

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023316.D
 Acq On : 16 Jul 2021 10:20
 Operator : JC/MD
 Sample : VX0716WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 17 02:06:51 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)

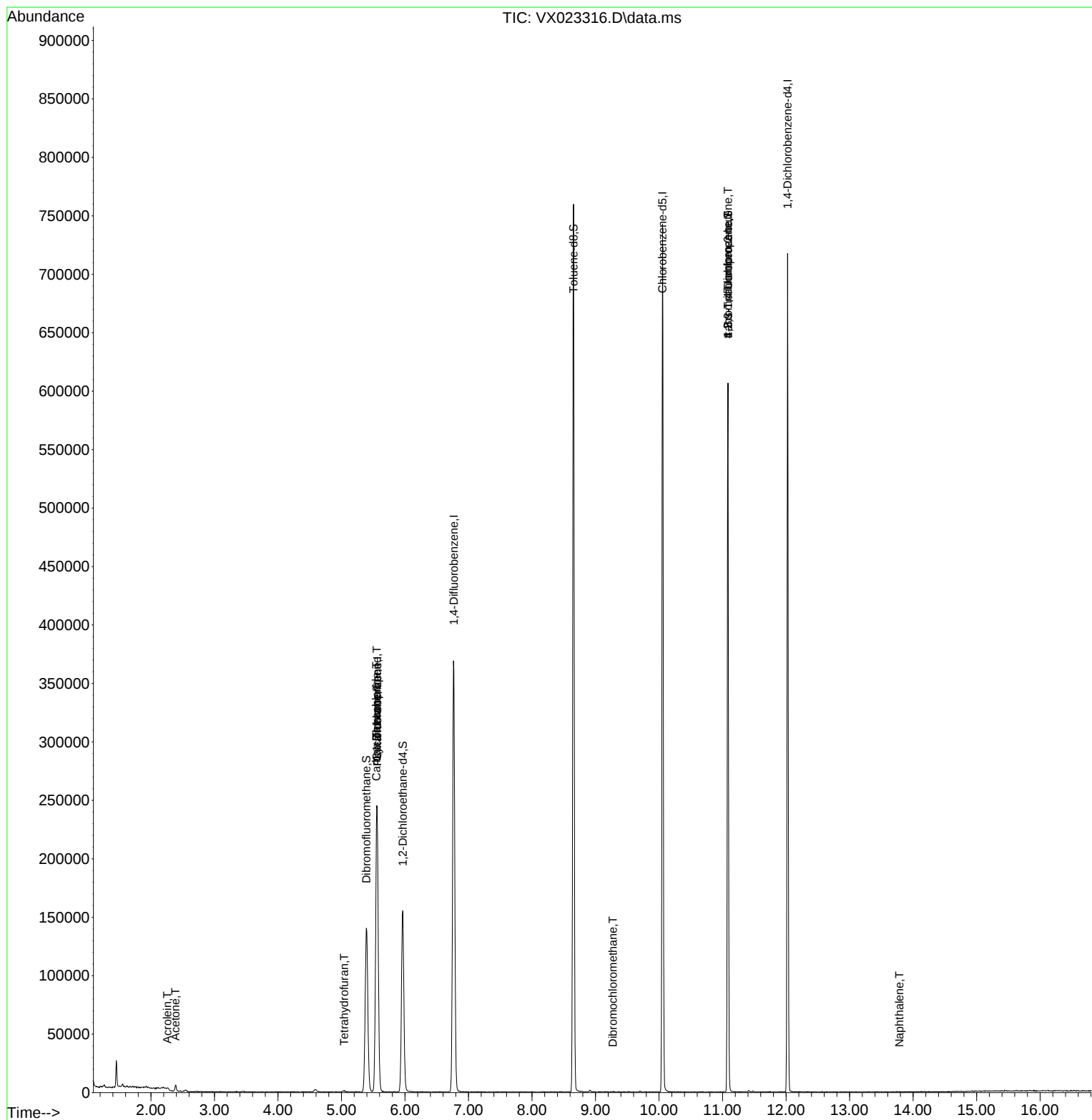
Internal Standards						
1) Pentafluorobenzene	5.562	168	229369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	372181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	157588	51.120	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.240%			
35) Dibromofluoromethane	5.391	113	122246	50.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.653	98	438754	48.940	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.880%			
62) 4-Bromofluorobenzene	11.085	95	158426	45.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.540%			
Target Compounds						
5) Bromomethane	1.575	94	35	Below Cal	Qvalue #	2
13) Acrolein	2.258	56	156	0.361	ug/l #	61
16) Acetone	2.386	43	5669	4.648	ug/l	90
29) Tetrahydrofuran	5.044	42	712	0.602	ug/l	92
31) Cyclohexane	5.556	56	4655	1.261	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17577	5.298	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23958	6.918	ug/l #	17
60) Dibromochloromethane	9.275	129	73	3.136	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	84116	29.714	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	84116	79.829	ug/l #	12
95) Naphthalene	13.786	128	240	1.298	ug/l #	69

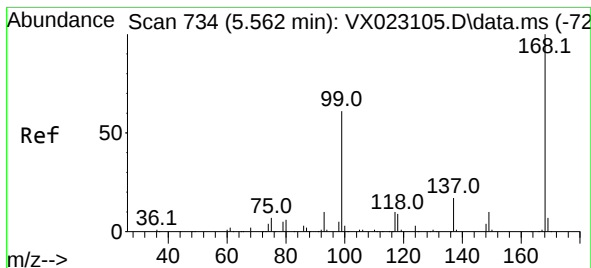
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 02:06:51 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: VX023316.D

