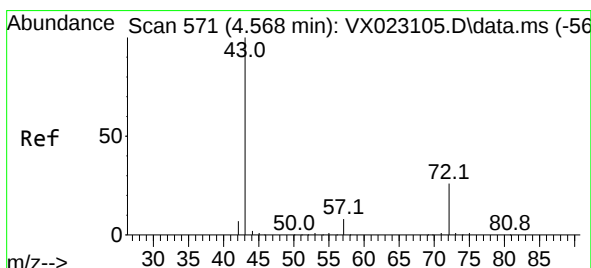
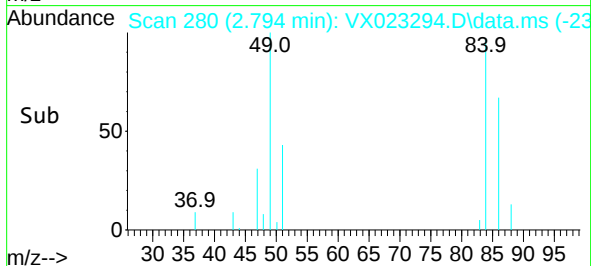
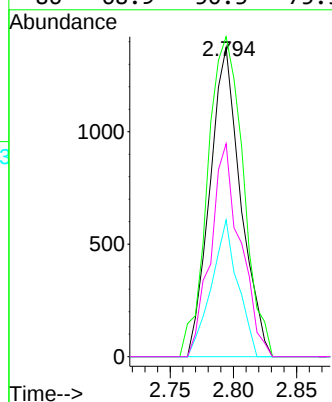
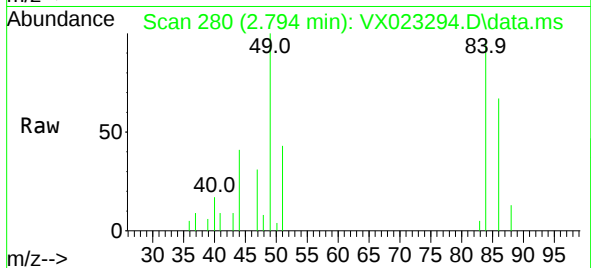
Ion Ratio Lower Upper

84 100

49 103.5 88.6 132.8

51 44.2 27.0 40.6#

86 68.9 50.3 75.5



#25

2-Butanone

Concen: 0.571 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX023294.D

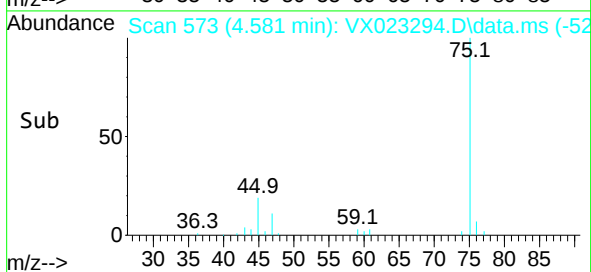
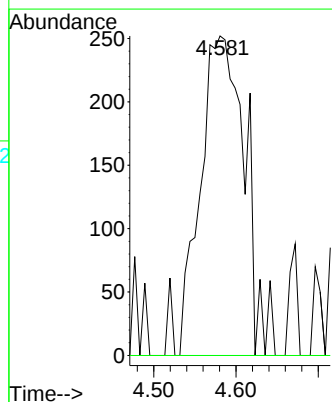
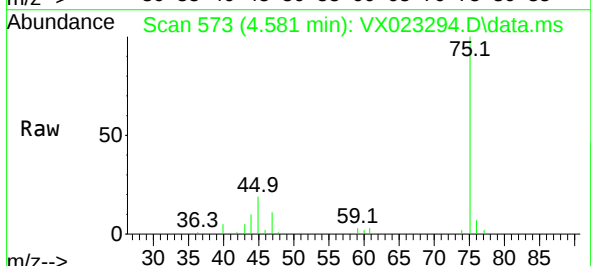
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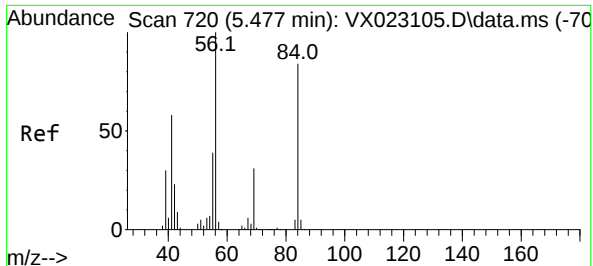
Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

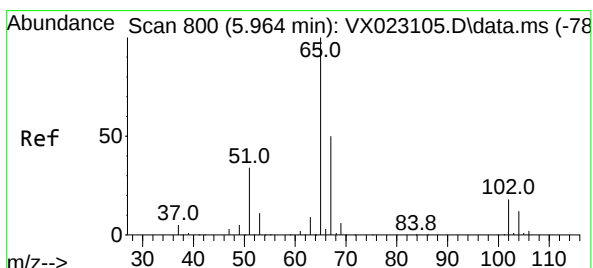
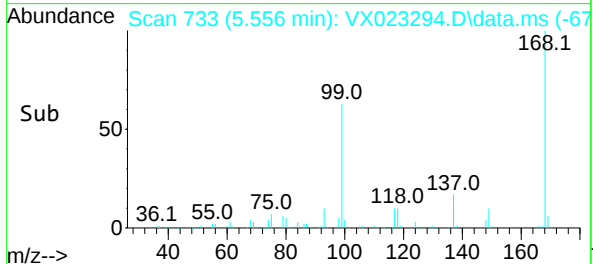
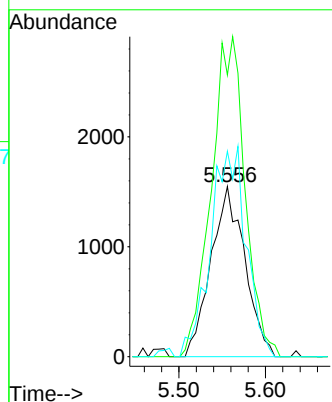
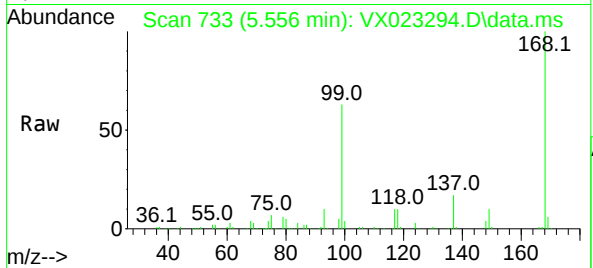




