

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023286.D
 Acq On : 14 Jul 2021 17:56
 Operator : JC/MD
 Sample : M3026-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:29:37 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)

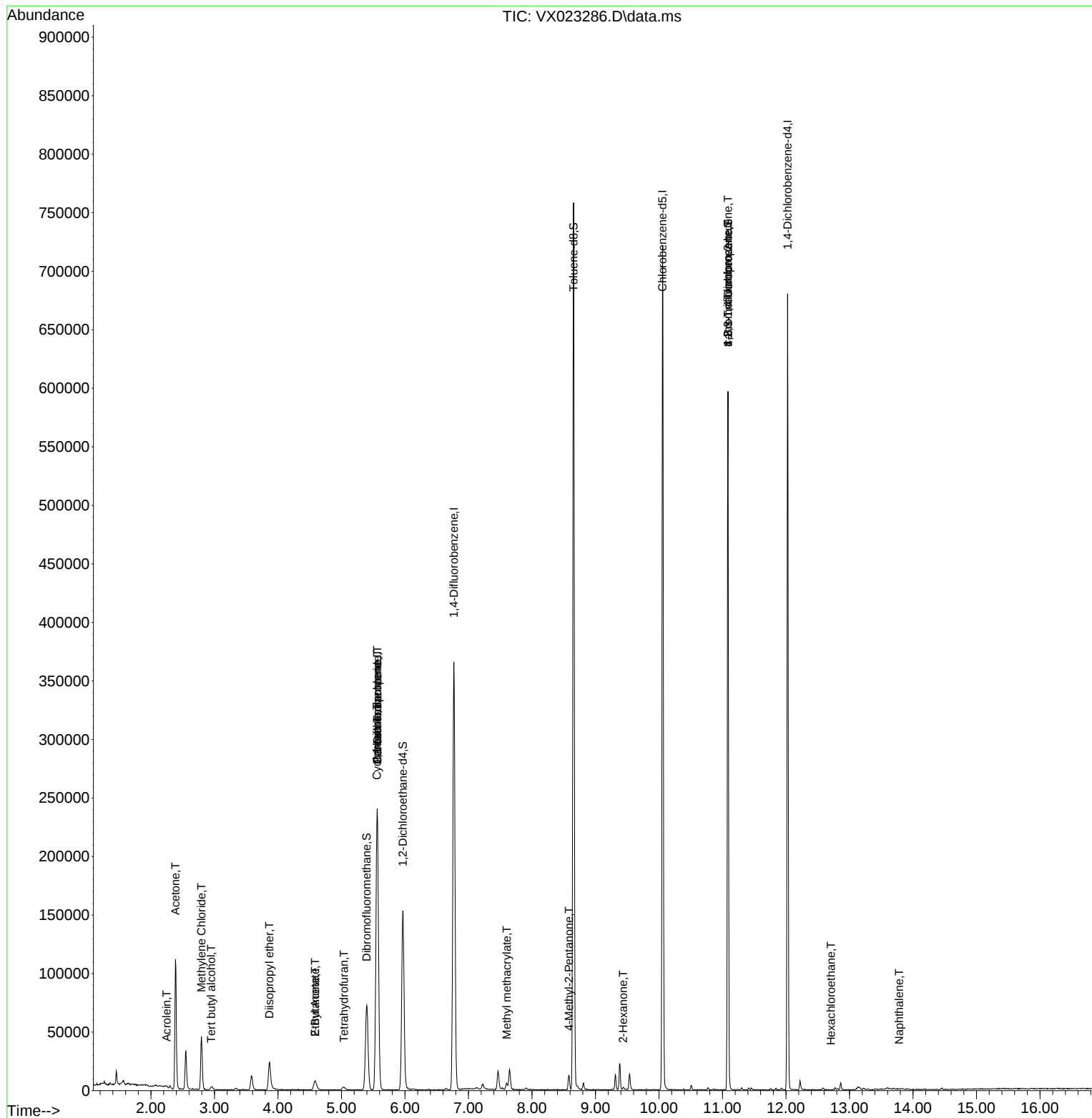
Internal Standards						
1) Pentafluorobenzene	5.562	168	224759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	370717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155222	51.385	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.780%			
35) Dibromofluoromethane	5.397	113	62981	26.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 52.620#			
50) Toluene-d8	8.653	98	435053	48.718	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.440%			
62) 4-Bromofluorobenzene	11.085	95	155024	44.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.940%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	303	Below Cal	#	56
11) Tert butyl alcohol	2.947	59	1993	3.136	ug/l #	73
13) Acrolein	2.246	56	205	0.484	ug/l #	1
16) Acetone	2.386	43	114399	95.723	ug/l	91
20) Methylene Chloride	2.794	84	20543	7.984	ug/l	98
22) Diisopropyl ether	3.861	45	1763	0.240	ug/l #	1
25) 2-Butanone	4.587	43	7115	3.948	ug/l	89
29) Tetrahydrofuran	5.038	42	2206	1.904	ug/l	89
31) Cyclohexane	5.556	56	4649	1.285	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	16999	5.144	ug/l #	50
37) Ethyl Acetate	4.587	43	7115	1.974	ug/l #	64
38) Carbon Tetrachloride	5.562	117	23314	6.758	ug/l #	15
48) Methyl methacrylate	7.604	41	8122	2.760	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	8051	2.167	ug/l	87
59) 2-Hexanone	9.433	43	1425	0.500	ug/l	74
76) 1,2,3-Trichloropropane	11.085	75	79574	28.735	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	79574	77.354	ug/l #	12
90) Hexachloroethane	12.707	117	142	3.087	ug/l #	9
95) Naphthalene	13.780	128	369	1.311	ug/l #	69

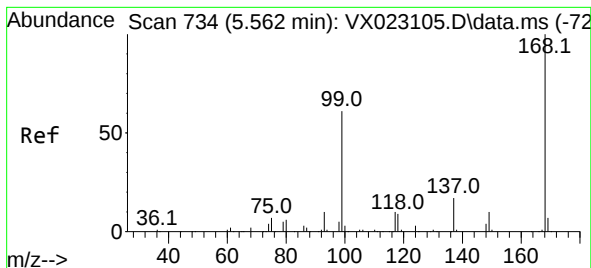
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
Data File : VX023286.D
Acq On : 14 Jul 2021 17:56
Operator : JC/MD
Sample : M3026-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 15 04:29:37 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: VX023286.D

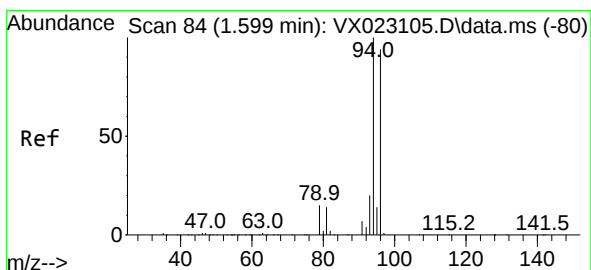
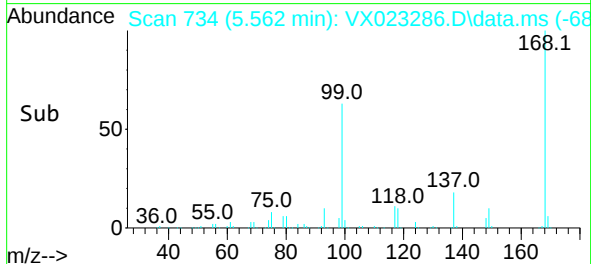
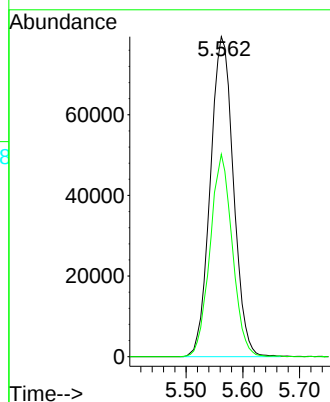
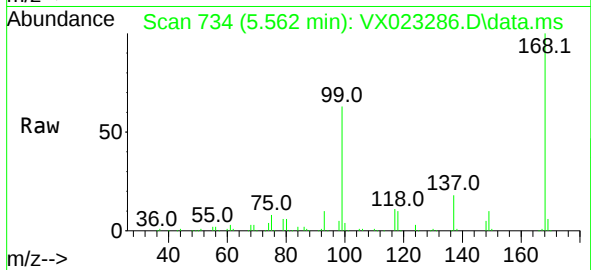
Acq: 14 Jul 2021 17:56