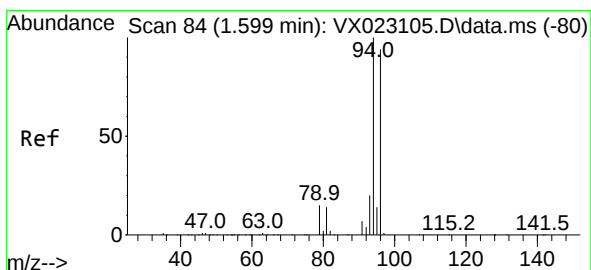
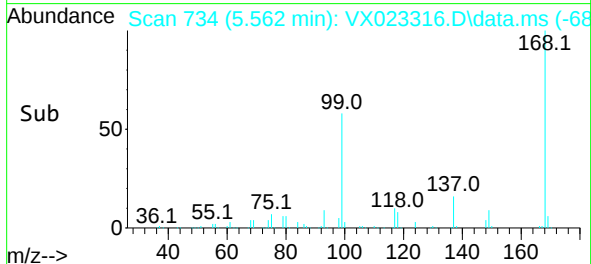
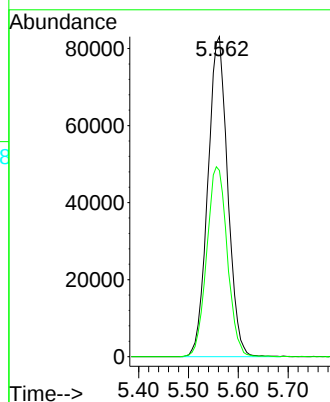
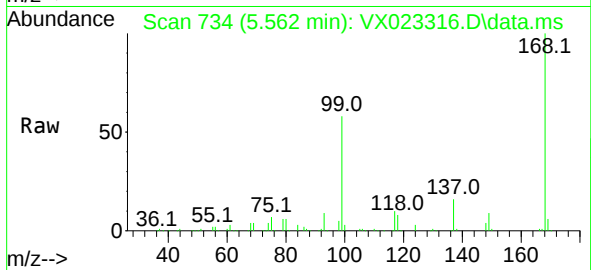
Acq: 16 Jul 2021 10:20

Tgt Ion:168 Resp: 229369

Ion Ratio Lower Upper

168 100

99 58.2 45.8 68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.575 min Scan# 80

Delta R.T. -0.024 min

Lab File: VX023316.D

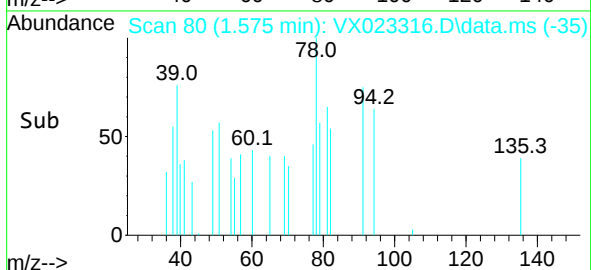
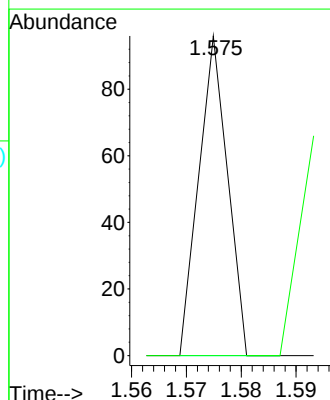
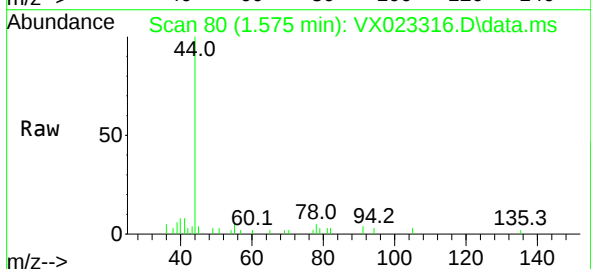
Acq: 16 Jul 2021 10:20

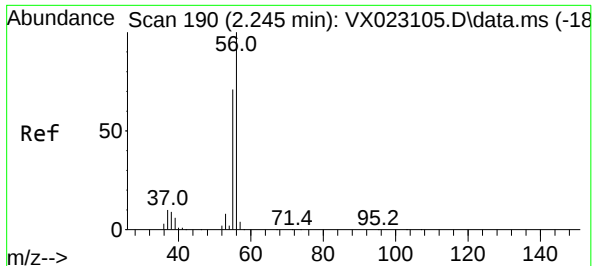
Tgt Ion: 94 Resp: 35

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#

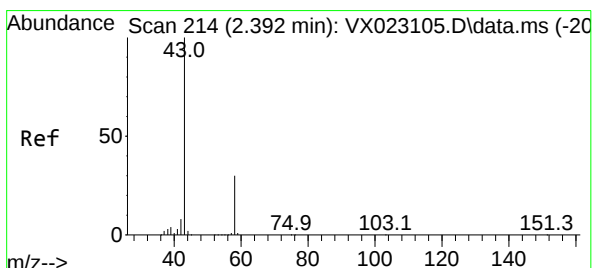
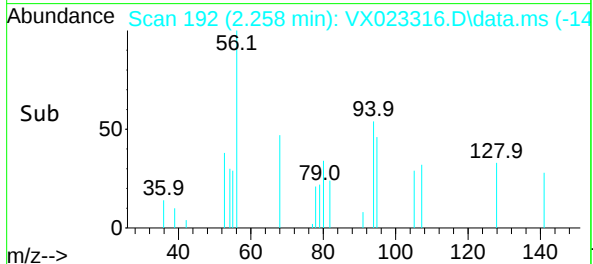
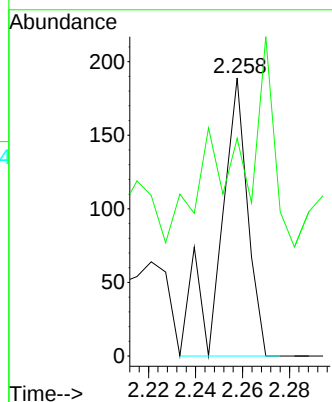
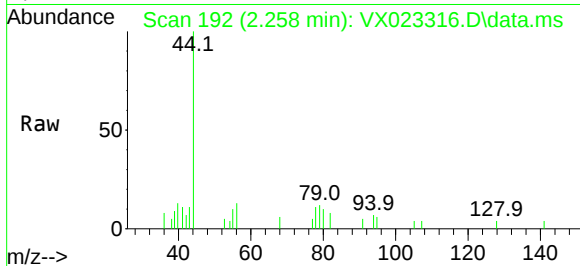




