

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023271.D
 Acq On : 14 Jul 2021 11:54
 Operator : JC/MD
 Sample : VX0714WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:24:57 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)

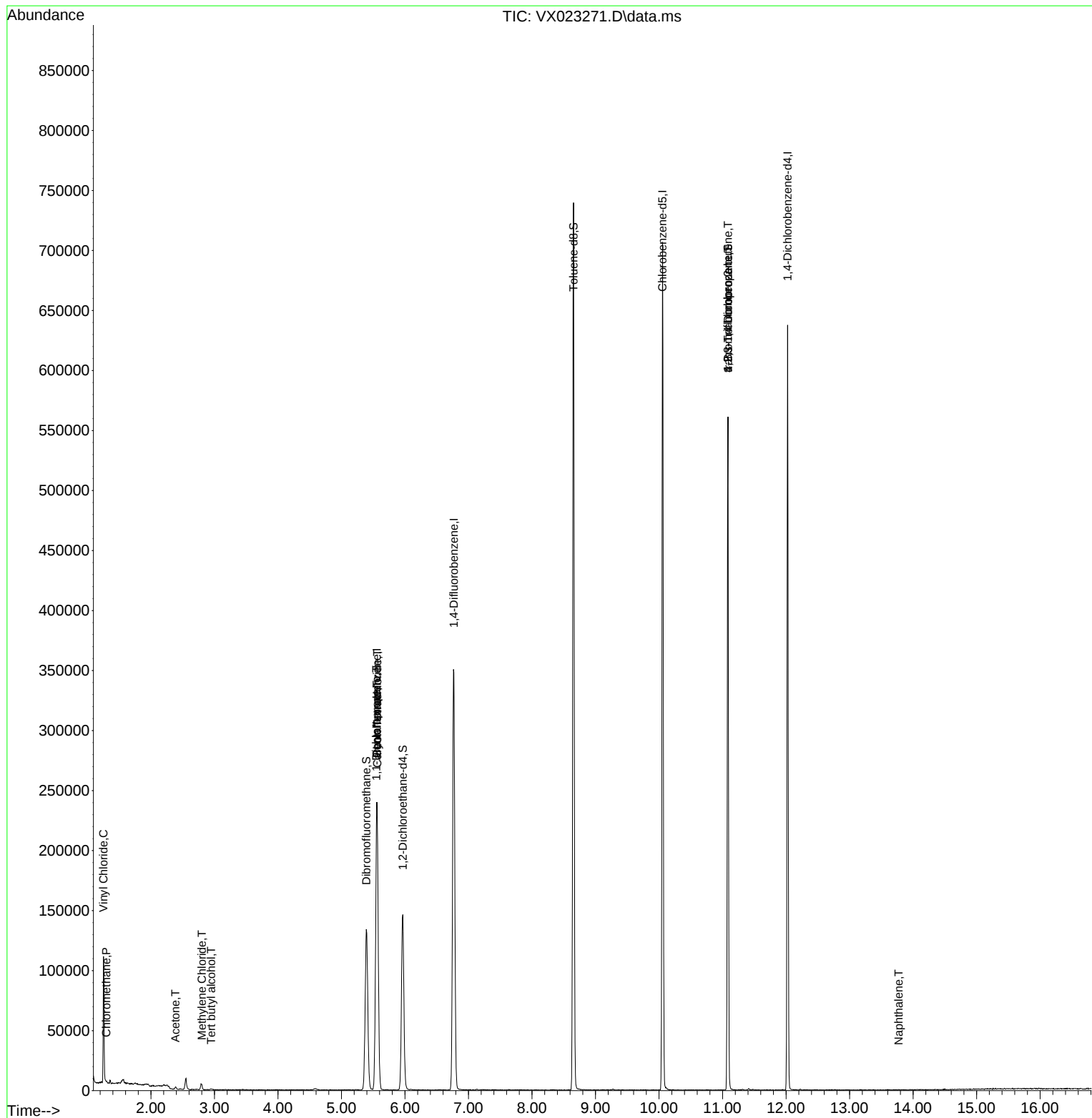
Internal Standards						
1) Pentafluorobenzene	5.556	168	220596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150143	50.642	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.280%			
35) Dibromofluoromethane	5.391	113	116853	49.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.620%			
50) Toluene-d8	8.653	98	427229	48.821	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.085	95	148072	43.829	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.660%			
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	506	0.256	ug/l	97
4) Vinyl Chloride	1.252	62	924	0.441	ug/l #	43
5) Bromomethane	1.630	94	653	Below Cal	#	38
11) Tert butyl alcohol	2.947	59	479	0.768	ug/l #	73
16) Acetone	2.386	43	1987	1.694	ug/l #	84
20) Methylene Chloride	2.800	84	2238	0.886	ug/l	88
31) Cyclohexane	5.556	56	4495	1.266	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16738	5.168	ug/l #	49
38) Carbon Tetrachloride	5.562	117	23492	6.949	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	76100	29.882	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	76100	80.252	ug/l #	12
95) Naphthalene	13.774	128	127	1.289	ug/l #	74

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

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QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