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

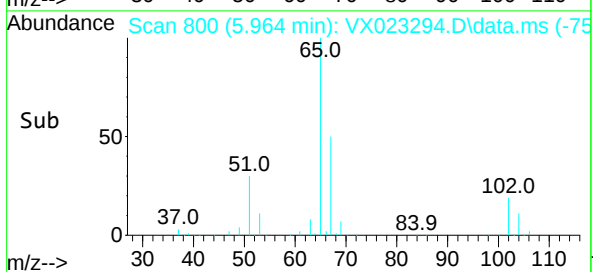
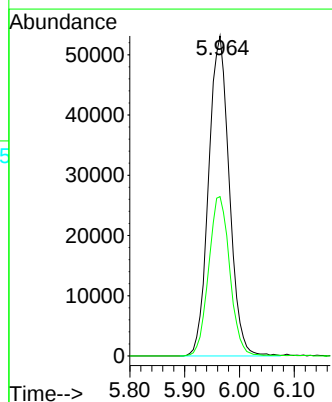
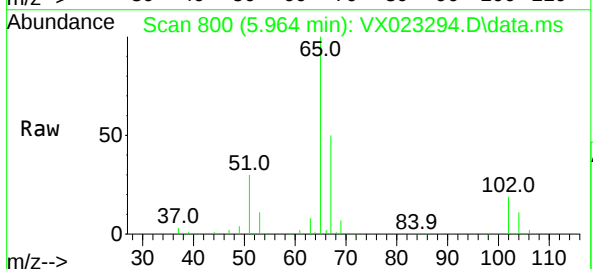
Instrument :
MSVOA_X
ClientSampleId :

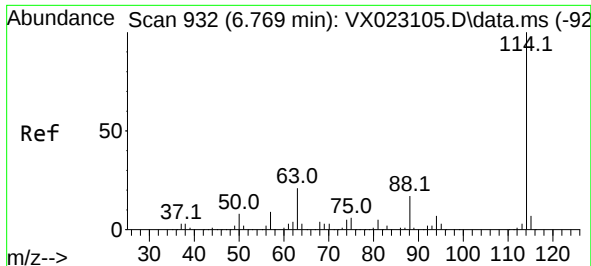
Tgt Ion: 56 Resp: 4219
Ion Ratio Lower Upper
56 100
69 165.5 25.3 37.9#
84 120.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.741 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 65 Resp: 138963
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

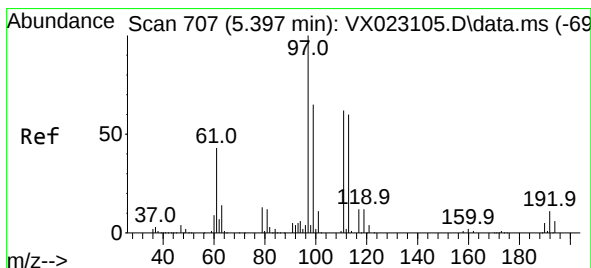
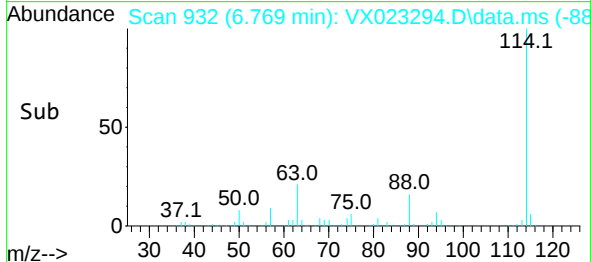
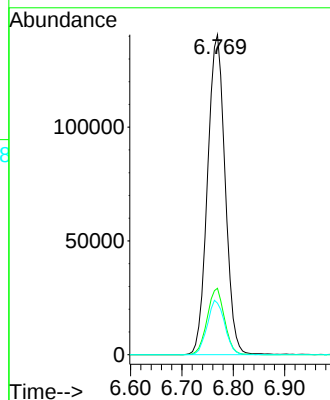
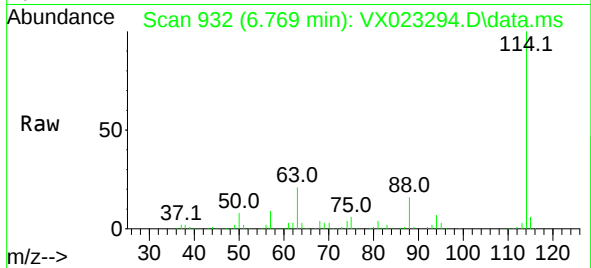