#13
Acrolein
Concen: 0.361 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

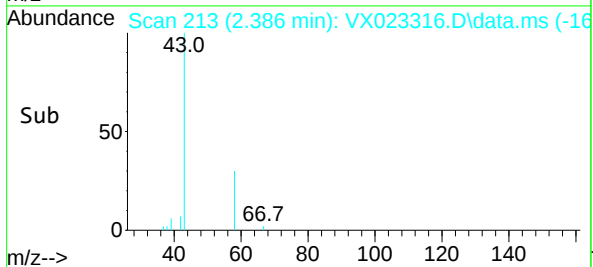
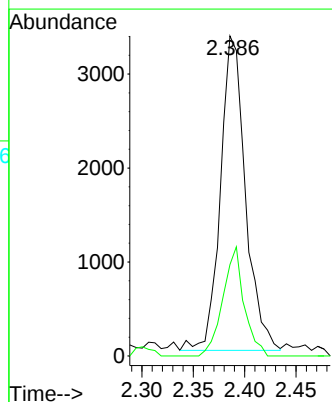
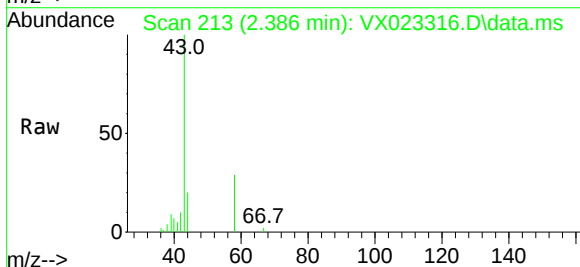
Instrument :
MSVOA_X
ClientSampleId :

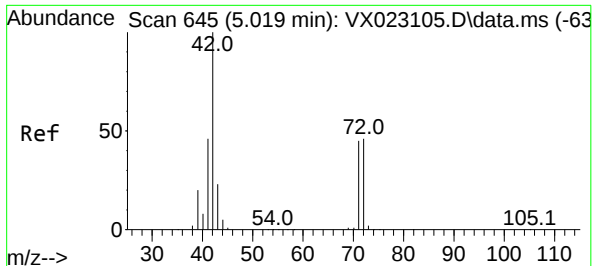
Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 38.5 56.4 84.6#



#16
Acetone
Concen: 4.648 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

Tgt Ion: 43 Resp: 5669
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8





#29

Tetrahydrofuran

Concen: 0.602 ug/l

RT: 5.044 min Scan# 649

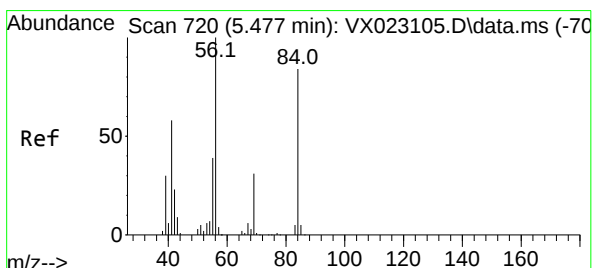
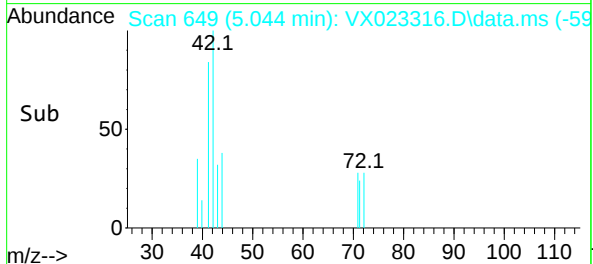
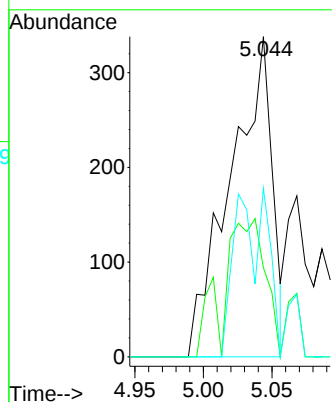
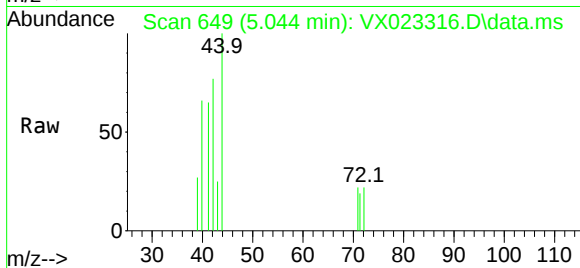
Delta R.T. 0.025 min

Lab File: VX023316.D

Acq: 16 Jul 2021 10:20

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	42	Resp:	712
Ion	Ratio	Lower	Upper
42	100		
72	43.8	41.7	62.5
71	46.1	38.4	57.6