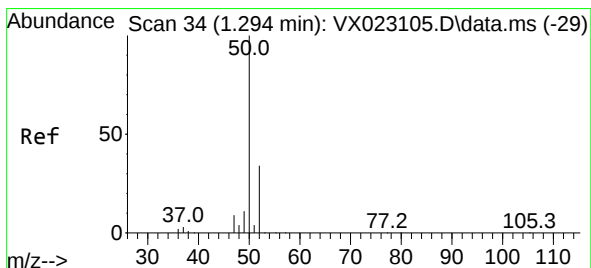
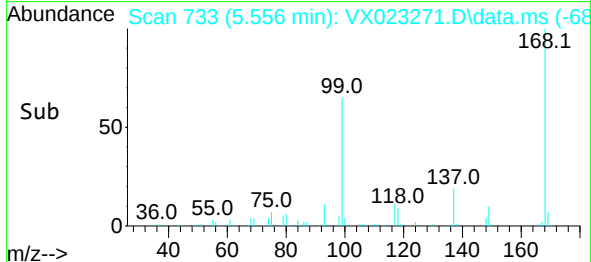
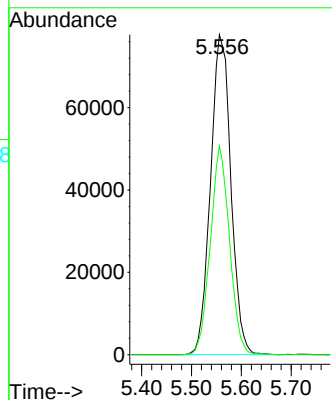
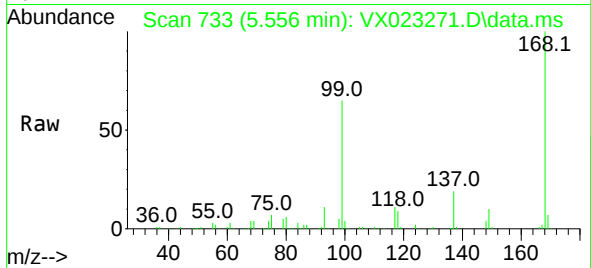




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

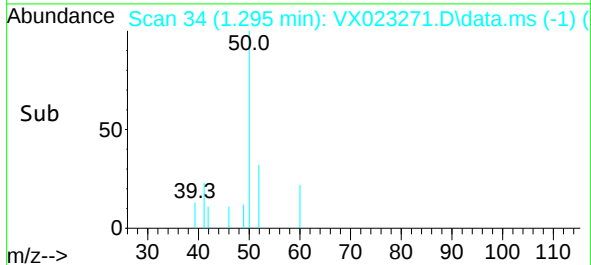
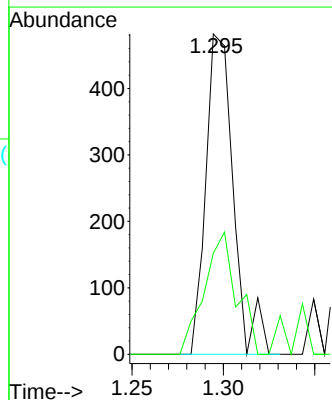
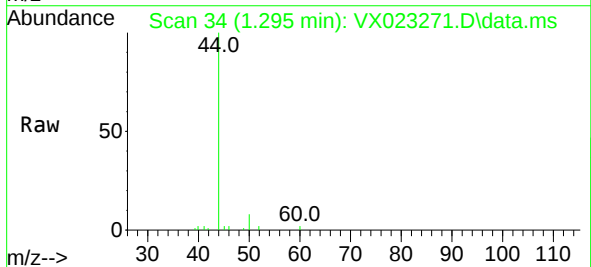
Instrument :
MSVOA_X
ClientSampleId :

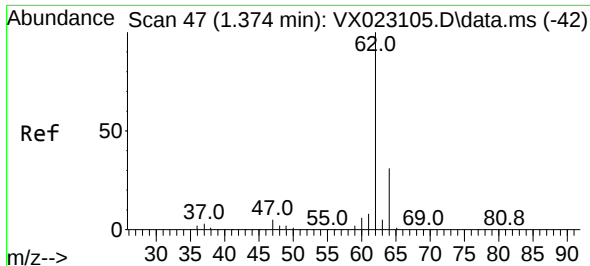
Tgt Ion:168 Resp: 220596
Ion Ratio Lower Upper
168 100
99 65.3 45.8 68.6



#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

Tgt Ion: 50 Resp: 506
Ion Ratio Lower Upper
50 100
52 31.5 26.4 39.6

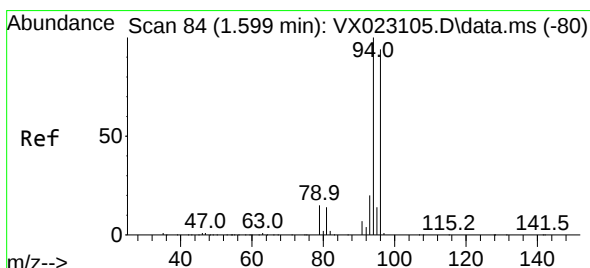
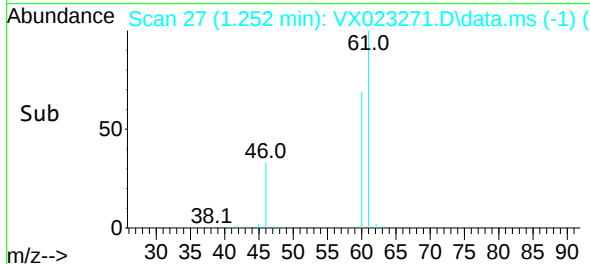
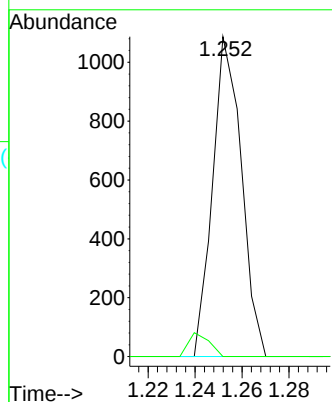
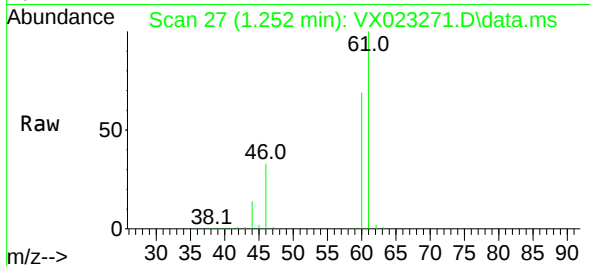




#4
 Vinyl Chloride
 Concen: 0.441 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023271.D
 Acq: 14 Jul 2021 11:54