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

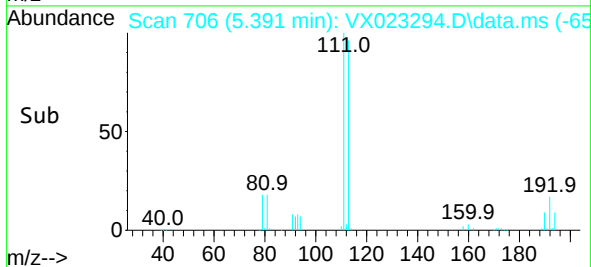
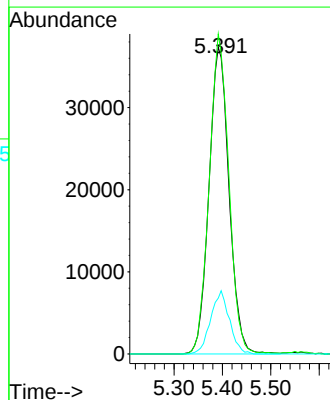
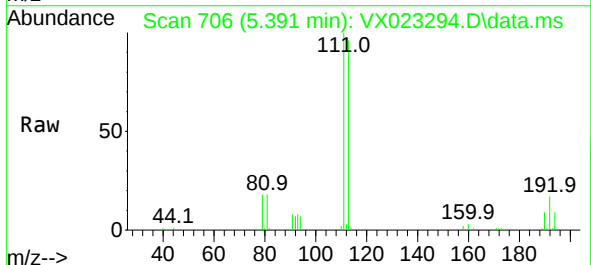
Instrument :
MSVOA_X
ClientSampled :

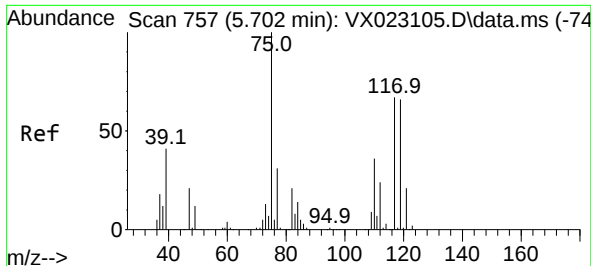
Tgt Ion:114 Resp: 333489
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.009 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion:113 Resp: 107696
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.293 ug/l

RT: 5.550 min Scan# 732

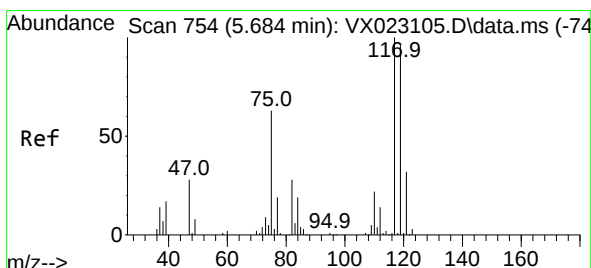
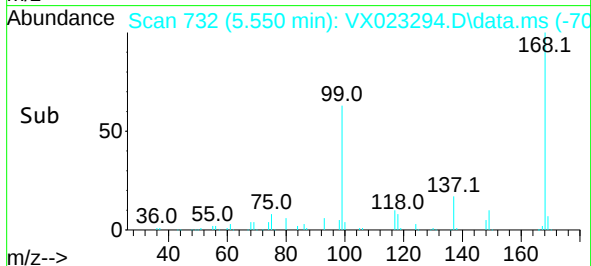
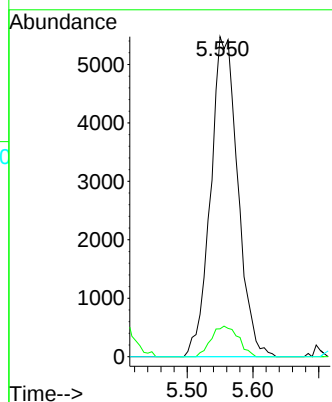
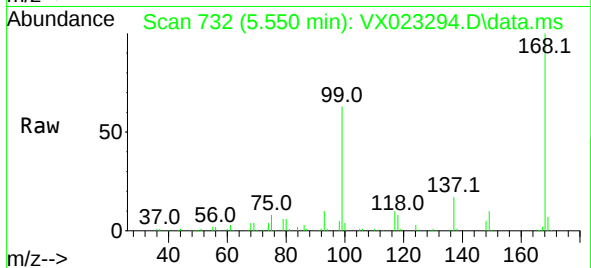
Delta R.T. -0.152 min

Lab File: VX023294.D

Acq: 15 Jul 2021 10:20

Tgt Ion: 75	Resp: 15735
Ion Ratio	Lower Upper
75 100	
110 9.6	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.861 ug/l

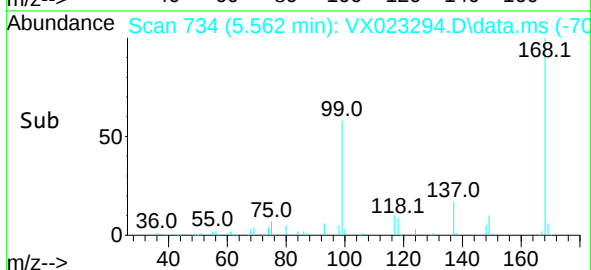
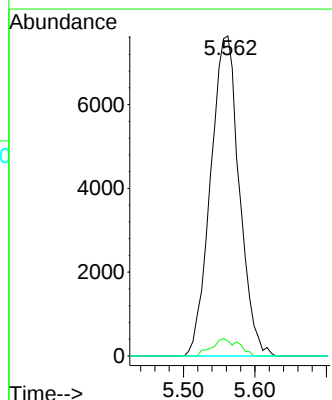
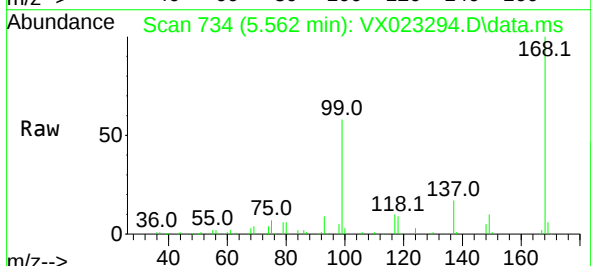
RT: 5.562 min Scan# 734