#31

Cyclohexane

Concen: 1.261 ug/l

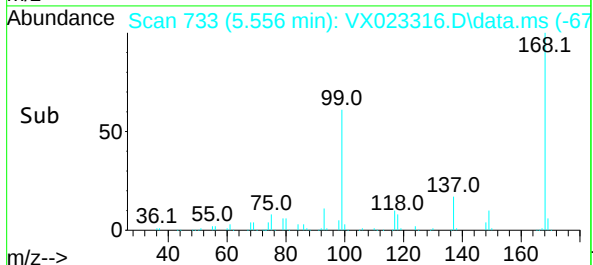
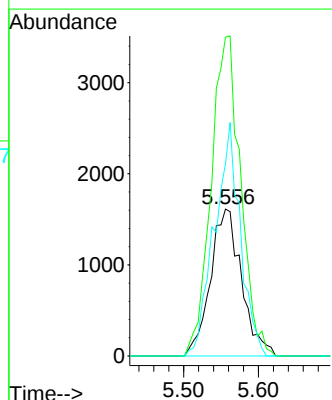
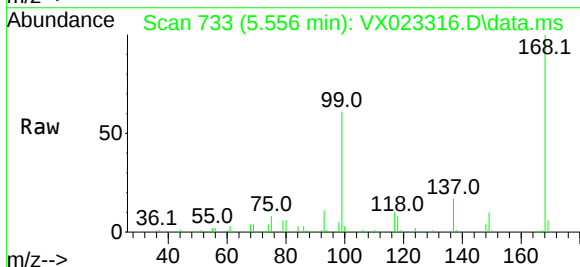
RT: 5.556 min Scan# 733

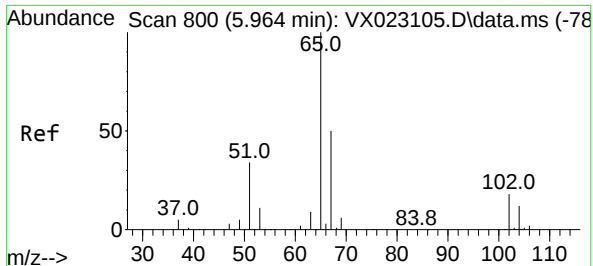
Delta R.T. 0.079 min

Lab File: VX023316.D

Acq: 16 Jul 2021 10:20

Tgt Ion:	56	Resp:	4655
Ion	Ratio	Lower	Upper
56	100		
69	217.0	25.3	37.9#
84	130.8	71.4	107.0#

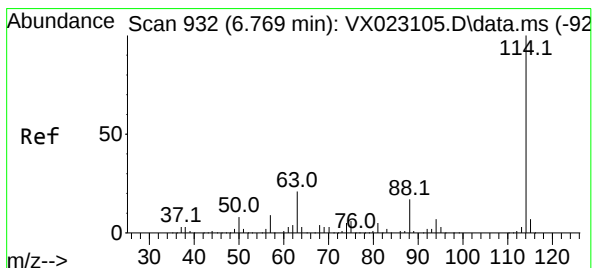
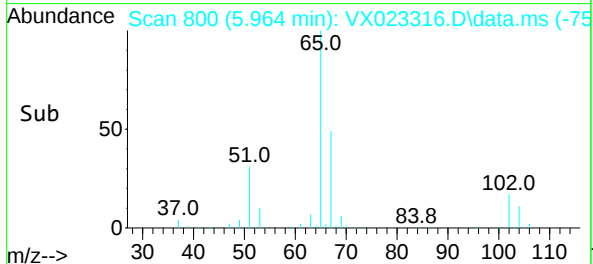
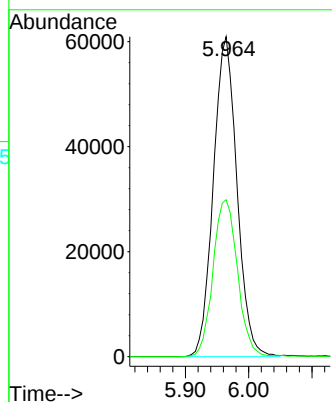
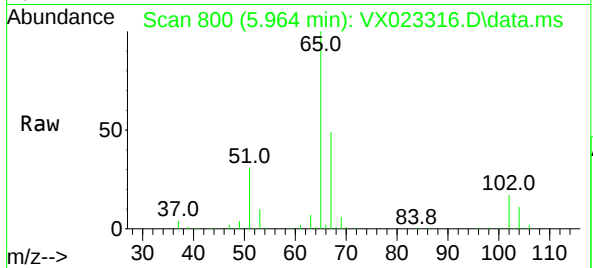




#33
 1,2-Dichloroethane-d4
 Concen: 51.120 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023316.D
 Acq: 16 Jul 2021 10:20

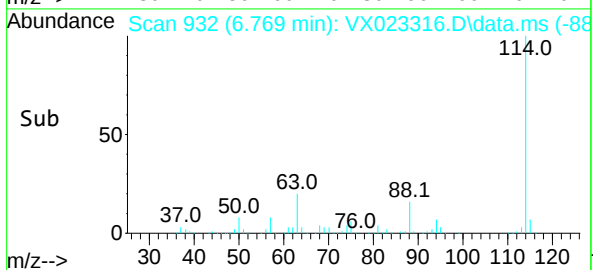
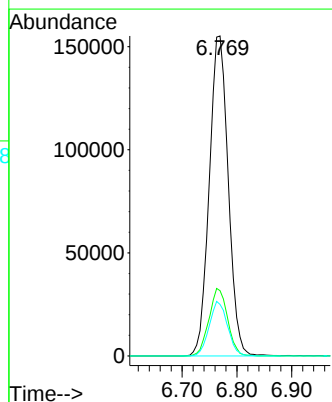
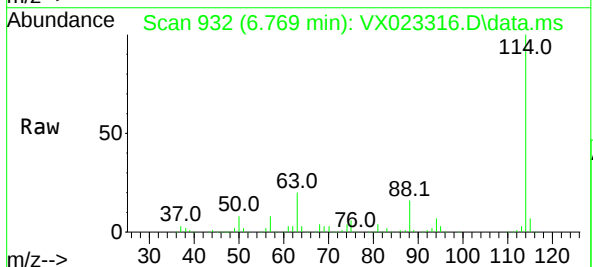
Instrument :
 MSVOA_X
 ClientSampleId :

