

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021552.D
 Acq On : 27 Mar 2021 00:46
 Operator : JC/MD
 Sample : M1787-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

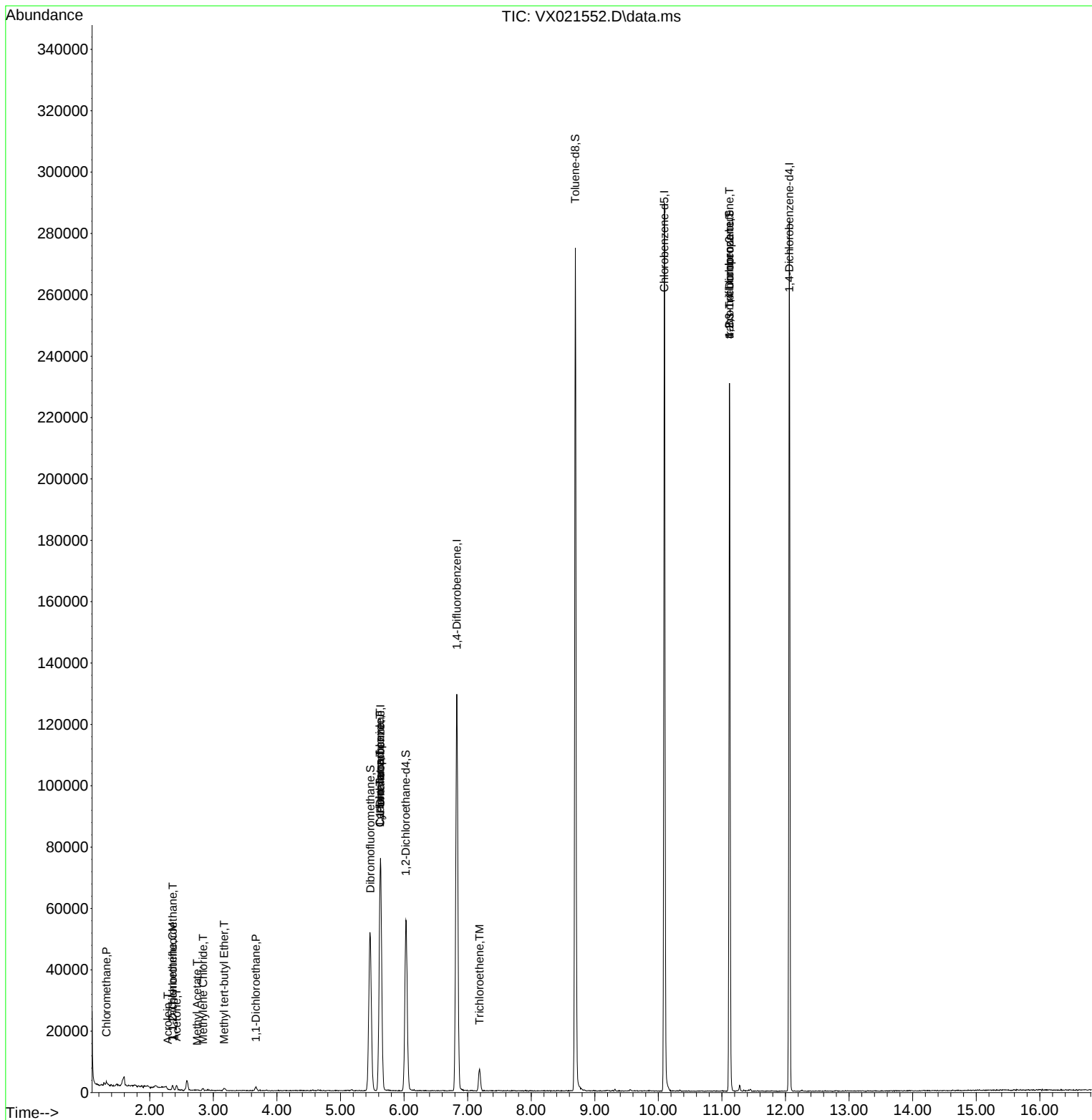
Quant Time: Mar 27 04:35:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	65845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	55698	50.84	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.68%
35) Dibromofluoromethane	5.470	113	42181	50.02	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.04%
50) Toluene-d8	8.694	98	150725	50.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.30%
62) 4-Bromofluorobenzene	11.118	95	59538	50.96	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.92%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1544	1.90	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.364	101	379	0.56	ug/l #	89
12) 1,1-Dichloroethene	2.358	96	221	0.33	ug/l #	88
13) Acrolein	2.281	56	20	4.51	ug/l #	64
16) Acetone	2.423	43	1682	4.06	ug/l	96
18) Methyl Acetate	2.746	43	269	0.22	ug/l #	47
19) Methyl tert-butyl Ether	3.170	73	779	0.31	ug/l #	89
20) Methylene Chloride	2.840	84	265	0.33	ug/l #	88
24) 1,1-Dichloroethane	3.670	63	1421	1.01	ug/l #	81
31) Cyclohexane	5.623	56	1822	1.51	ug/l #	41
36) 1,1-Dichloropropene	5.623	75	5945	5.11	ug/l #	50
38) Carbon Tetrachloride	5.623	117	7104	5.68	ug/l #	16
44) Trichloroethene	7.188	130	2500	2.87	ug/l	98
76) 1,2,3-Trichloropropane	11.118	75	33126	27.50	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33126	83.76	ug/l #	12