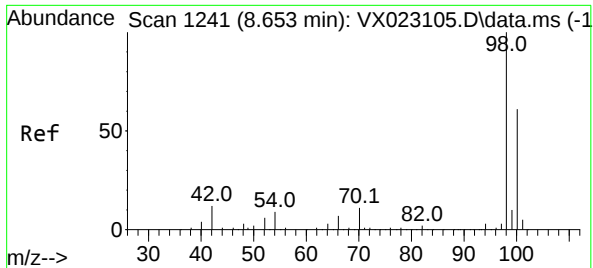
Delta R.T. -0.122 min

Lab File: VX023294.D

Acq: 15 Jul 2021 10:20

Tgt Ion: 117	Resp: 21291
Ion Ratio	Lower Upper
117 100	
119 4.7	76.2 114.2#
121 0.0	24.8 37.2#

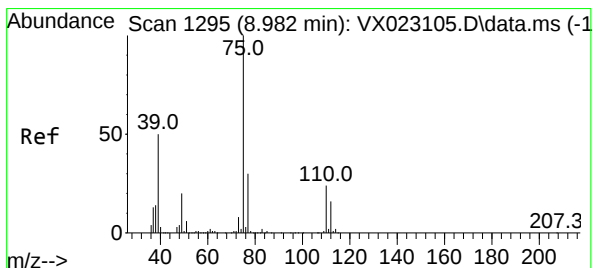
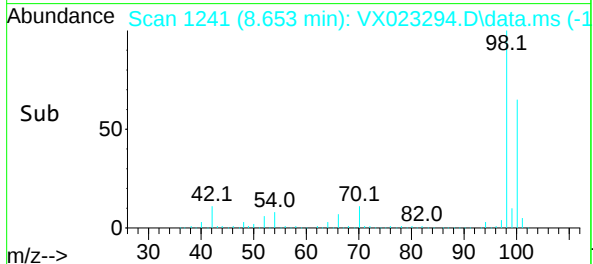
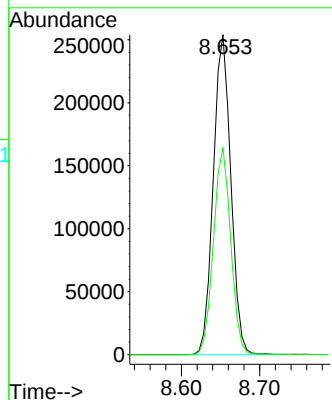
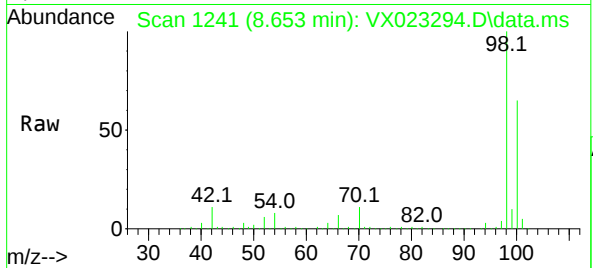




#50
Toluene-d8
Concen: 49.145 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

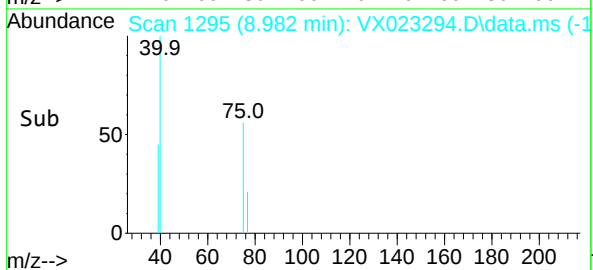
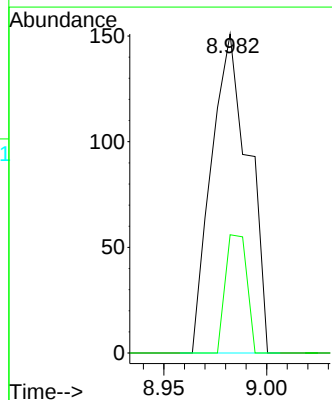
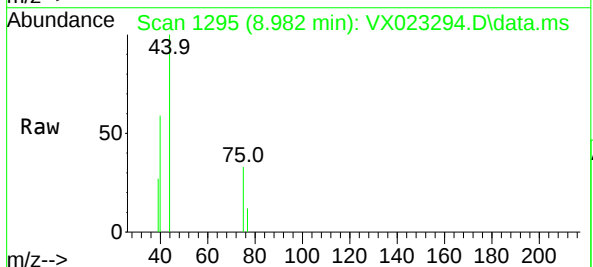
Instrument :
MSVOA_X
ClientSampleId :

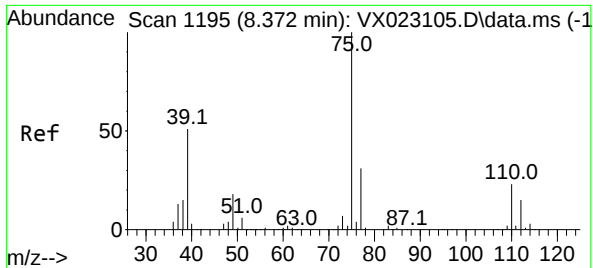
Tgt Ion: 98 Resp: 394792
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.785 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 75 Resp: 189
Ion Ratio Lower Upper
75 100
77 37.1 24.9 37.3