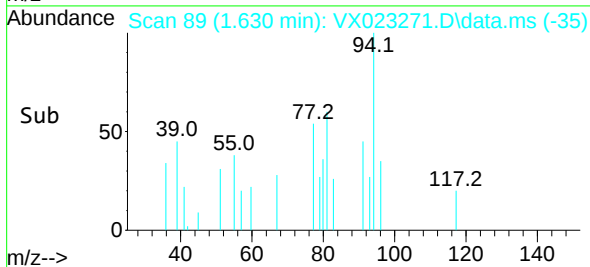
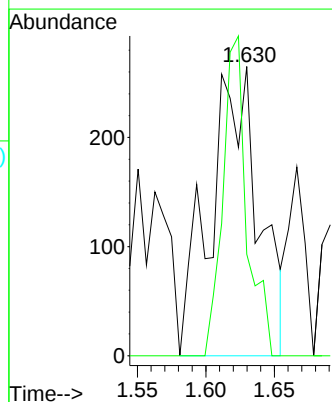
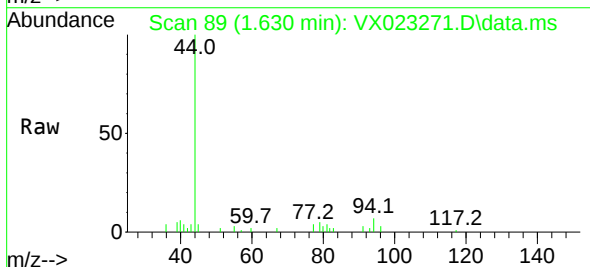
Instrument :
 MSVOA_X
 ClientSampled :

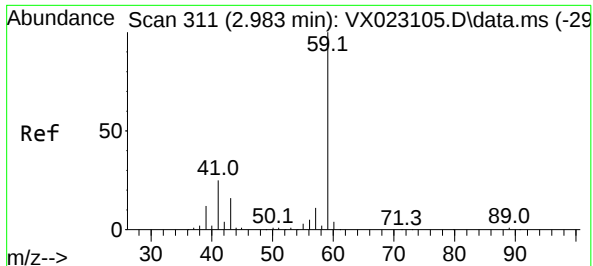
Tgt Ion: 62 Resp: 924
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.630 min Scan# 89
 Delta R.T. 0.031 min
 Lab File: VX023271.D
 Acq: 14 Jul 2021 11:54

Tgt Ion: 94 Resp: 653
 Ion Ratio Lower Upper
 94 100
 96 35.1 76.4 114.6#



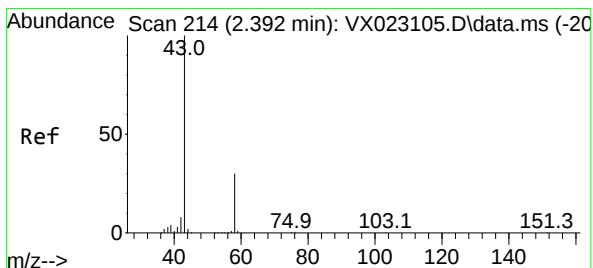
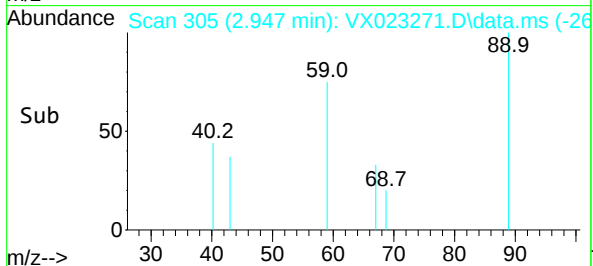
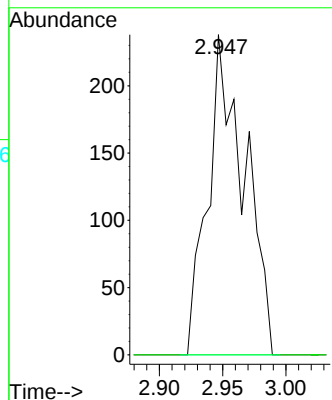
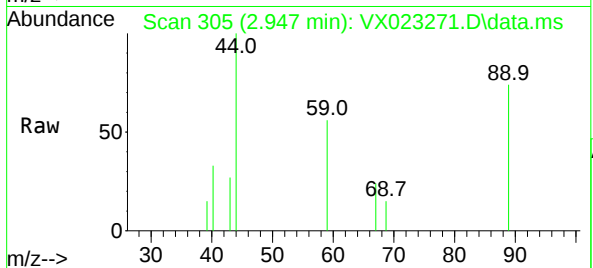


#11

Tert butyl alcohol
Concen: 0.768 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

Instrument :
MSVOA_X
ClientSampled :

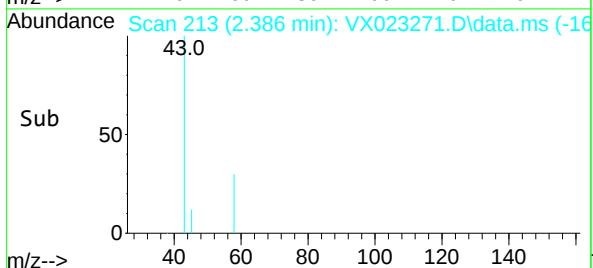
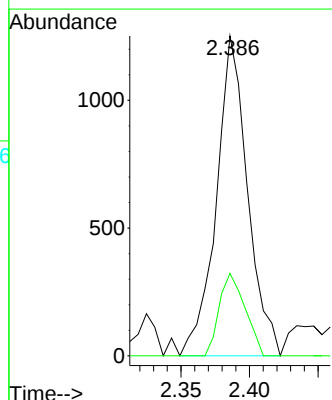
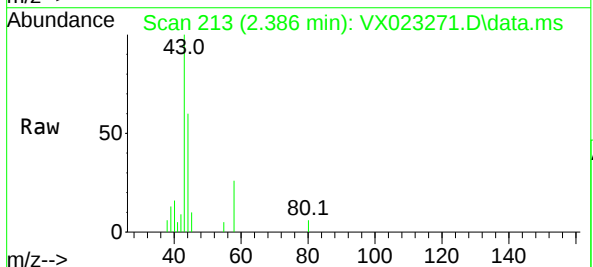
Tgt Ion: 59 Resp: 479
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