Tgt Ion:168 Resp: 224759

Ion Ratio Lower Upper

168 100

99 63.2 45.8 68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.624 min Scan# 88

Delta R.T. 0.025 min

Lab File: VX023286.D

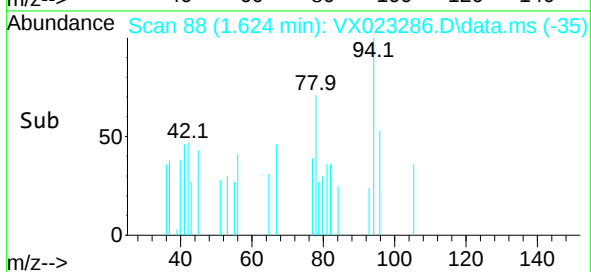
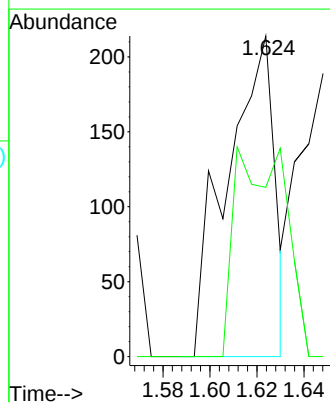
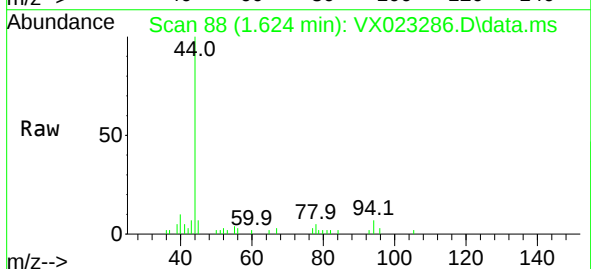
Acq: 14 Jul 2021 17:56

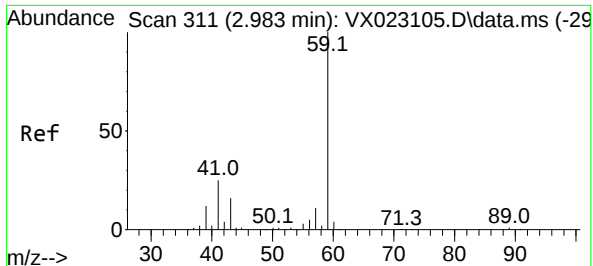
Tgt Ion: 94 Resp: 303

Ion Ratio Lower Upper

94 100

96 52.8 76.4 114.6#



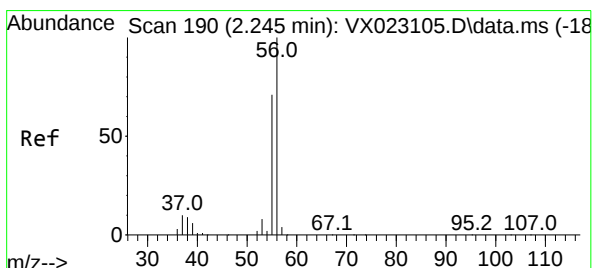
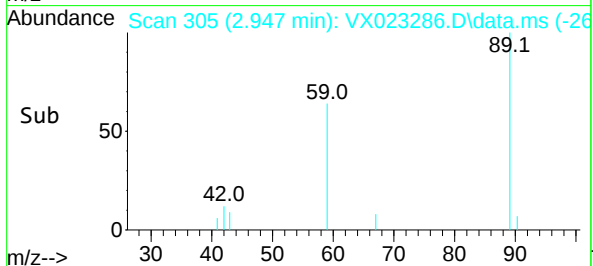
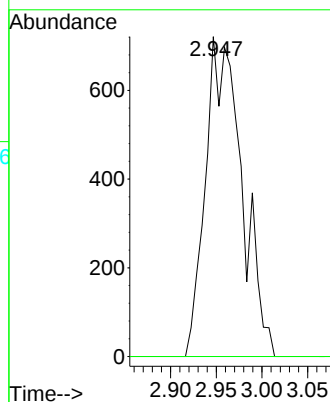
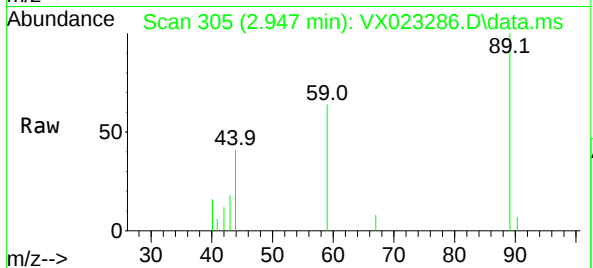


#11

Tert butyl alcohol
Concen: 3.136 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Instrument :
MSVOA_X
ClientSampled :

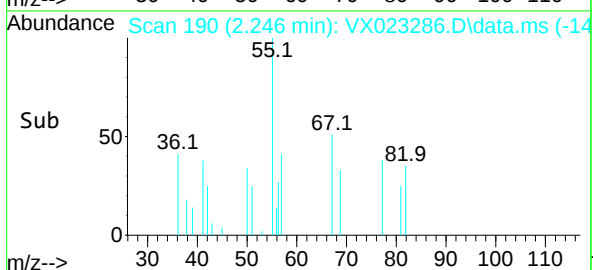
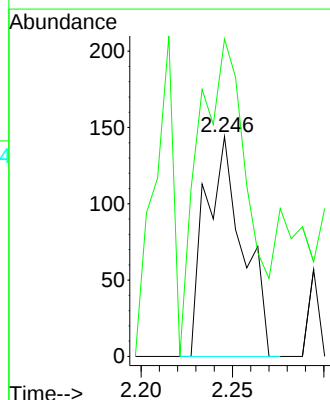
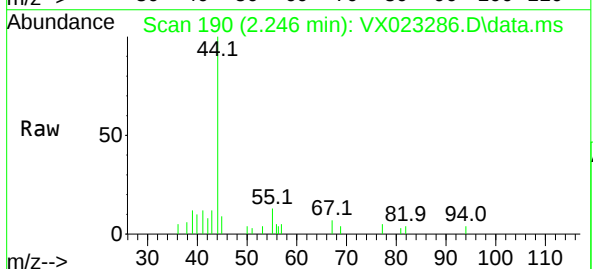
Tgt Ion: 59 Resp: 1993
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

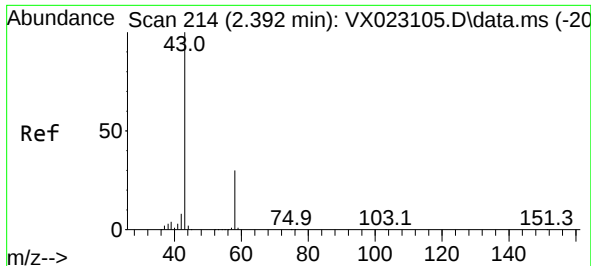


#13

Acrolein
Concen: 0.484 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 188.8 56.4 84.6#

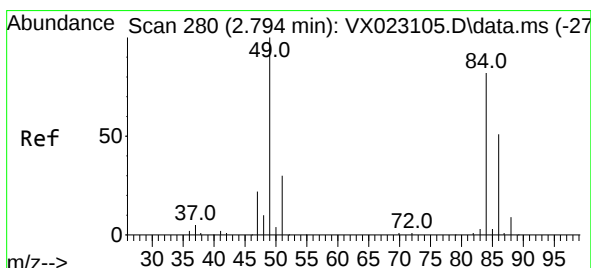
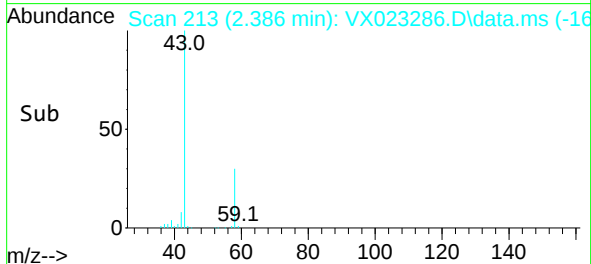
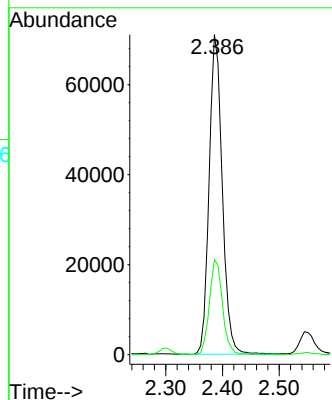
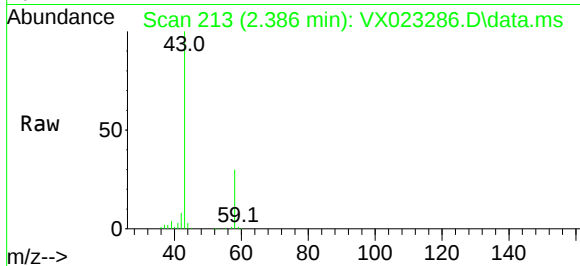