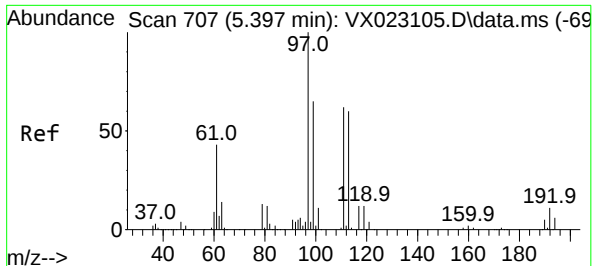
Tgt Ion: 65 Resp: 157588
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023316.D
 Acq: 16 Jul 2021 10:20

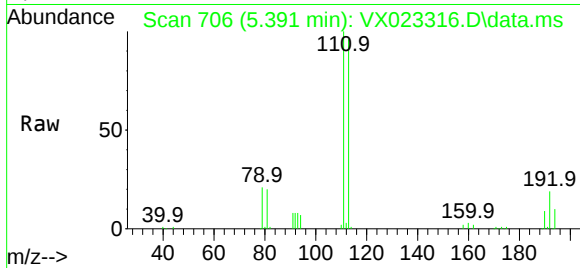
Tgt Ion: 114 Resp: 372181
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.1 0.0 32.8



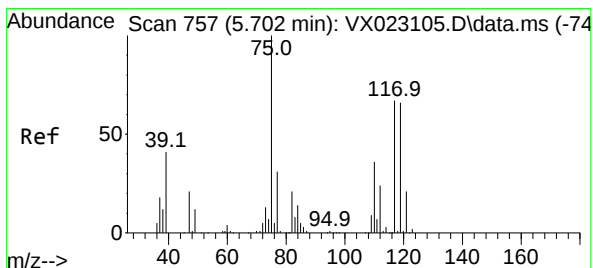
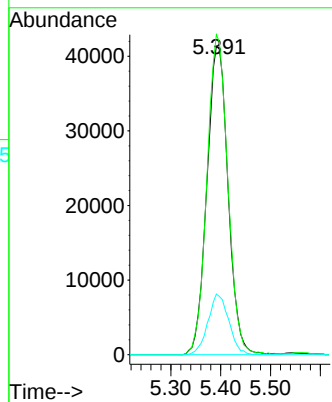
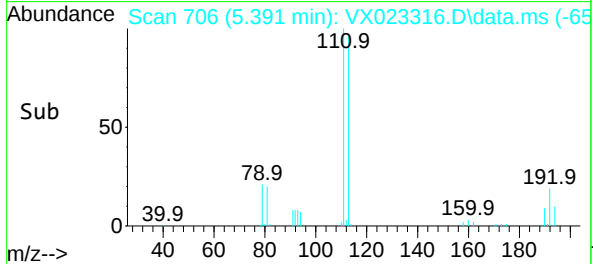


#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

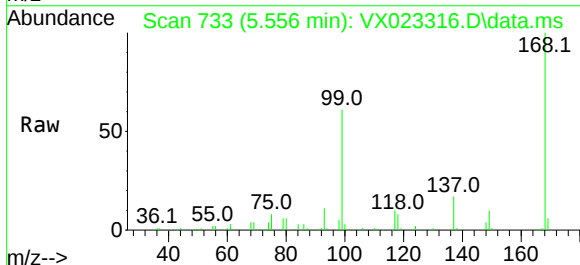
Instrument :
MSVOA_X
ClientSampleId :



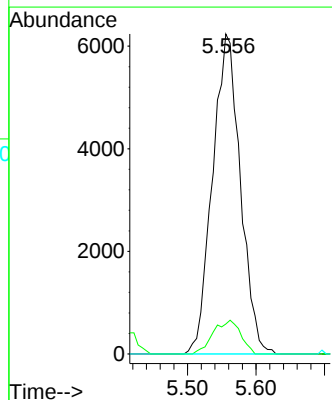
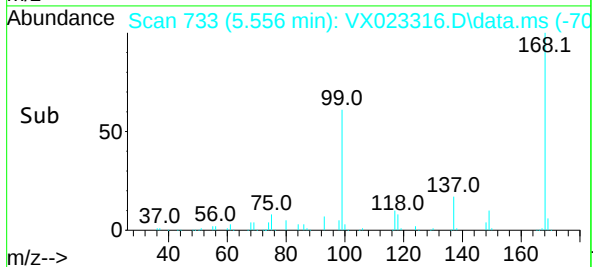
Tgt Ion:113 Resp: 122246
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.2 16.7 25.1

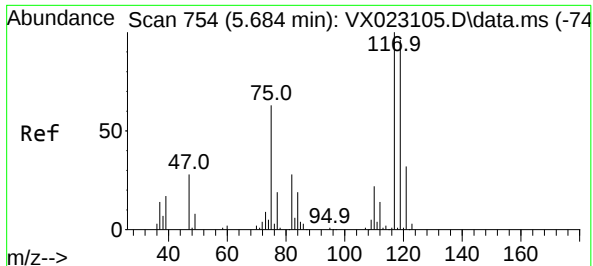


#36
1,1-Dichloropropene
Concen: 5.298 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20



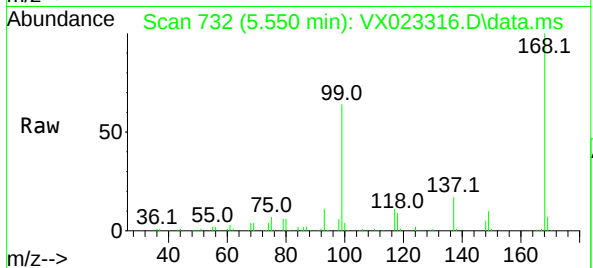
Tgt Ion: 75 Resp: 17577
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