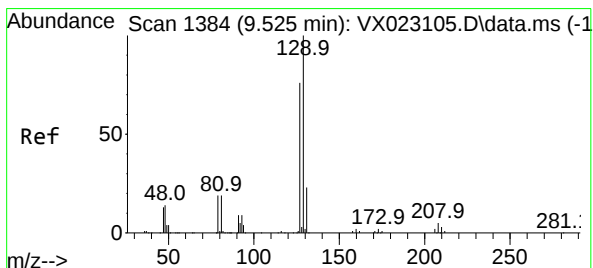
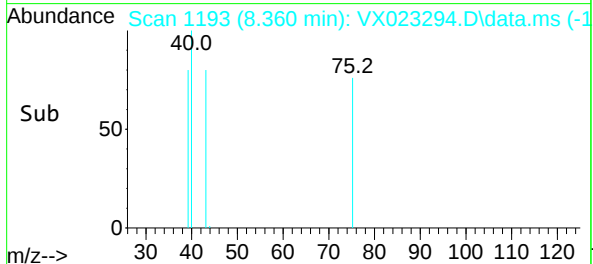
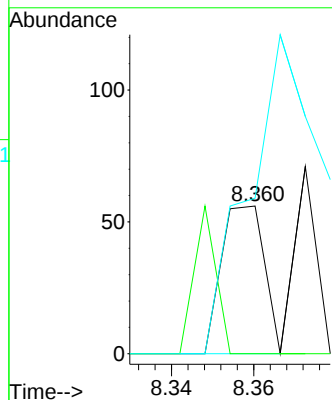
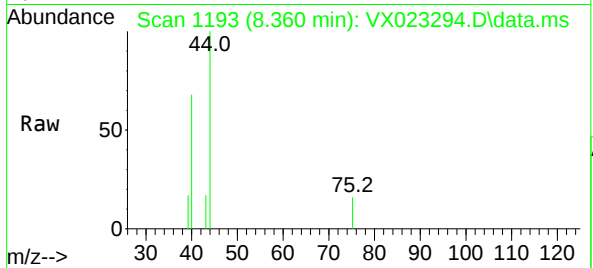




#54
 cis-1,3-Dichloropropene
 Concen: 2.183 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.012 min
 Lab File: VX023294.D
 Acq: 15 Jul 2021 10:20

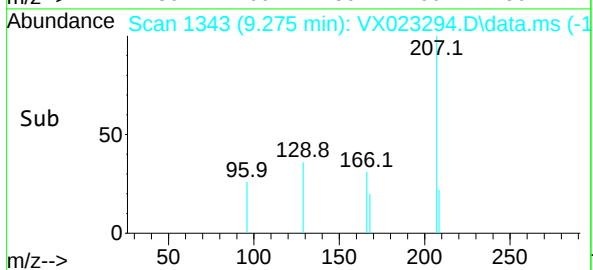
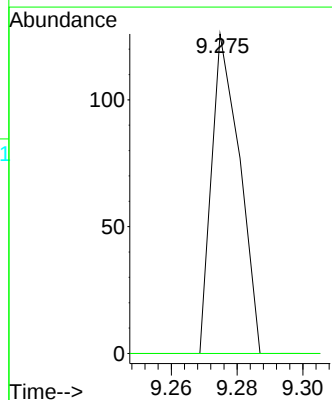
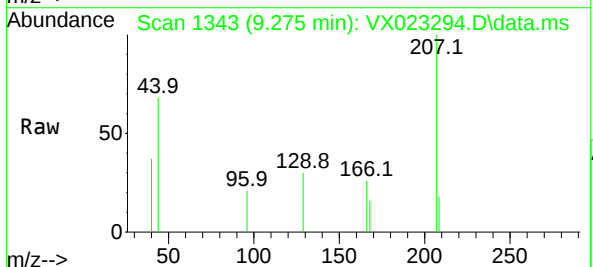
Instrument :
 MSVOA_X
 ClientSampled :

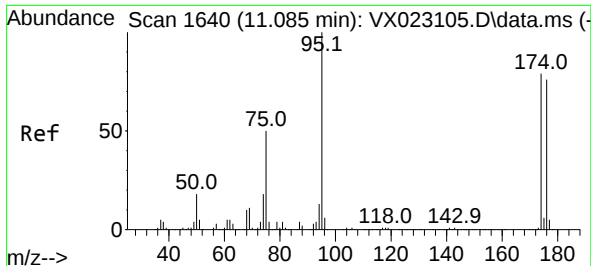
Tgt Ion: 75	Resp:	41
Ion	Ratio	Lower Upper
75	100	
77	0.0	25.7 38.5#
39	105.4	35.1 52.7#



#60
 Dibromochloromethane
 Concen: 3.139 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.250 min
 Lab File: VX023294.D
 Acq: 15 Jul 2021 10:20

Tgt Ion: 129	Resp:	74
Ion	Ratio	Lower Upper
129	100	
127	0.0	38.4 115.2#

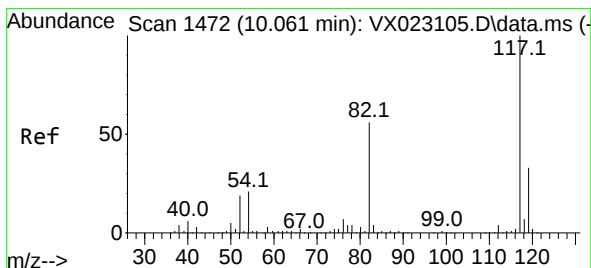
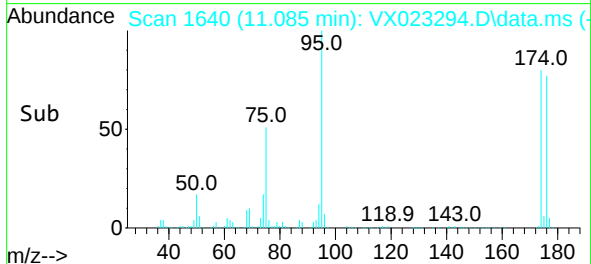
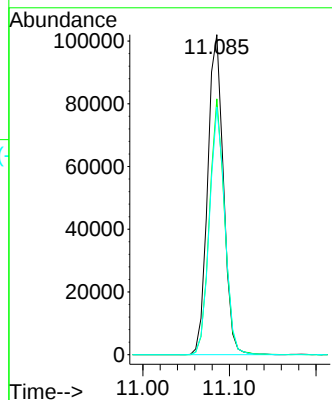
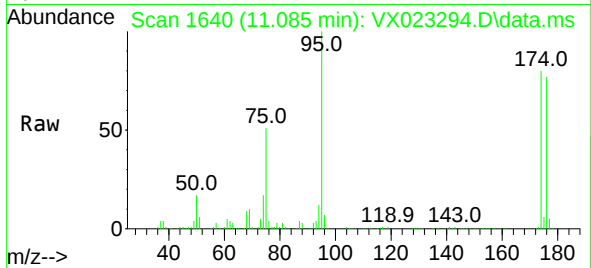