#16
Acetone
Concen: 95.723 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

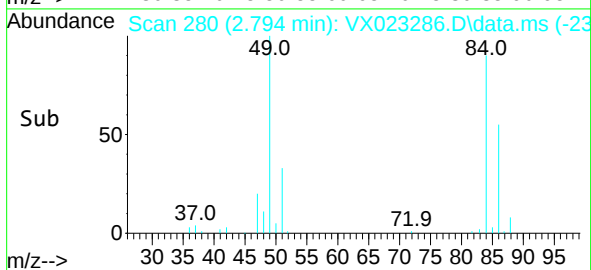
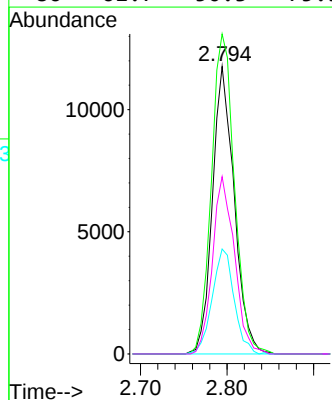
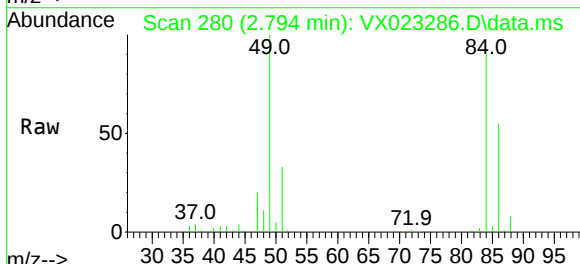
Instrument :
MSVOA_X
ClientSampled :

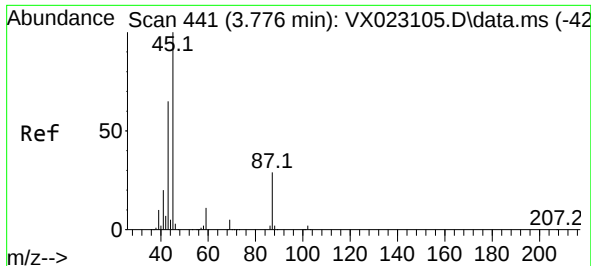
Tgt Ion: 43 Resp: 114399
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8



#20
Methylene Chloride
Concen: 7.984 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

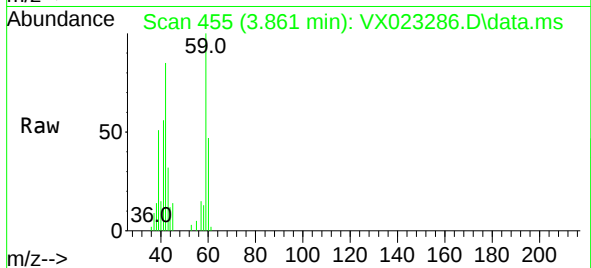
Tgt Ion: 84 Resp: 20543
Ion Ratio Lower Upper
84 100
49 111.3 88.6 132.8
51 36.5 27.0 40.6
86 61.7 50.3 75.5



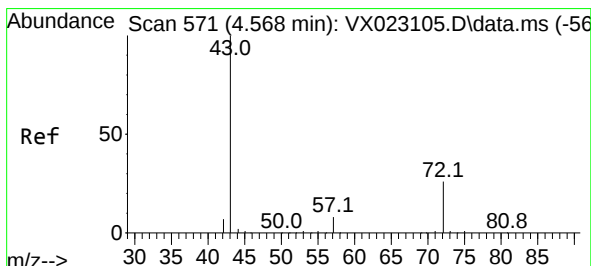
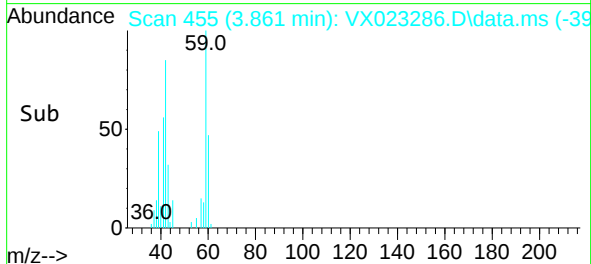
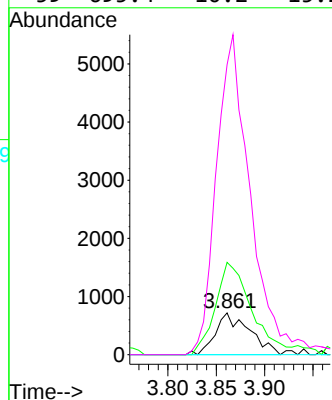


#22
Diisopropyl ether
Concen: 0.240 ug/l
RT: 3.861 min Scan# 455
Delta R.T. 0.085 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Instrument :
MSVOA_X
ClientSampled :

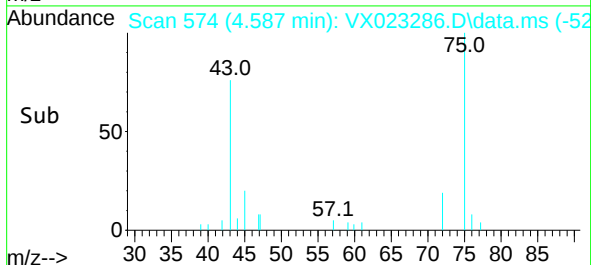
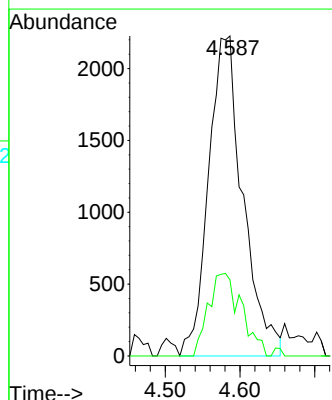
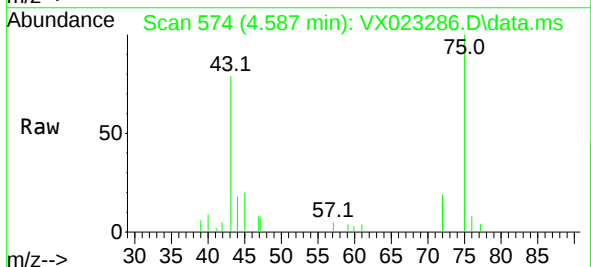


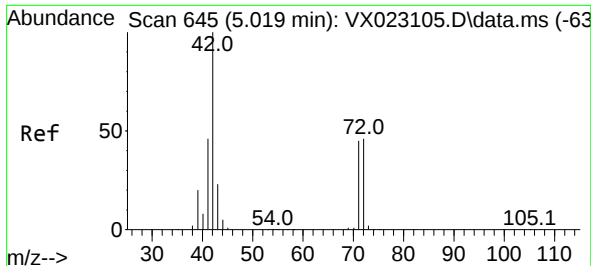
Tgt Ion:	45	Resp:	1763
Ion	Ratio	Lower	Upper
45	100		
43	221.3	58.0	87.0#
87	0.0	25.4	38.0#
59	695.4	10.2	15.2#



#25
2-Butanone
Concen: 3.948 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Tgt Ion:	43	Resp:	7115
Ion	Ratio	Lower	Upper
43	100		
72	23.8	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.904 ug/l