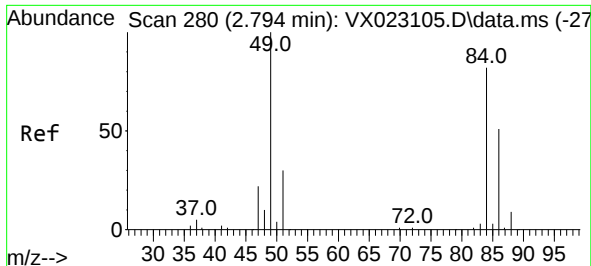


#16

Acetone
Concen: 1.694 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

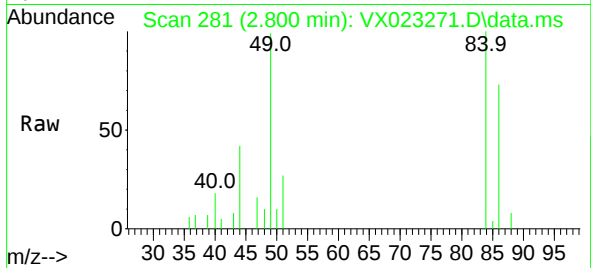
Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#





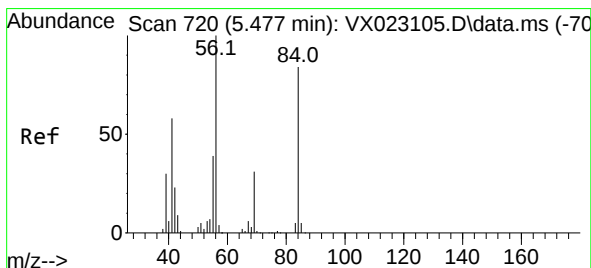
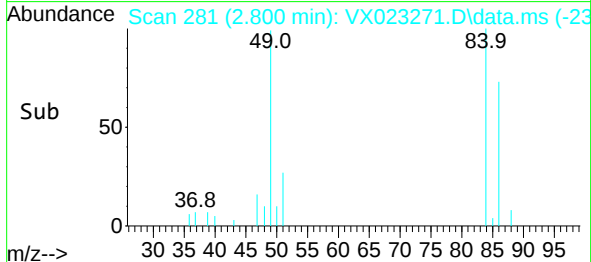
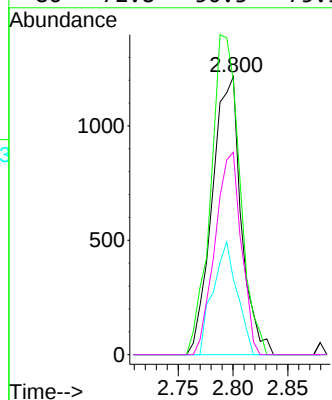
#20
Methylene Chloride
Concen: 0.886 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

Instrument :
MSVOA_X
ClientSampled :

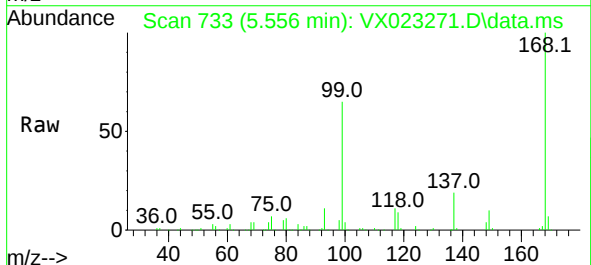


Tgt Ion: 84 Resp: 2238

Ion	Ratio	Lower	Upper
84	100		
49	98.7	88.6	132.8
51	27.2	27.0	40.6
86	72.8	50.3	75.5

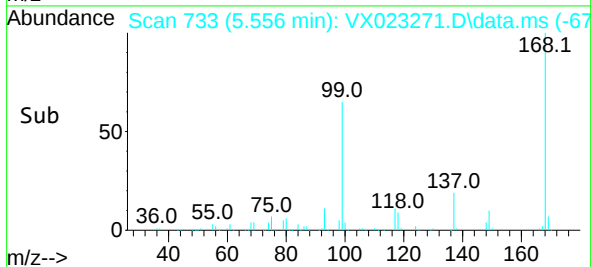
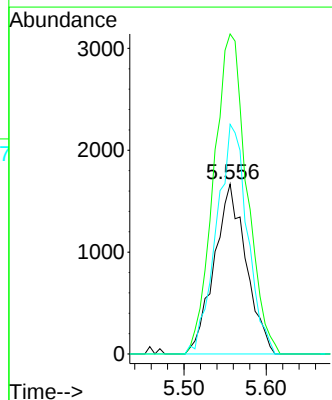


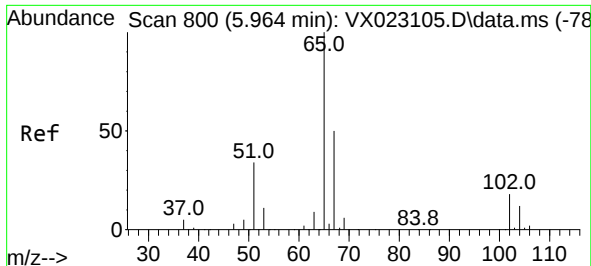
#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54