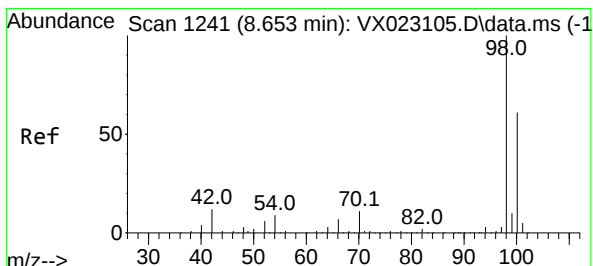
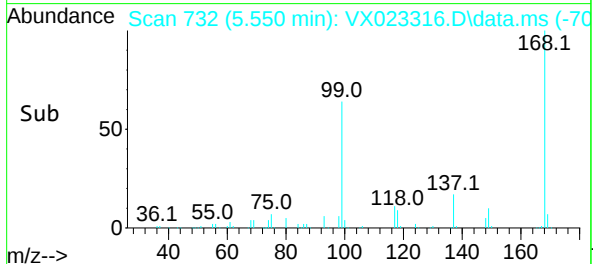
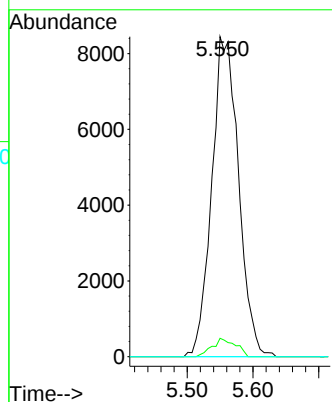


#38
Carbon Tetrachloride
Concen: 6.918 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

Instrument :
MSVOA_X
ClientSampled :

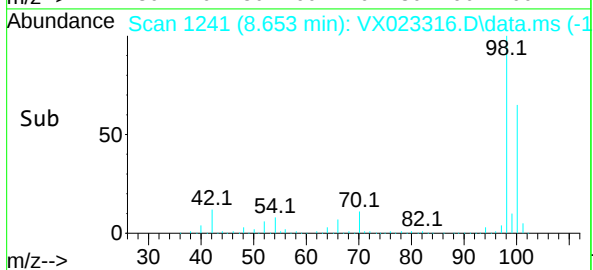
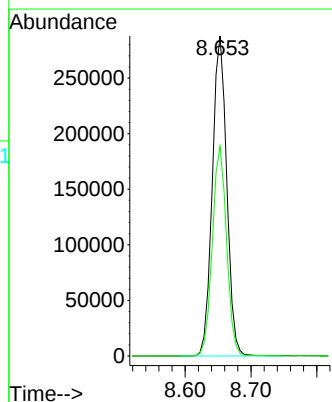
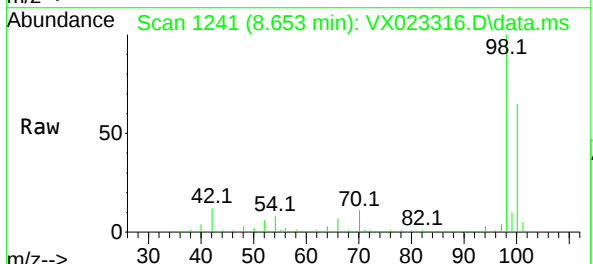


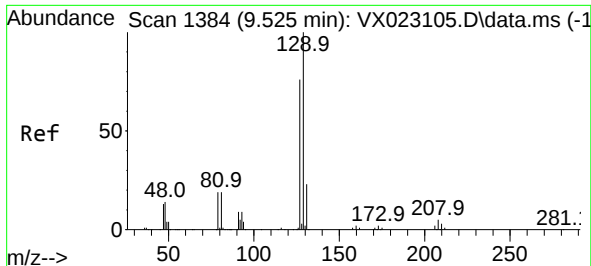
Tgt Ion:117 Resp: 23958
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.940 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

Tgt Ion: 98 Resp: 438754
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

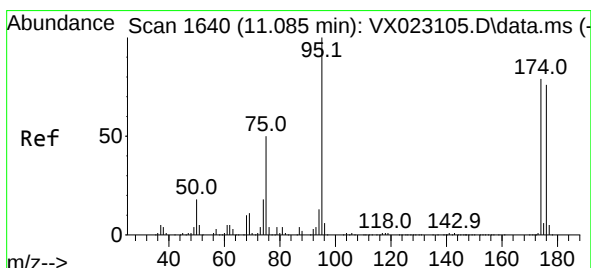
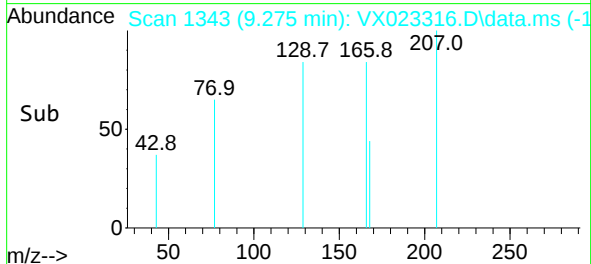
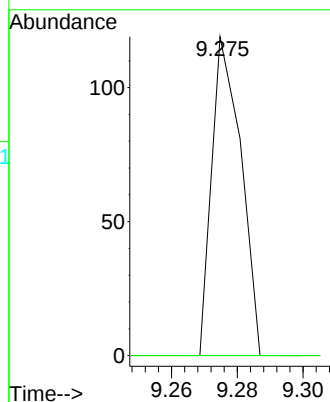
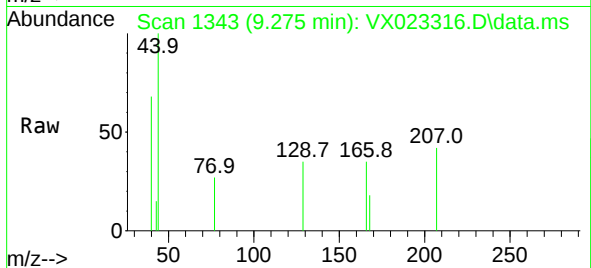




#60
Dibromochloromethane
Concen: 3.136 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