RT: 5.038 min Scan# 648

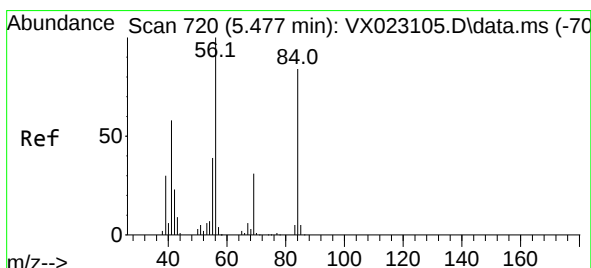
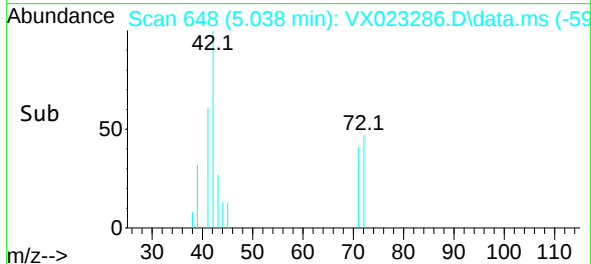
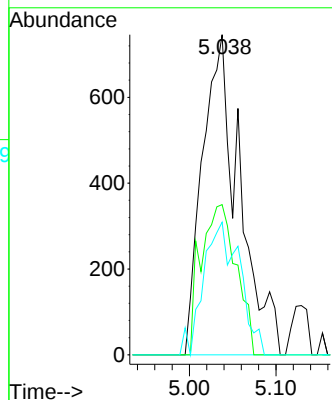
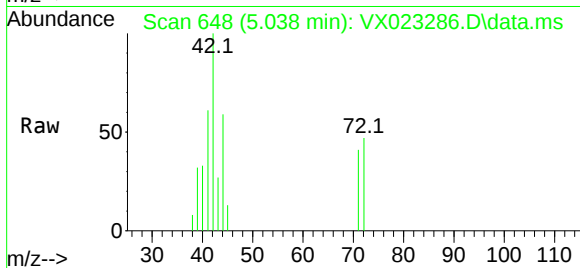
Delta R.T. 0.019 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

Tgt Ion:	42	Resp:	2206
Ion	Ratio	Lower	Upper
42	100		
72	44.9	41.7	62.5
71	40.6	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.285 ug/l

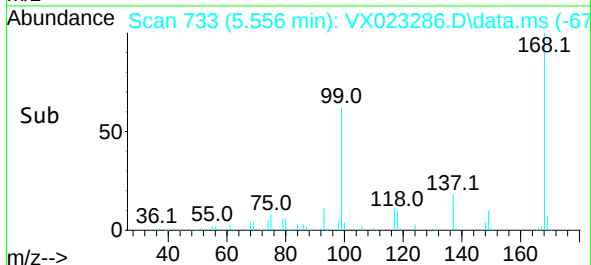
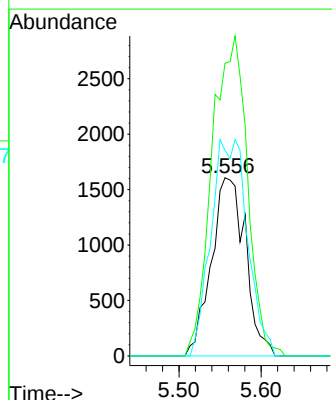
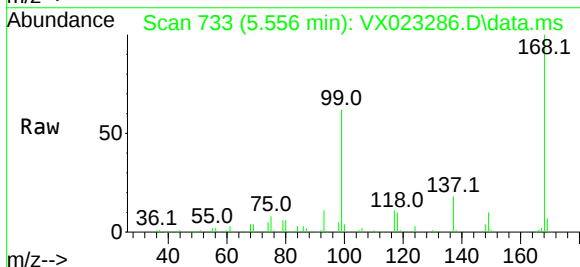
RT: 5.556 min Scan# 733

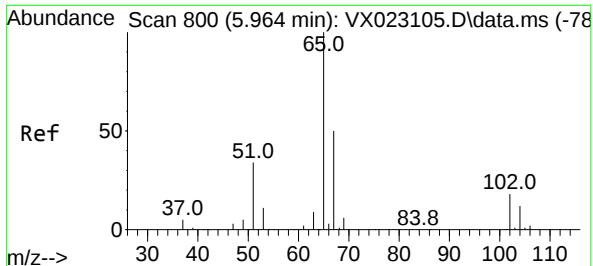
Delta R.T. 0.079 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

Tgt Ion:	56	Resp:	4649
Ion	Ratio	Lower	Upper
56	100		
69	164.1	25.3	37.9#
84	115.2	71.4	107.0#



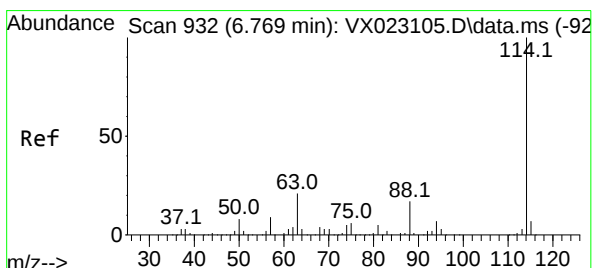
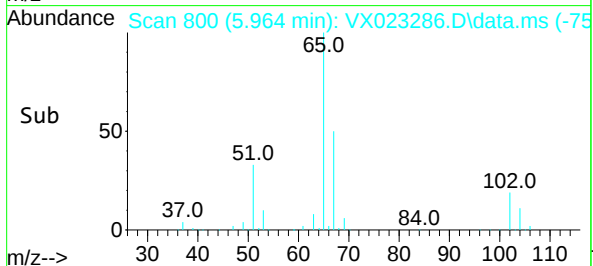
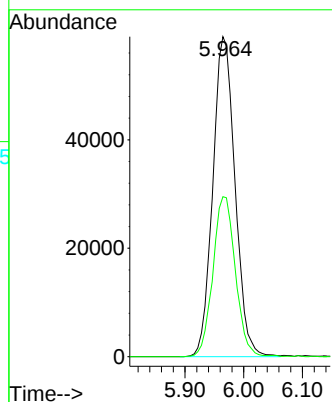
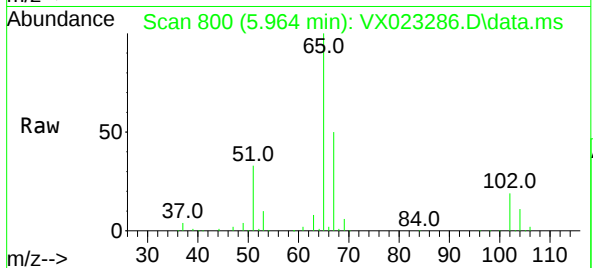


#33

1,2-Dichloroethane-d4
Concen: 51.385 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Instrument :
MSVOA_X
ClientSampled :

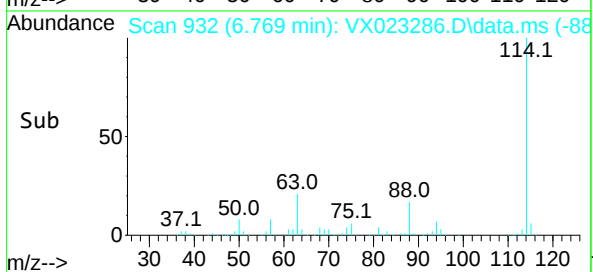
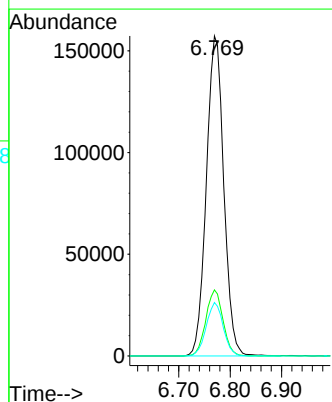
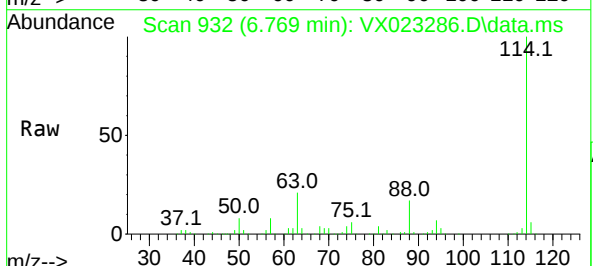
Tgt Ion: 65 Resp: 155222
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