Tgt Ion: 56 Resp: 4495

Ion	Ratio	Lower	Upper
56	100		
69	188.3	25.3	37.9#
84	135.1	71.4	107.0#

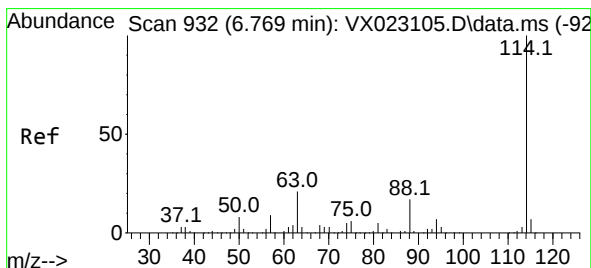
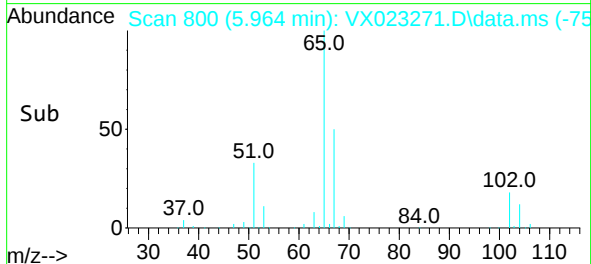
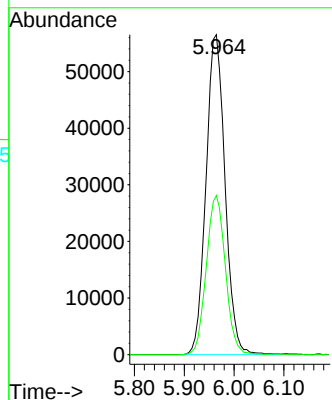
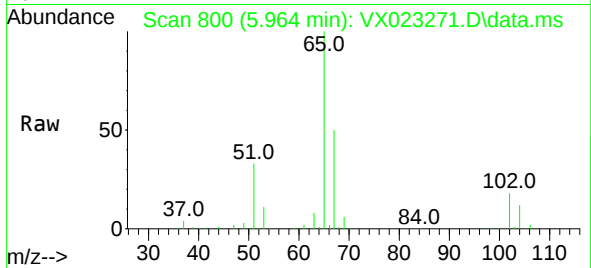




#33
 1,2-Dichloroethane-d4
 Concen: 50.642 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023271.D
 Acq: 14 Jul 2021 11:54

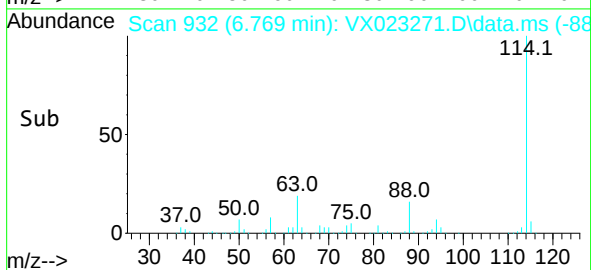
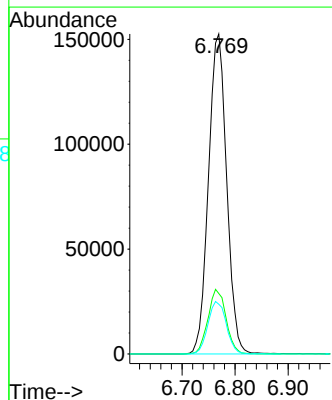
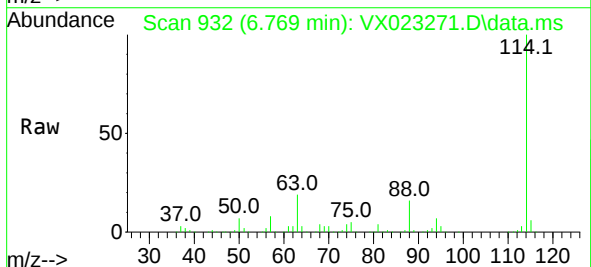
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 ClientSampleId :

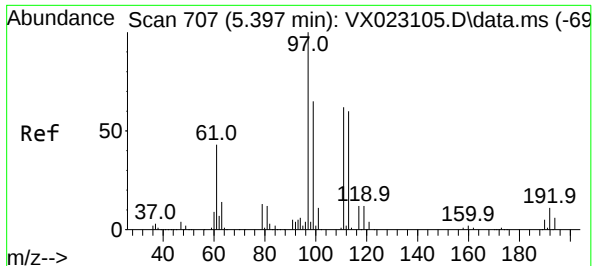
Tgt Ion: 65 Resp: 150143
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023271.D
 Acq: 14 Jul 2021 11:54

Tgt Ion: 114 Resp: 363288
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.8
 88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.810 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX023271.D

Acq: 14 Jul 2021 11:54

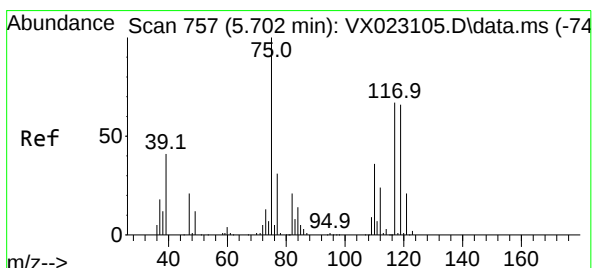
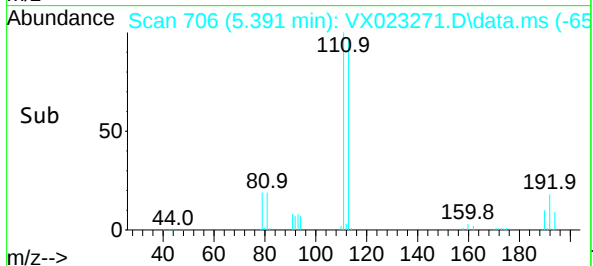
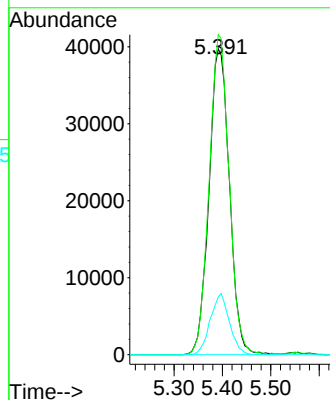
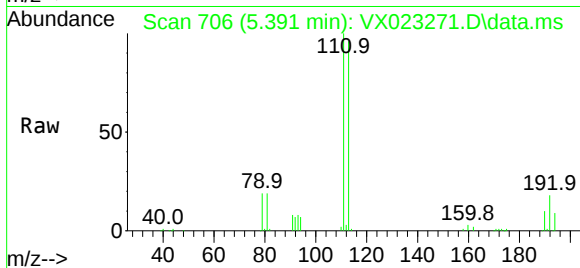
Tgt Ion:113 Resp: 116853