#62
4-Bromofluorobenzene
Concen: 41.525 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

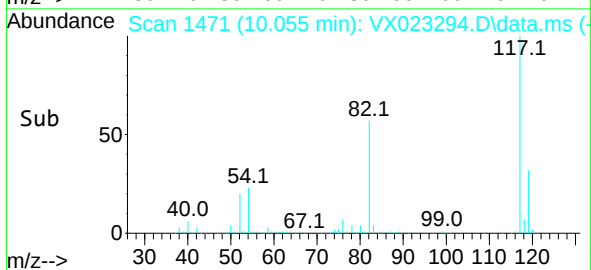
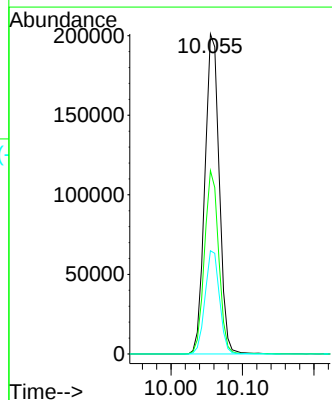
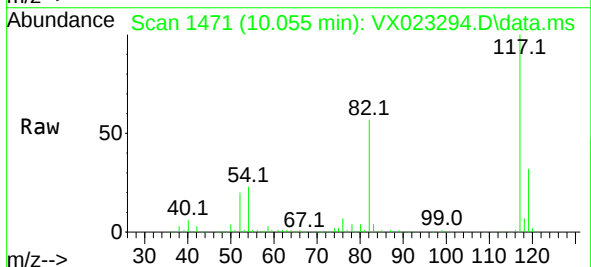
Instrument :
MSVOA_X
ClientSampled :

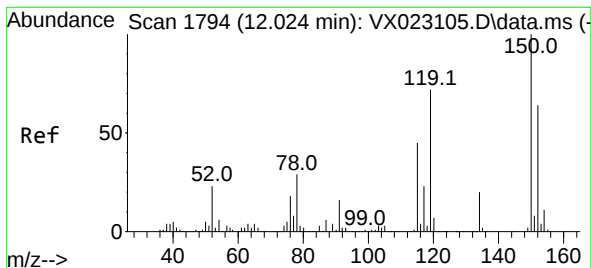
Tgt Ion: 95 Resp: 128779
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 75.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

Tgt Ion: 117 Resp: 281320
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.3 26.6 39.8

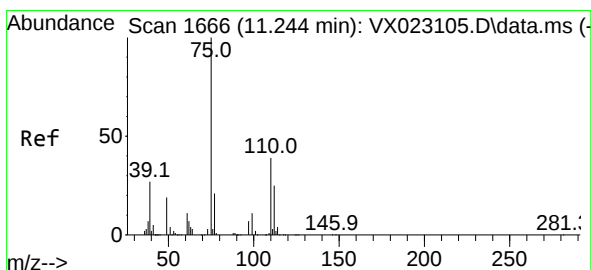
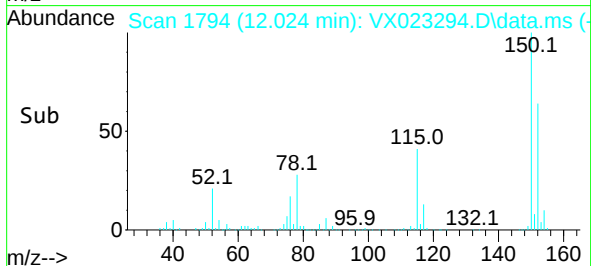
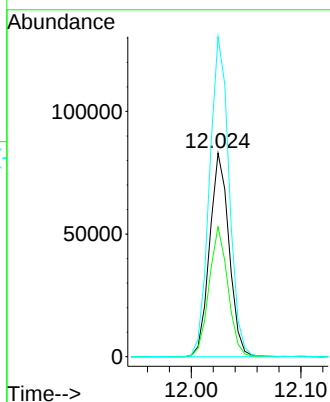
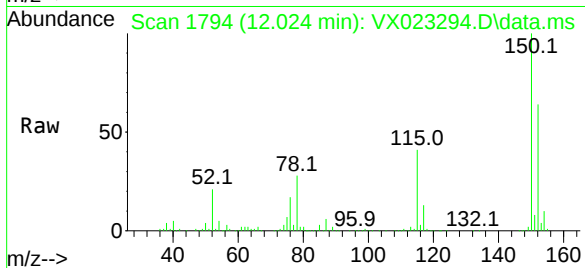




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023294.D
 Acq: 15 Jul 2021 10:20