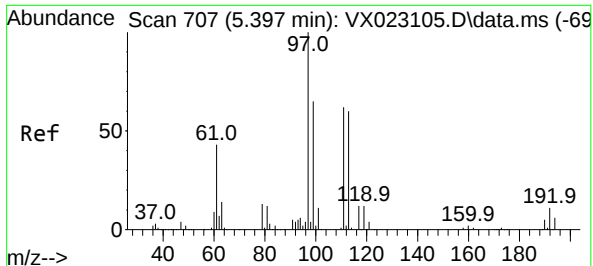


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Tgt Ion: 114 Resp: 370717
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 26.309 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

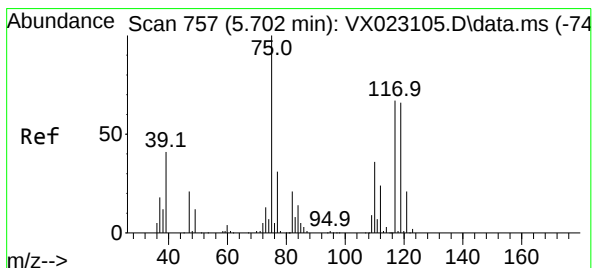
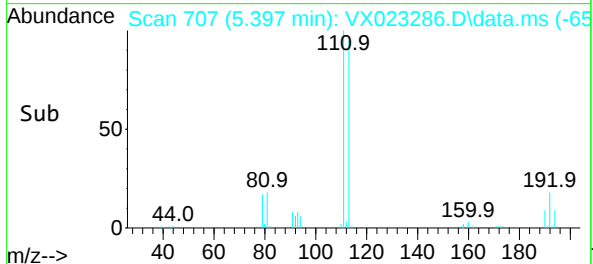
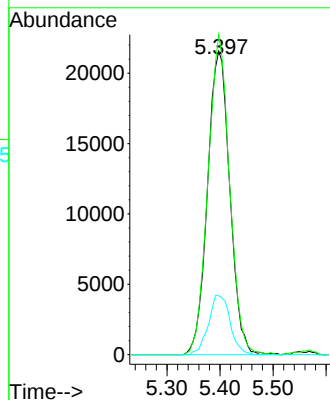
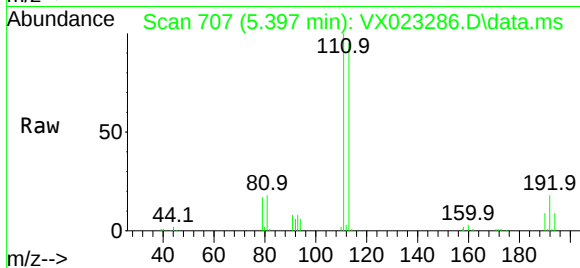
Tgt Ion:113 Resp: 62981

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 19.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.144 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

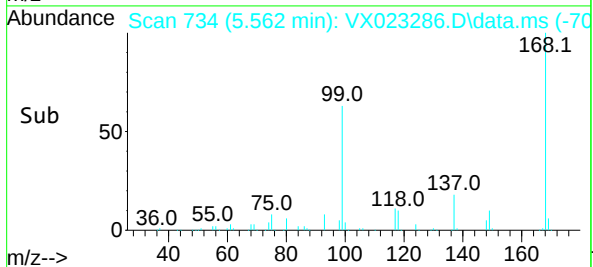
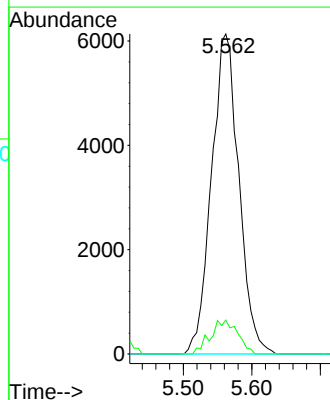
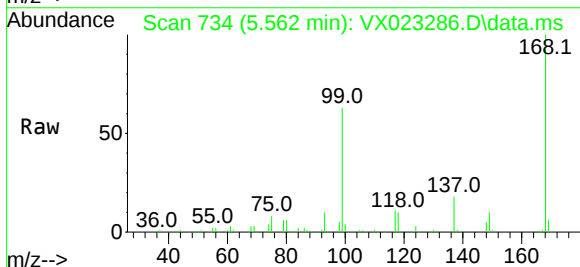
Tgt Ion: 75 Resp: 16999

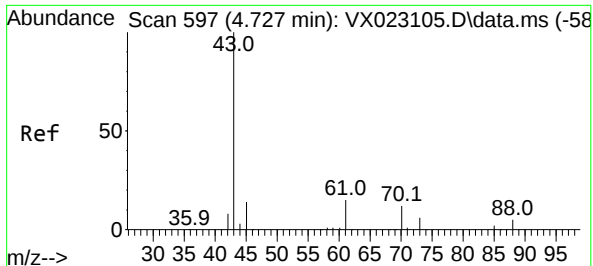
Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.974 ug/l

RT: 4.587 min Scan# 574

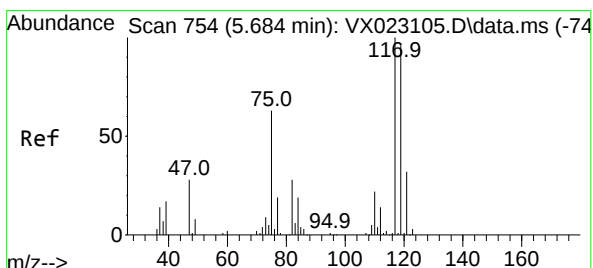
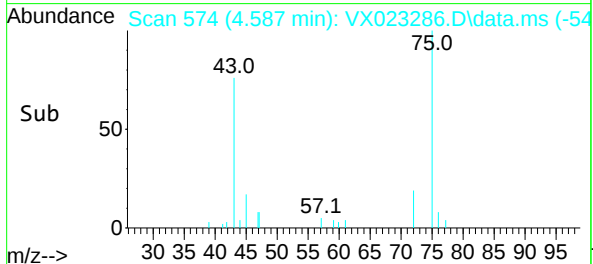
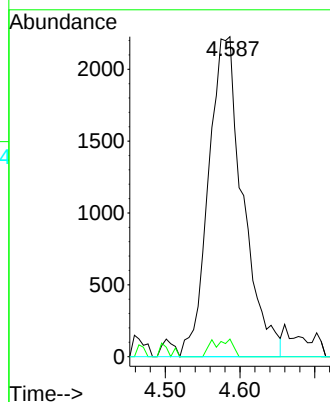
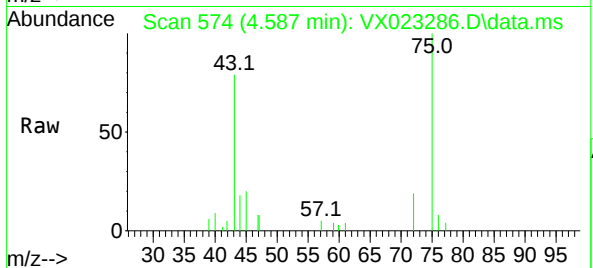
Delta R.T. -0.140 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43	Resp: 7115
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.758 ug/l

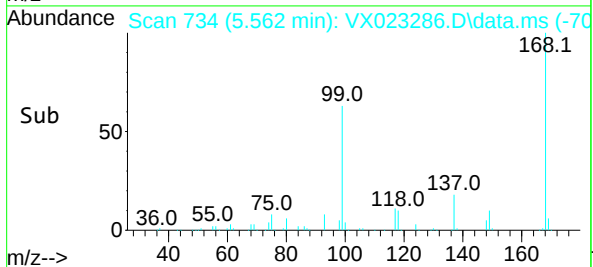
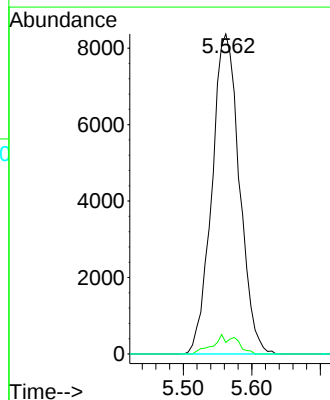
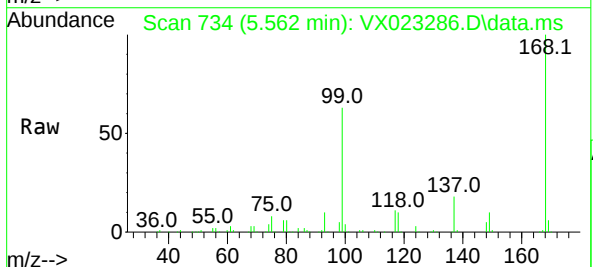
RT: 5.562 min Scan# 734