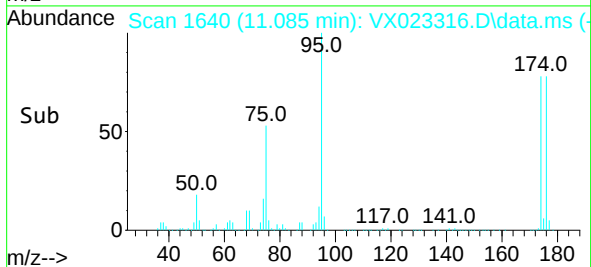
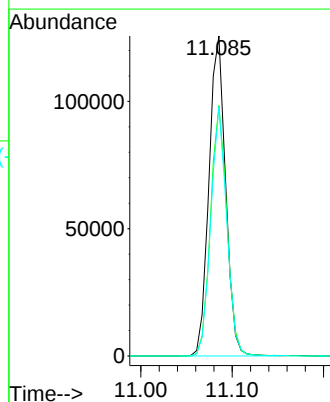
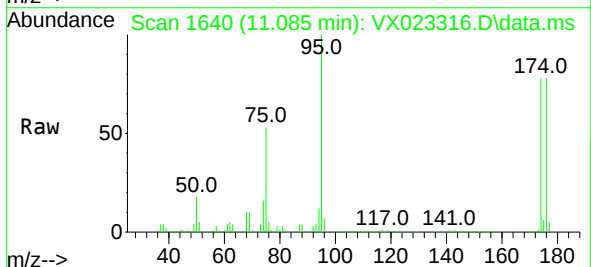
Instrument :
MSVOA_X
ClientSampled :

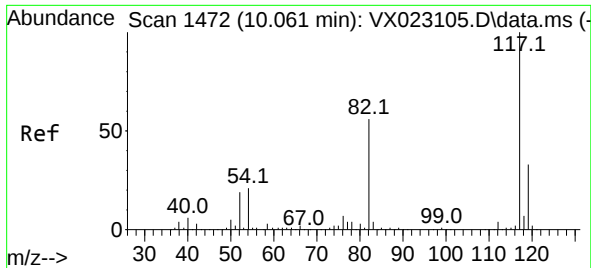
Tgt Ion:129 Resp: 73
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.774 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

Tgt Ion: 95 Resp: 158426
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.5 0.0 155.8

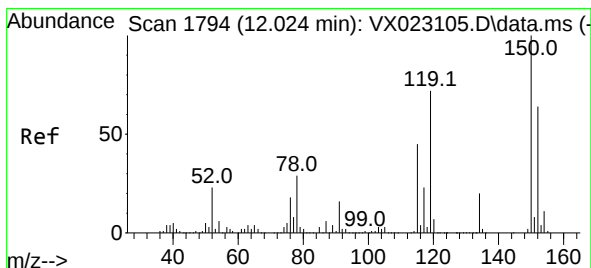
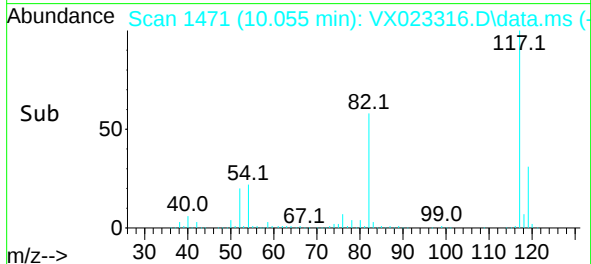
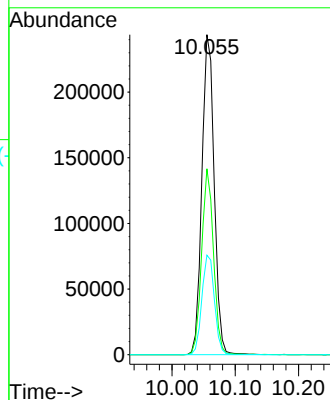
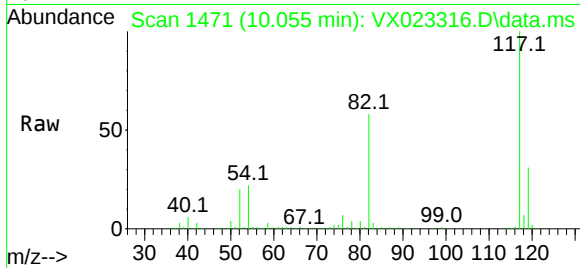




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

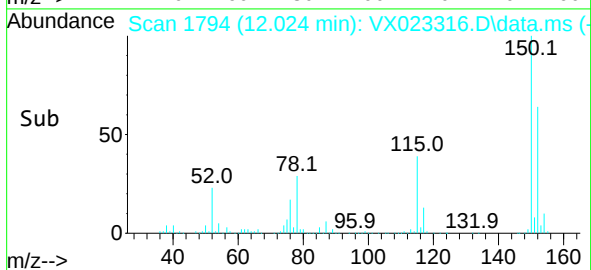
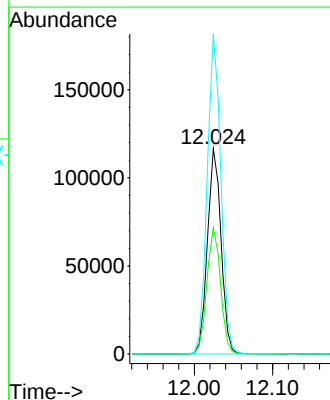
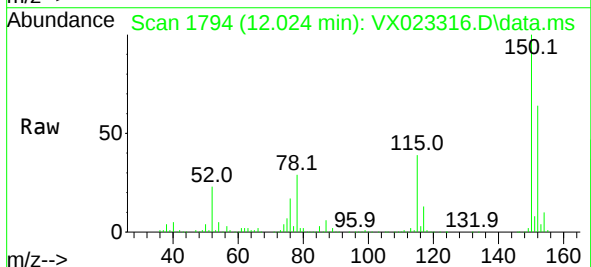
Instrument :
MSVOA_X
ClientSampled :