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 18.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.168 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX023271.D

Acq: 14 Jul 2021 11:54

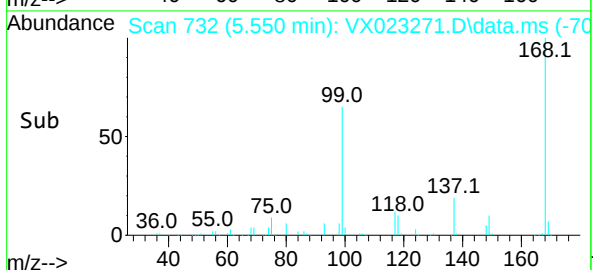
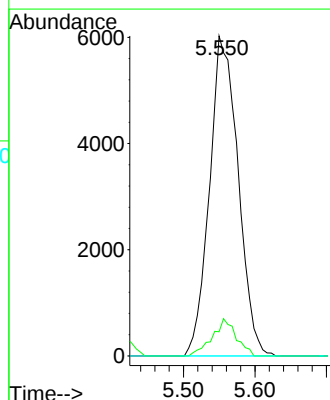
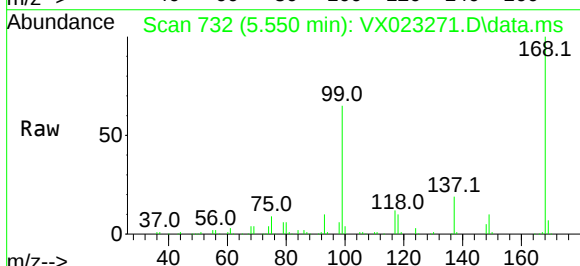
Tgt Ion: 75 Resp: 16738

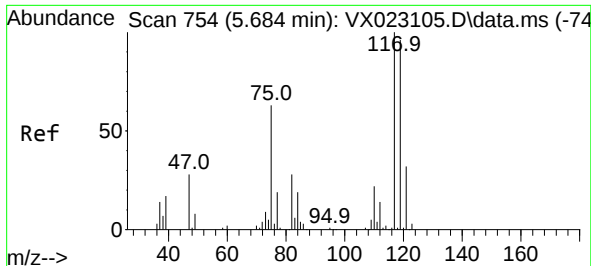
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

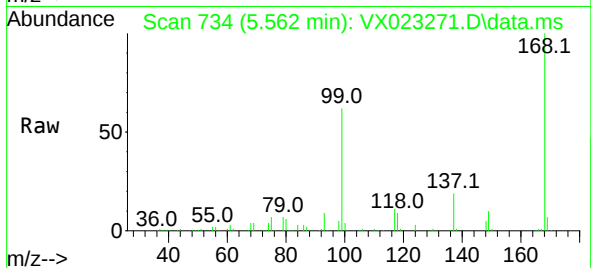
77 0.0 25.3 37.9#



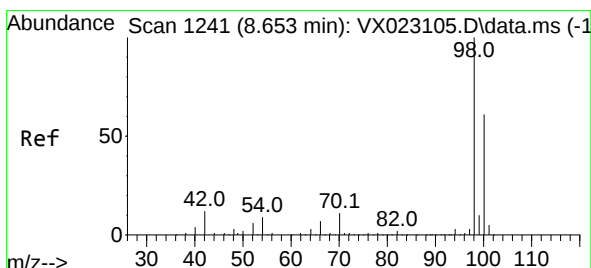
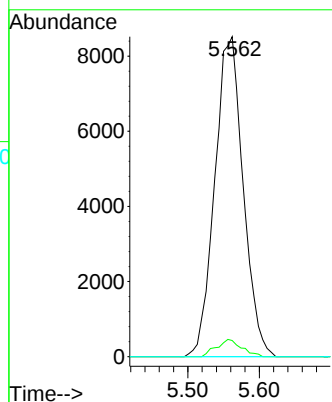
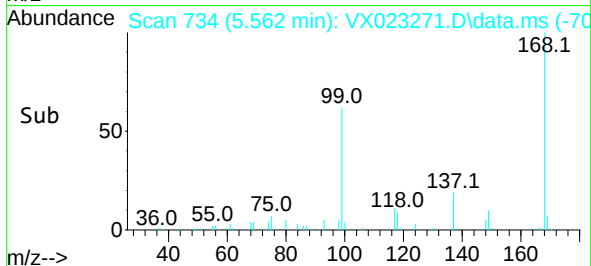


#38
Carbon Tetrachloride
Concen: 6.949 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

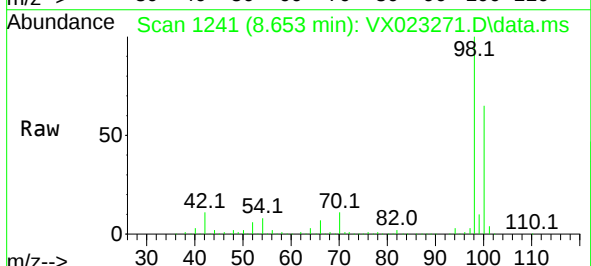
Instrument :
MSVOA_X
ClientSampleId :



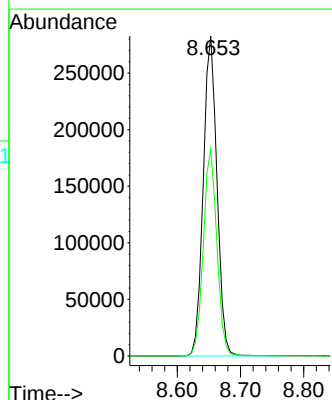
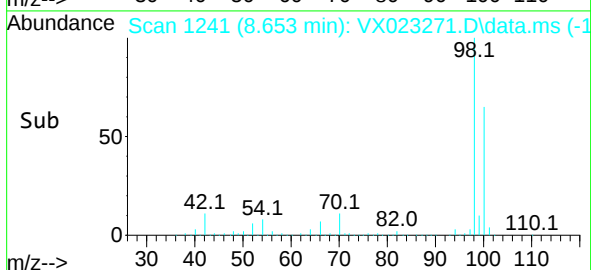
Tgt Ion:117 Resp: 23492
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