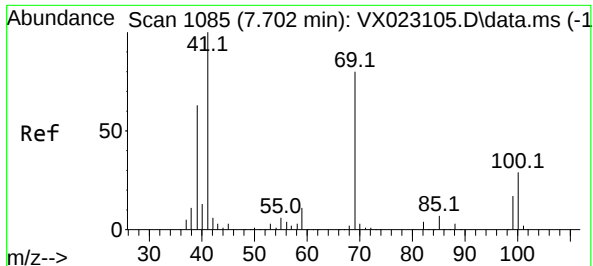
Delta R.T. -0.122 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

Tgt Ion: 117	Resp: 23314
Ion Ratio	Lower Upper
117 100	
119 3.6	76.2 114.2#
121 0.0	24.8 37.2#





#48

Methyl methacrylate

Concen: 2.760 ug/l

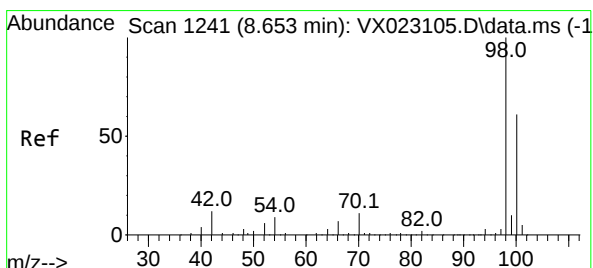
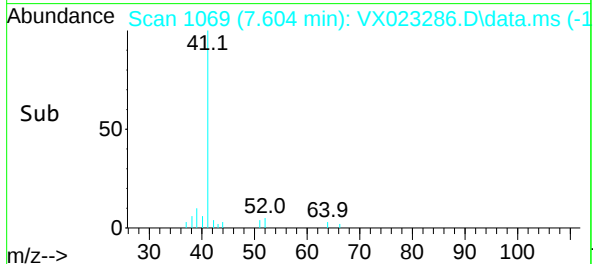
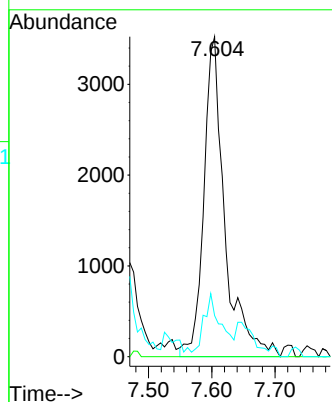
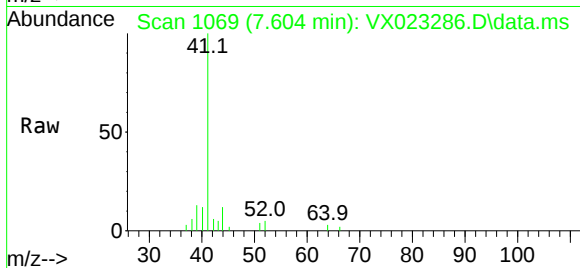
RT: 7.604 min Scan# 1069

Delta R.T. -0.098 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

Tgt Ion:	41	Resp:	8122
Ion Ratio	Lower	Upper	
41	100		
69	0.0	76.0	114.0#
39	14.1	44.6	67.0#



#50

Toluene-d8

Concen: 48.718 ug/l

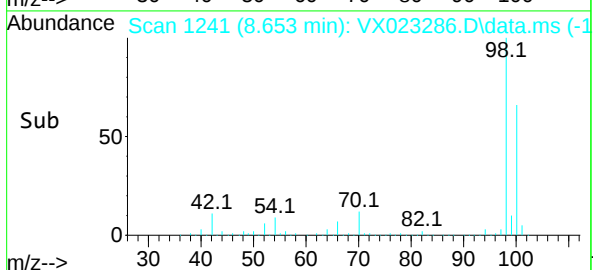
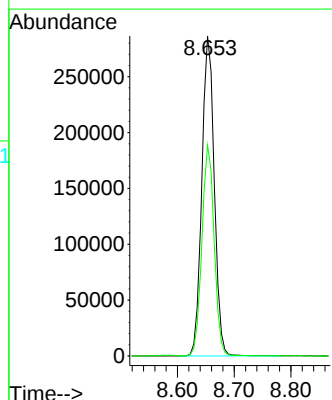
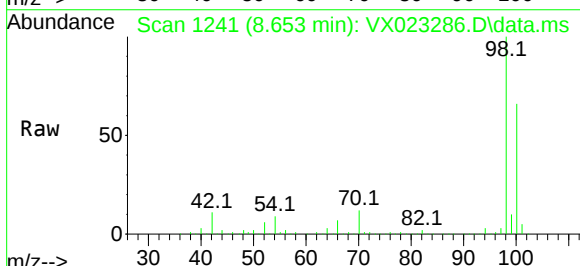
RT: 8.653 min Scan# 1241

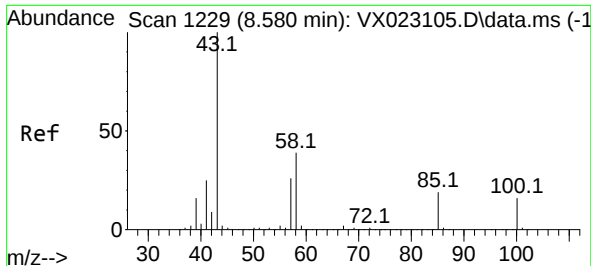
Delta R.T. 0.000 min

Lab File: VX023286.D

Acq: 14 Jul 2021 17:56

Tgt Ion:	98	Resp:	435053
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.9	77.9

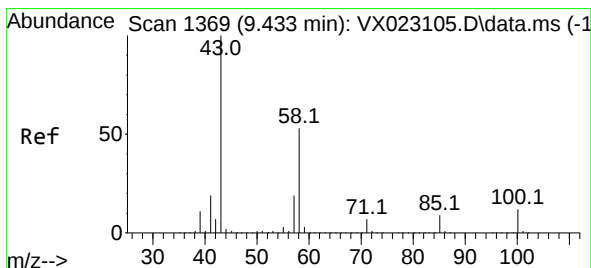
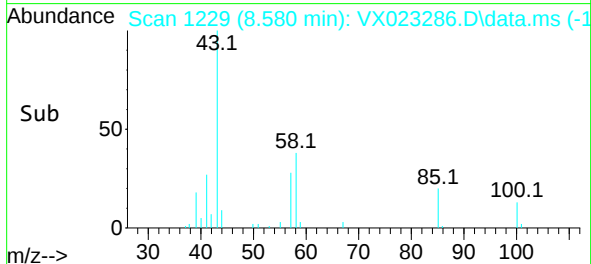
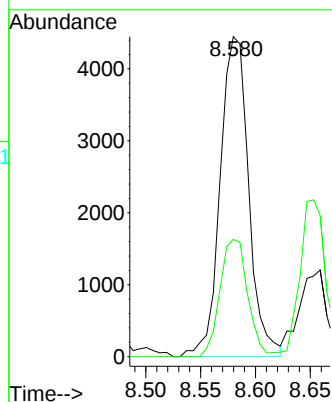
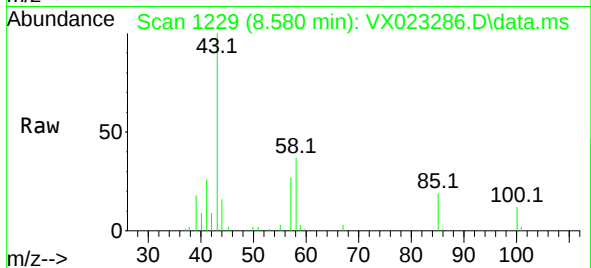