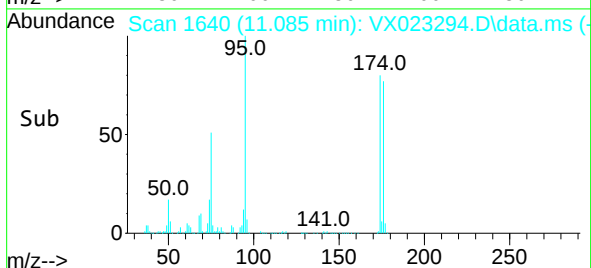
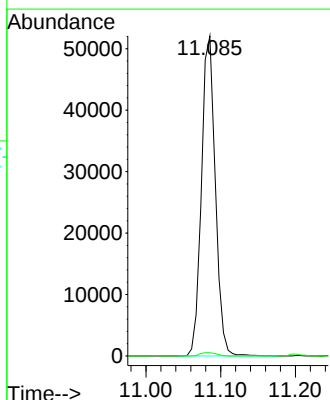
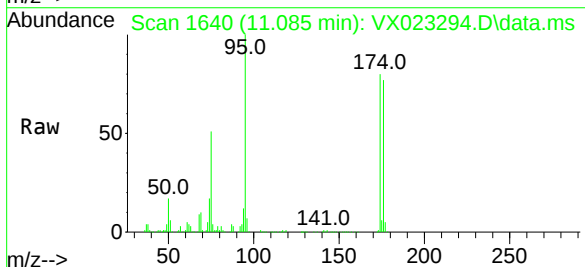
Instrument :
 MSVOA_X
 ClientSampled :

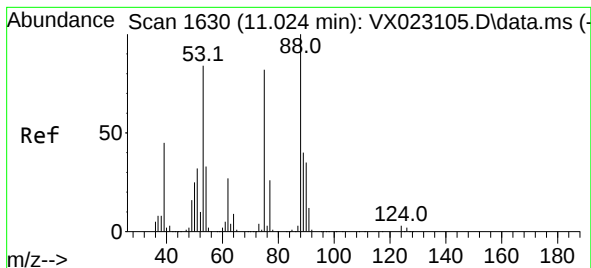
Tgt Ion:152 Resp: 102305
 Ion Ratio Lower Upper
 152 100
 115 61.7 41.1 123.3
 150 158.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 32.612 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023294.D
 Acq: 15 Jul 2021 10:20

Tgt Ion: 75 Resp: 67139
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

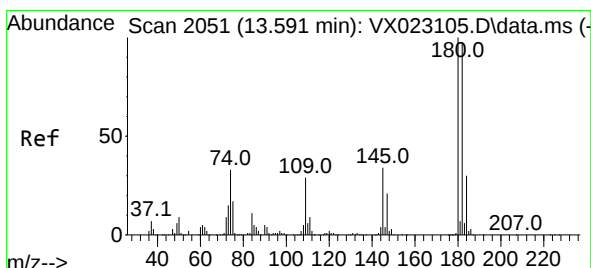
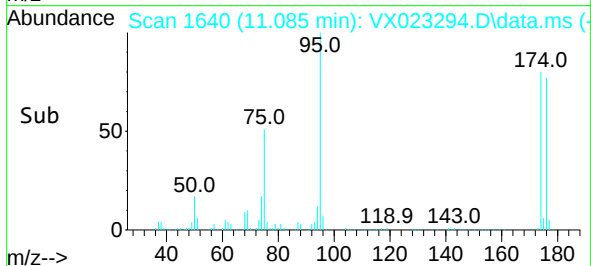
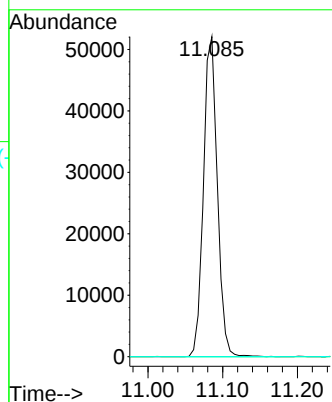
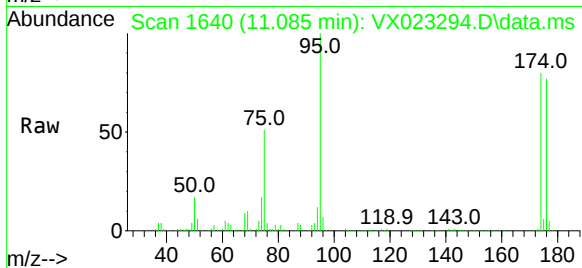




#81
trans-1,4-Dichloro-2-butene
Concen: 87.148 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

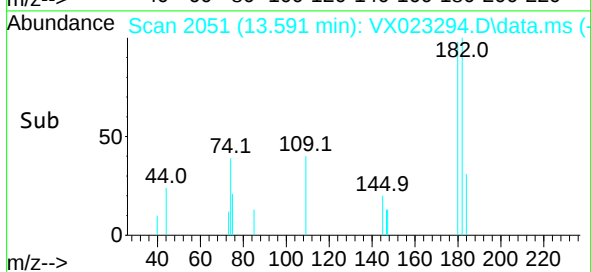
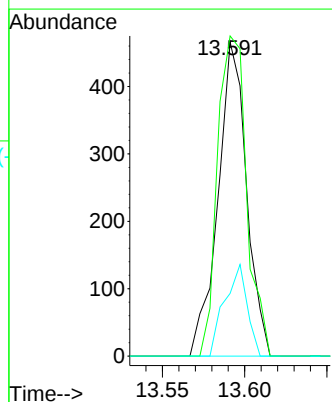
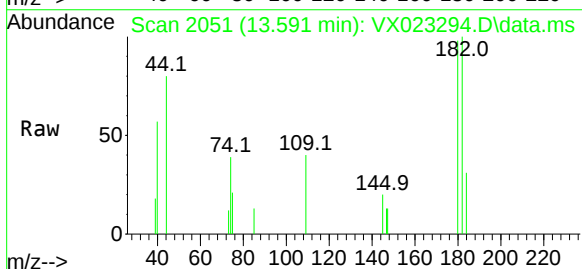
Instrument :
MSVOA_X
ClientSampled :