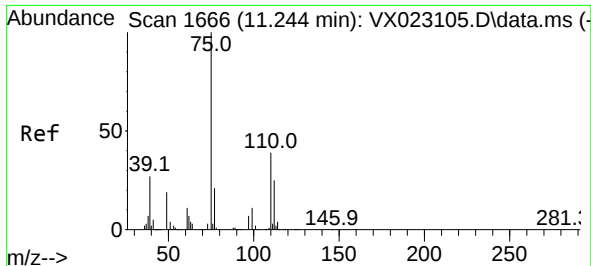
Tgt Ion:117 Resp: 330215
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

Tgt Ion:152 Resp: 140673
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 155.7 0.0 349.0

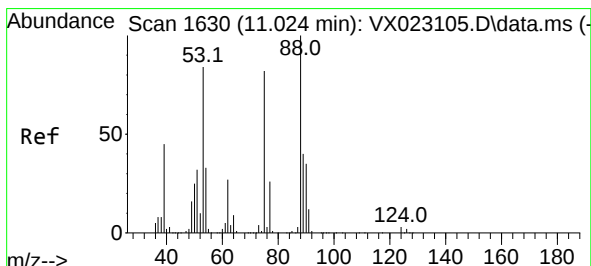
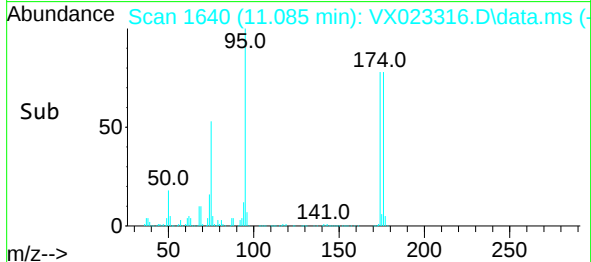
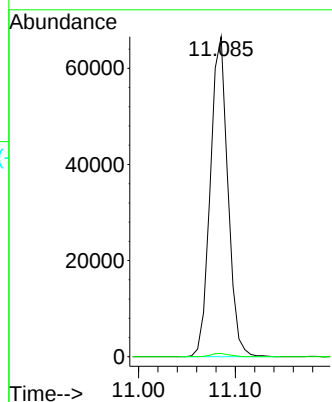
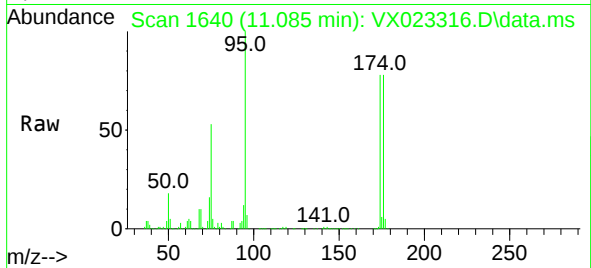




#76
1,2,3-Trichloropropane
Concen: 29.714 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

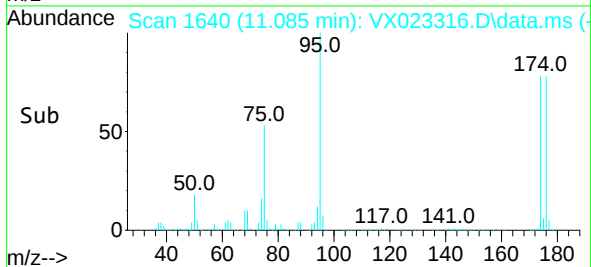
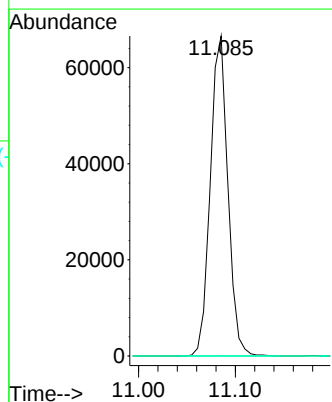
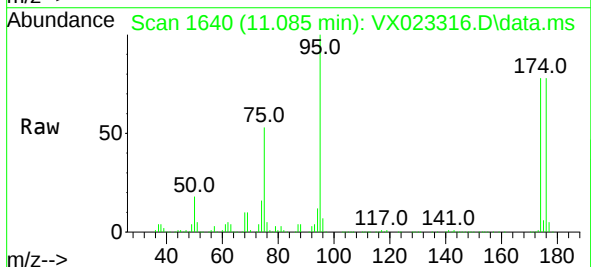
Instrument :
MSVOA_X
ClientSampled :

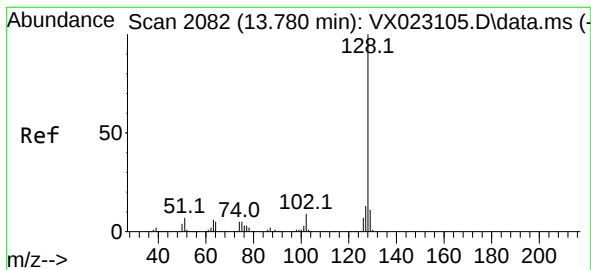
Tgt Ion: 75 Resp: 84116
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.829 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

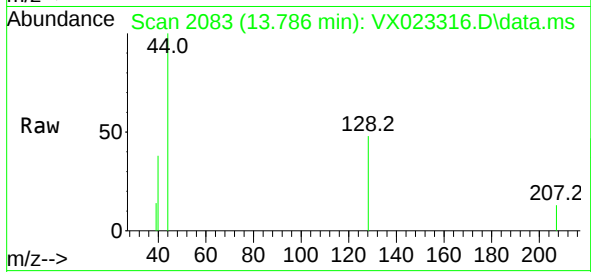
Tgt Ion: 75 Resp: 84116
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.298 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023316.D
Acq: 16 Jul 2021 10:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