#51
4-Methyl-2-Pentanone
Concen: 2.167 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

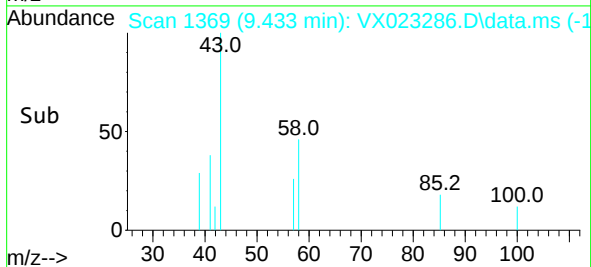
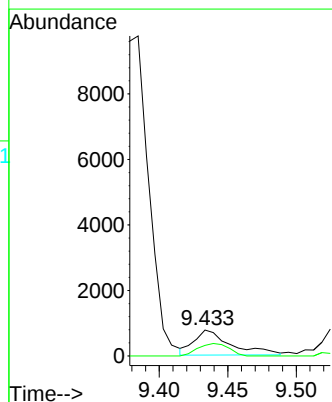
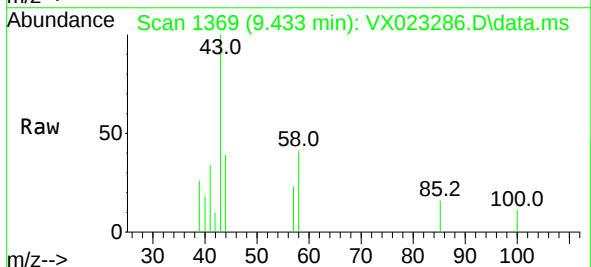
Instrument :
MSVOA_X
ClientSampled :

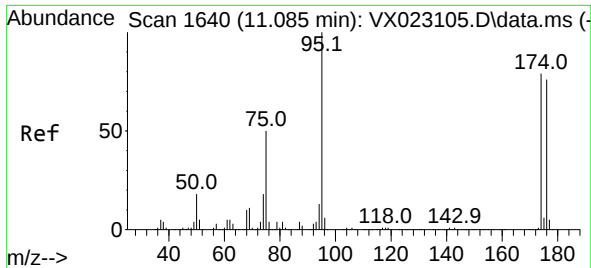
Tgt Ion: 43 Resp: 8051
Ion Ratio Lower Upper
43 100
58 35.5 35.4 53.0



#59
2-Hexanone
Concen: 0.500 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 41.8 30.9 92.8

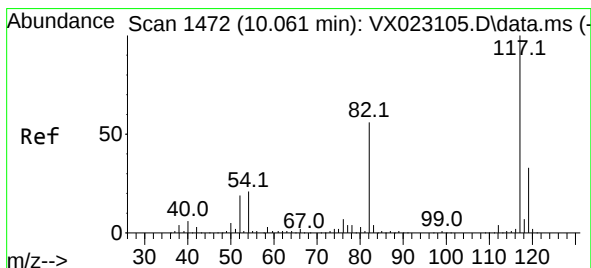
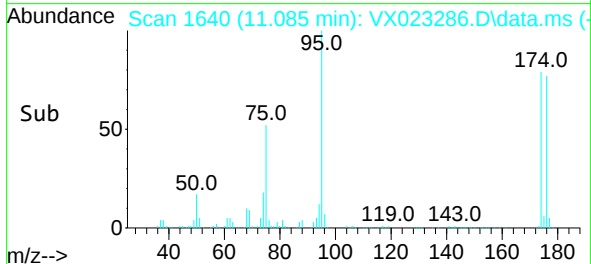
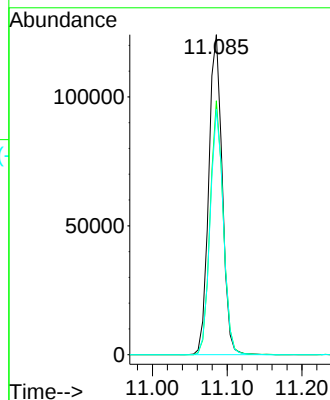
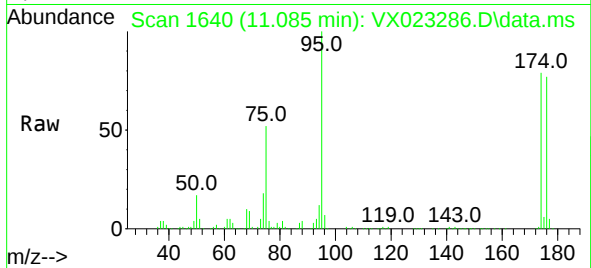




#62
4-Bromofluorobenzene
Concen: 44.968 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

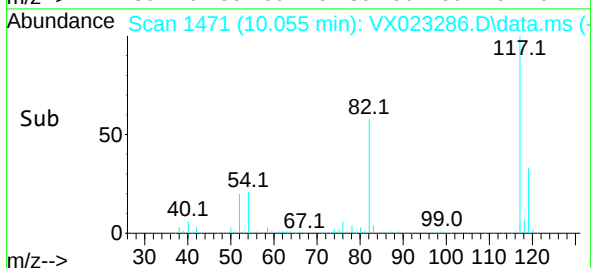
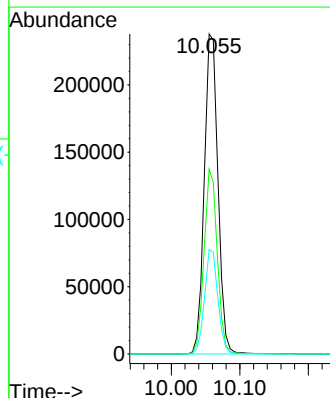
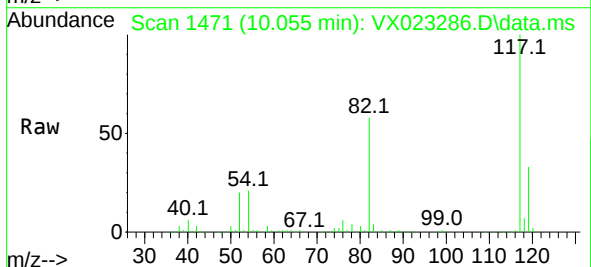
Instrument :
MSVOA_X
ClientSampled :

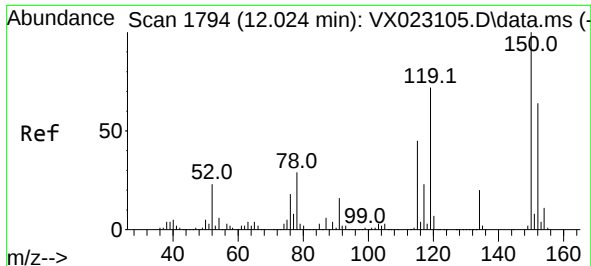
Tgt Ion: 95 Resp: 155024
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Tgt Ion: 117 Resp: 330707
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.6 26.6 39.8

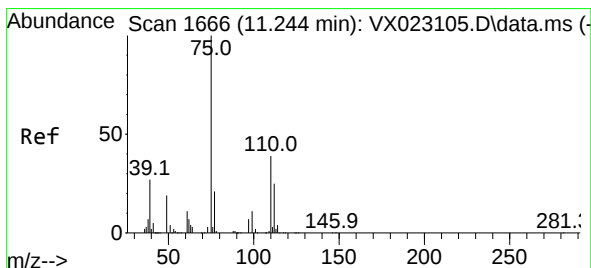
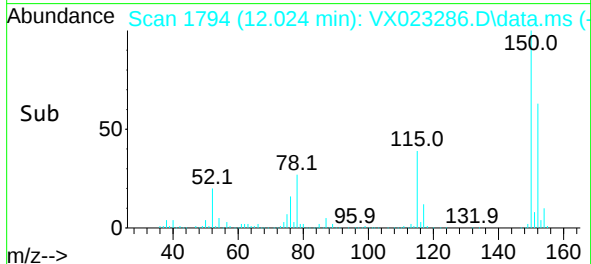
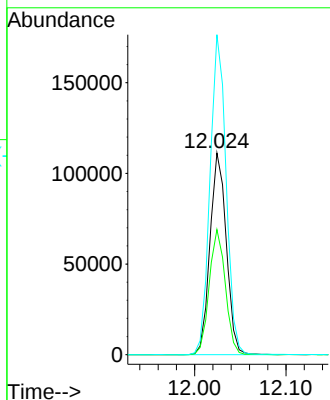
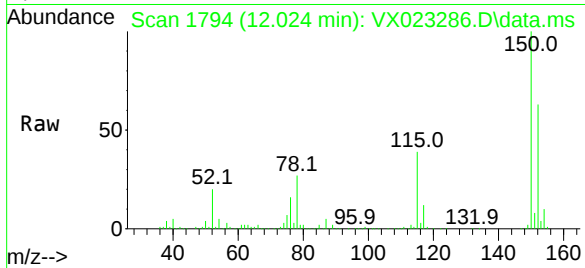