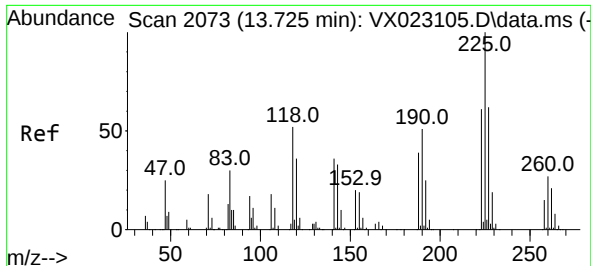
Tgt Ion: 75 Resp: 67139
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.271 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

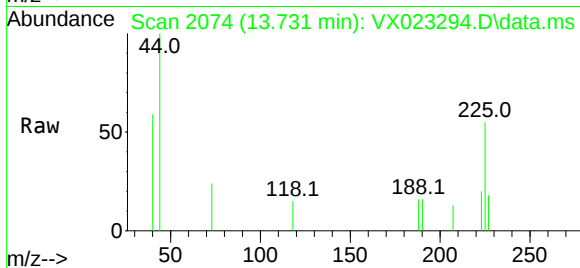
Tgt Ion:180 Resp: 562
Ion Ratio Lower Upper
180 100
182 103.7 47.7 143.1
145 23.0 15.0 45.0



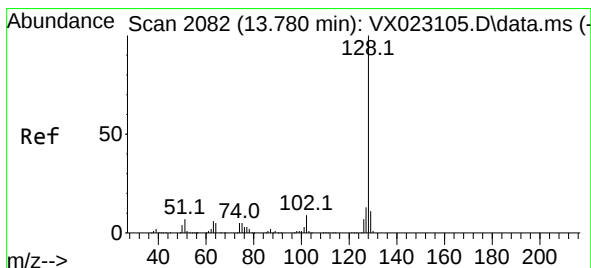
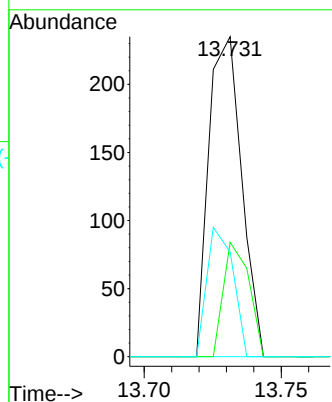
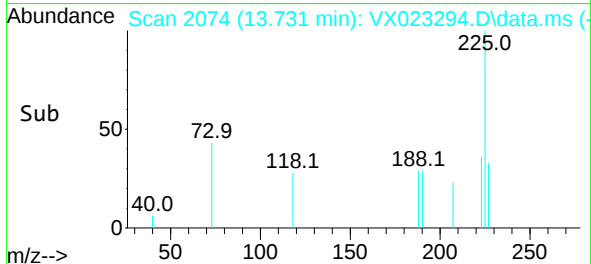


#94
Hexachlorobutadiene
Concen: 0.222 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20

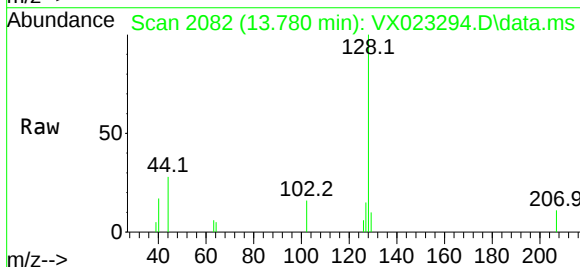
Instrument :
MSVOA_X
ClientSampled :



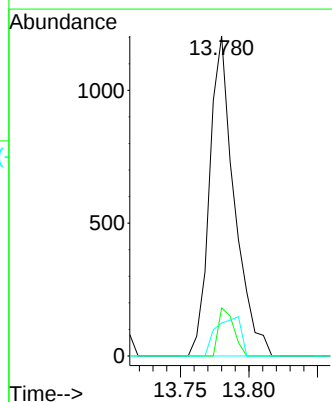
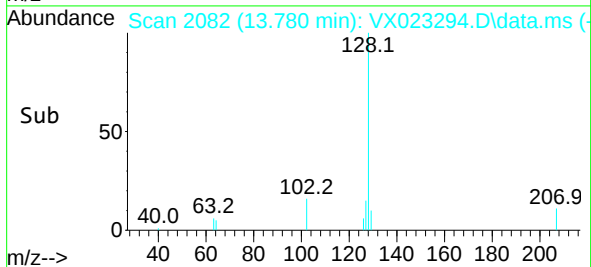
Tgt Ion:225 Resp: 195
Ion Ratio Lower Upper
225 100
223 28.2 31.1 93.2#
227 32.3 31.6 95.0

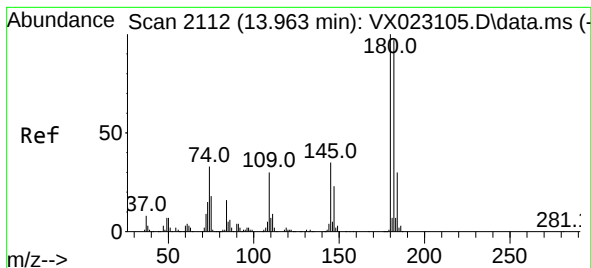


#95
Naphthalene
Concen: 1.469 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023294.D
Acq: 15 Jul 2021 10:20



Tgt Ion:128 Resp: 1513
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 12.2 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.250 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX023294.D
 Acq: 15 Jul 2021 10:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.5	47.6	142.9
145	35.9	16.1	48.3