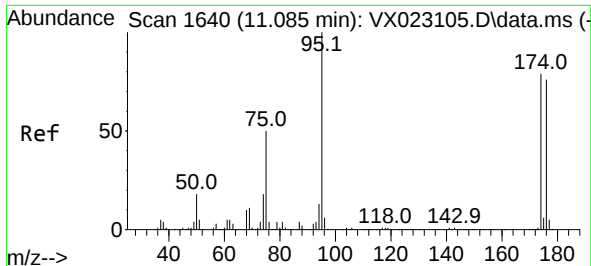


#50
Toluene-d8
Concen: 48.821 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54



Tgt Ion: 98 Resp: 427229
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

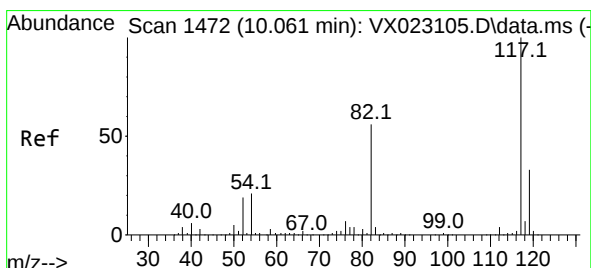
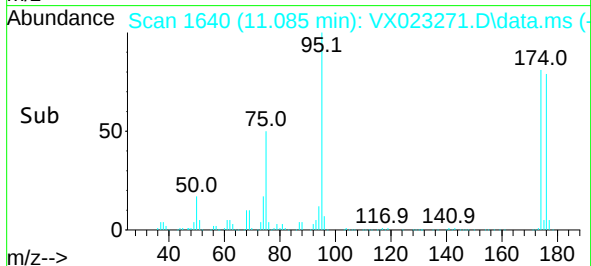
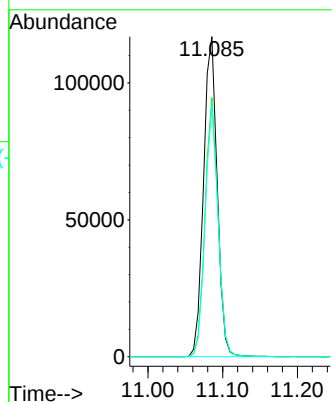
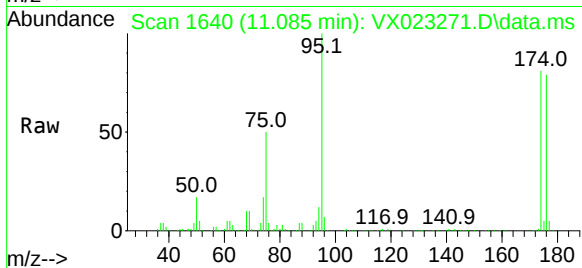




#62
4-Bromofluorobenzene
Concen: 43.829 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

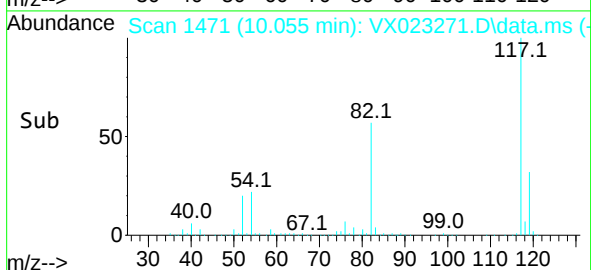
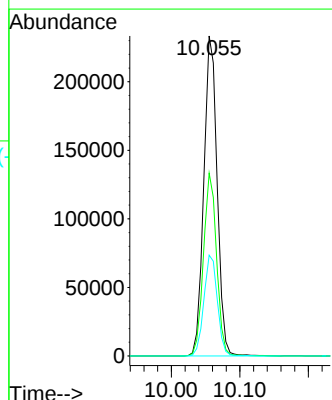
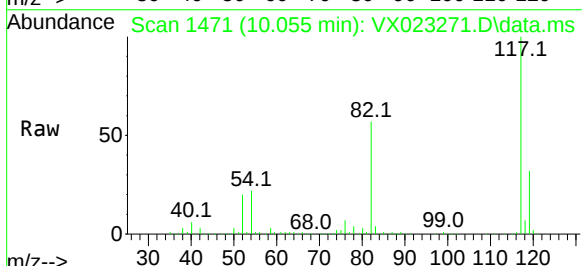
Instrument :
MSVOA_X
ClientSampleId :

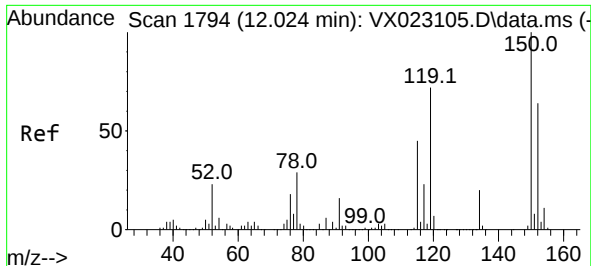
Tgt Ion: 95 Resp: 148072
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

Tgt Ion: 117 Resp: 316584
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.5 26.6 39.8