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

Quant Time: Mar 27 04:35:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

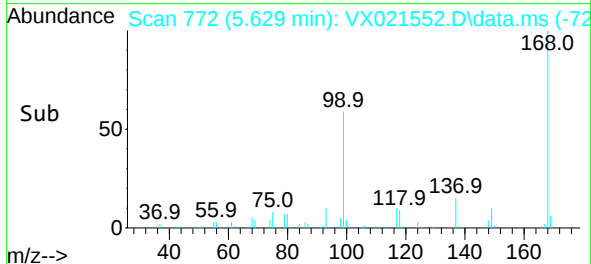
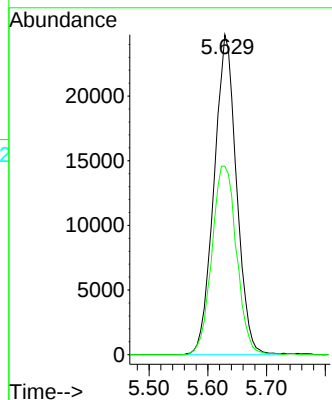
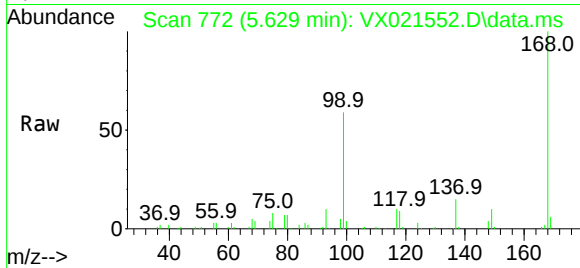




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

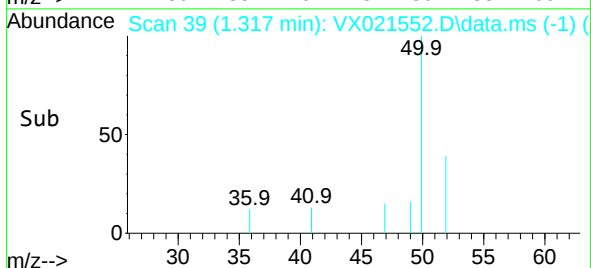
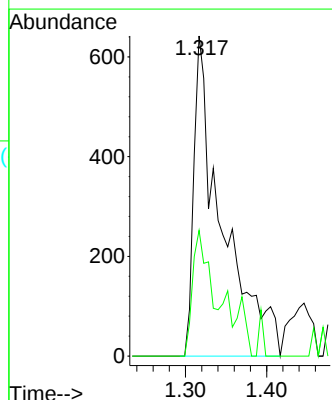
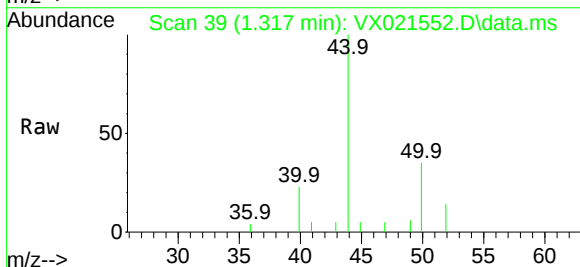
Instrument :
MSVOA_X
ClientSampleId :

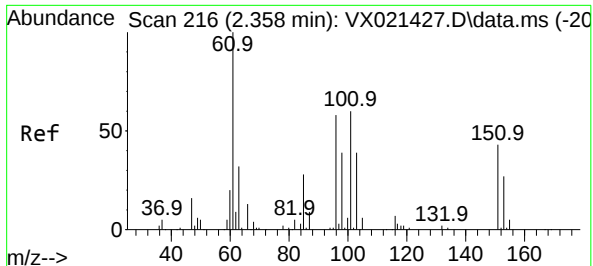
Tgt Ion:168 Resp: 65845
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#3
Chloromethane
Concen: 1.90 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