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023286.D
 Acq: 14 Jul 2021 17:56

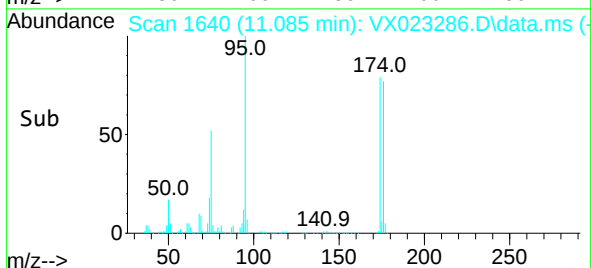
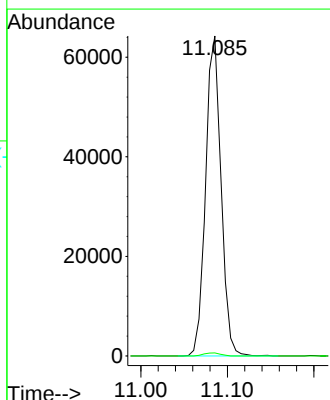
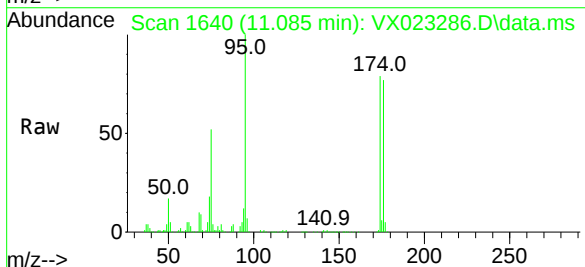
Instrument :
 MSVOA_X
 ClientSampled :

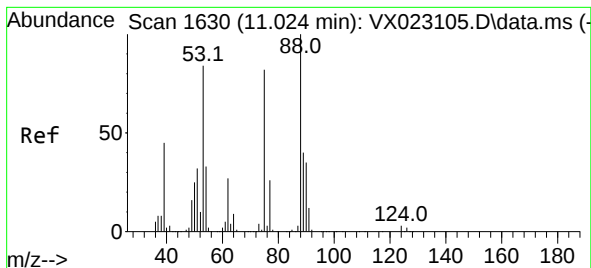
Tgt Ion:152 Resp: 137614
 Ion Ratio Lower Upper
 152 100
 115 61.2 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.735 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023286.D
 Acq: 14 Jul 2021 17:56

Tgt Ion: 75 Resp: 79574
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

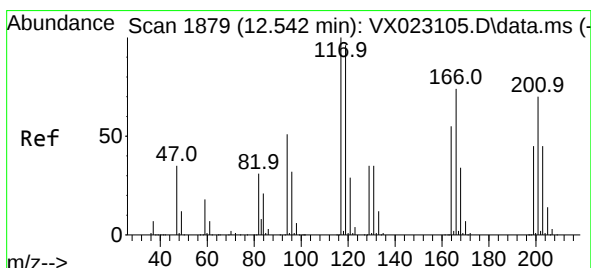
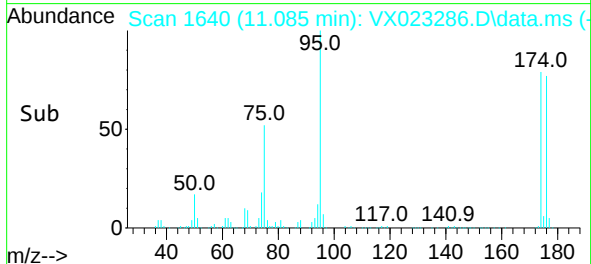
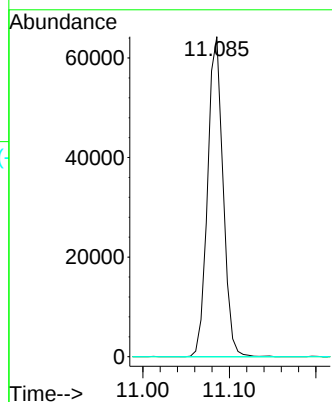
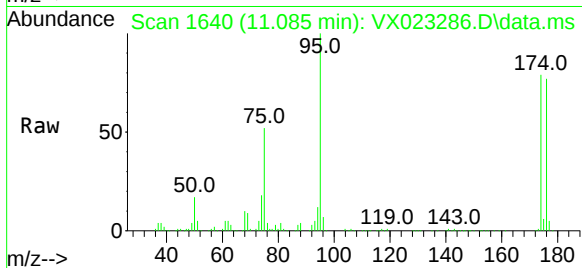




#81
trans-1,4-Dichloro-2-butene
Concen: 77.354 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

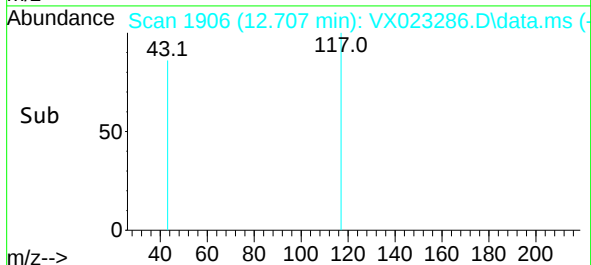
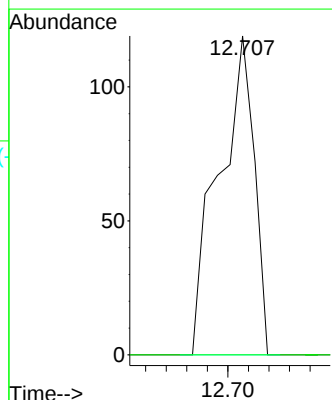
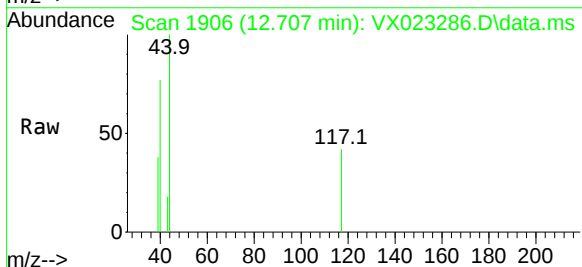
Instrument :
MSVOA_X
ClientSampled :

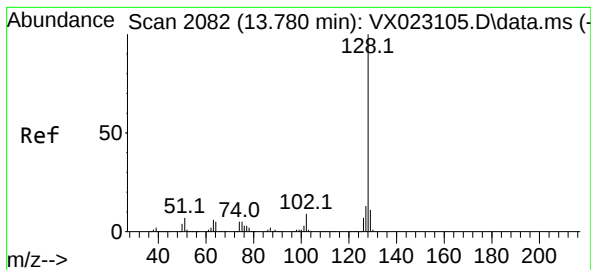
Tgt Ion: 75 Resp: 79574
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 3.087 ug/l
RT: 12.707 min Scan# 1906
Delta R.T. 0.165 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

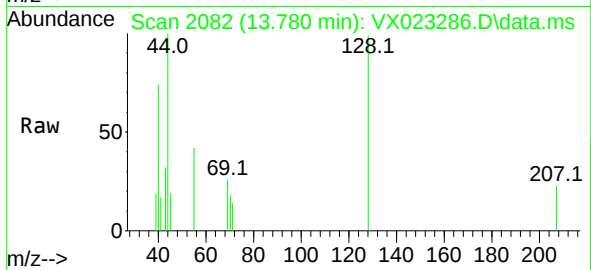
Tgt Ion: 117 Resp: 142
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.311 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023286.D
Acq: 14 Jul 2021 17:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 369
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