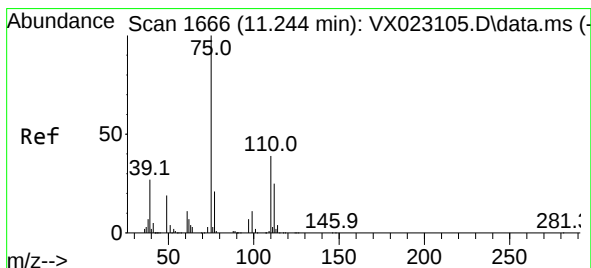
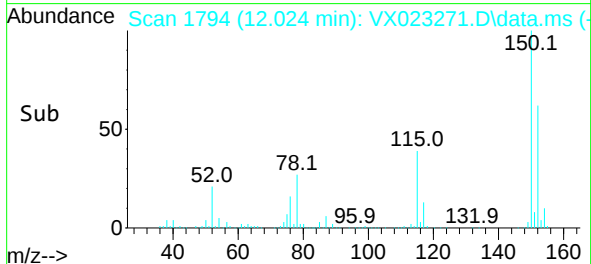
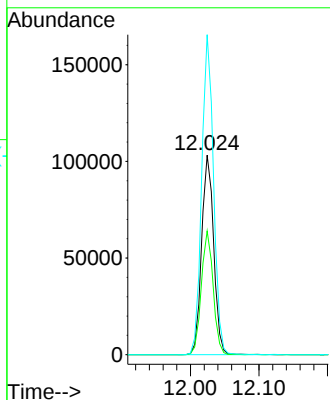
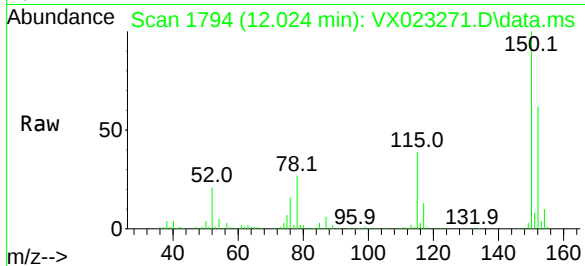




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023271.D
 Acq: 14 Jul 2021 11:54

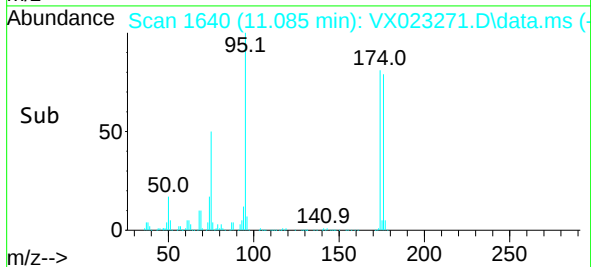
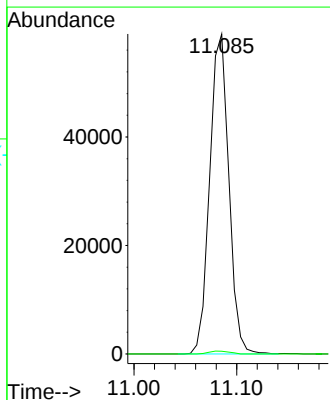
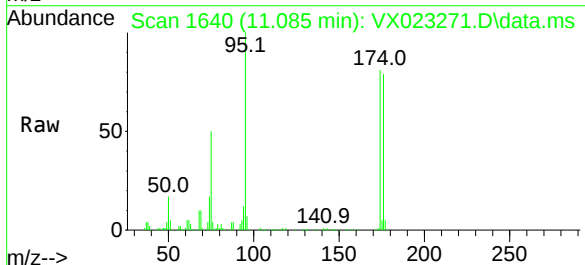
Instrument :
 MSVOA_X
 ClientSampleId :

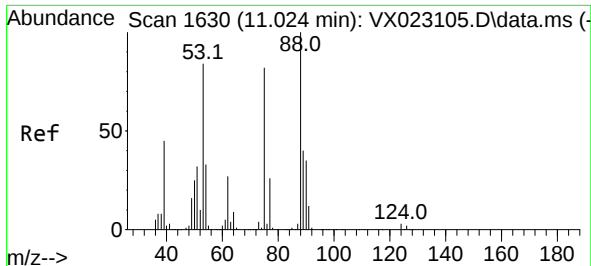
Tgt Ion:152 Resp: 126554
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 157.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.882 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023271.D
 Acq: 14 Jul 2021 11:54

Tgt Ion: 75 Resp: 76100
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

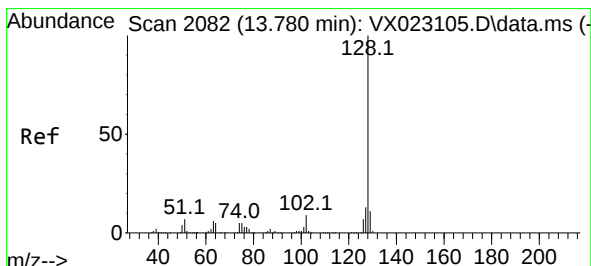
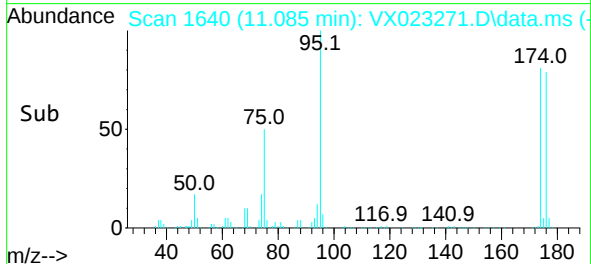
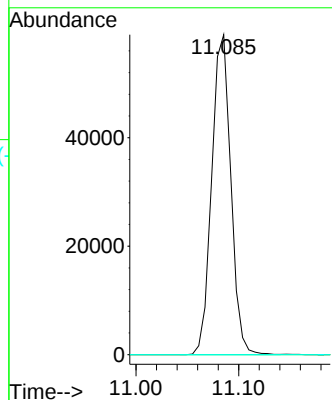
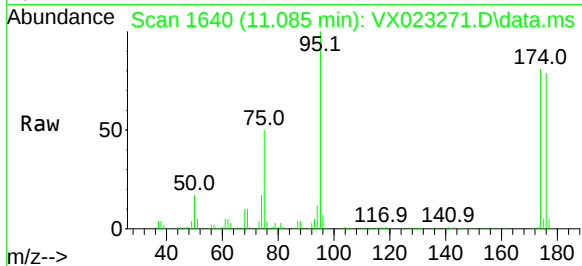




#81
trans-1,4-Dichloro-2-butene
Concen: 80.252 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 76100
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.289 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023271.D
Acq: 14 Jul 2021 11:54

Tgt Ion: 128 Resp: 127
Ion Ratio Lower Upper
128 100
127 22.0 10.3 15.5#
129 0.0 8.8 13.2#