Tgt Ion: 50 Resp: 1544
Ion Ratio Lower Upper
50 100
52 39.3 26.4 39.6

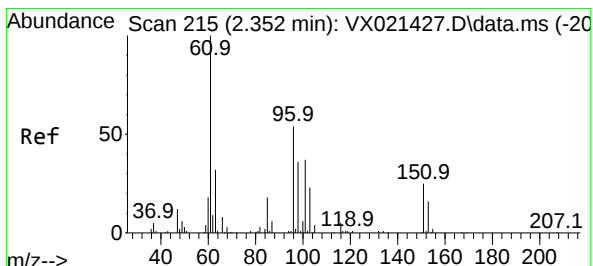
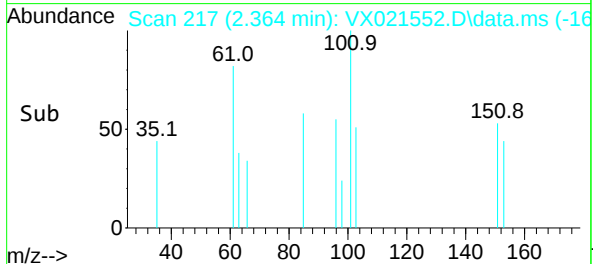
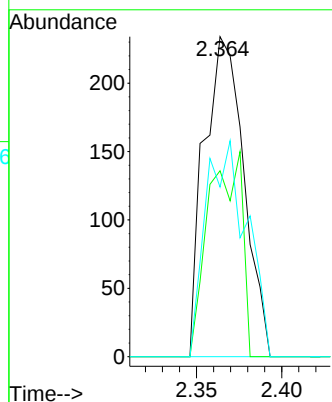
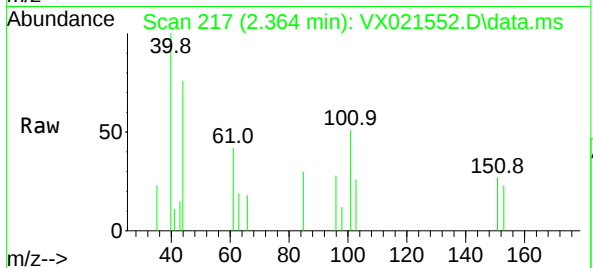




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.56 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

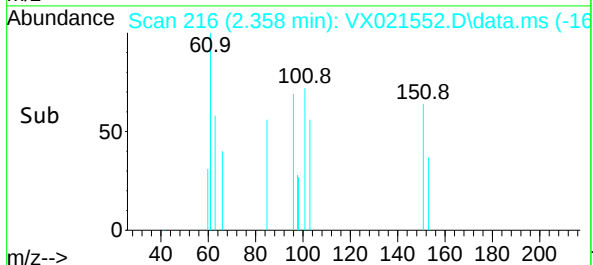
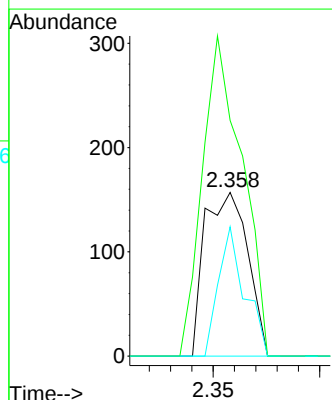
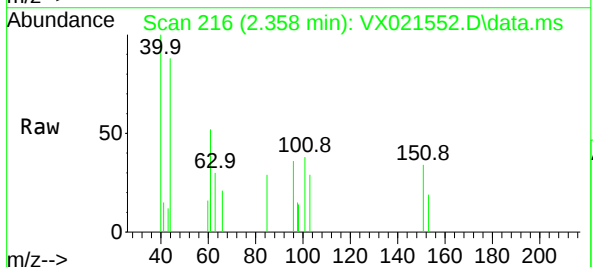
Instrument :
MSVOA_X
ClientSampled :

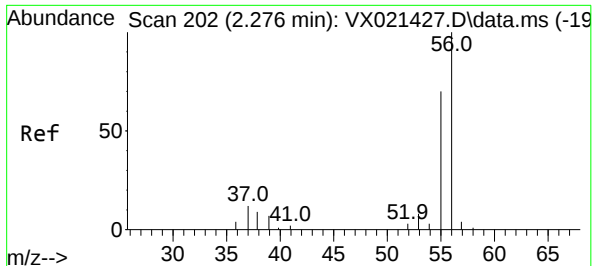
Tgt Ion:101 Resp: 379
Ion Ratio Lower Upper
101 100
85 54.1 34.9 52.3#
151 69.4 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.33 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

Tgt Ion: 96 Resp: 221
Ion Ratio Lower Upper
96 100
61 143.9 124.6 187.0
98 79.0 50.6 76.0#

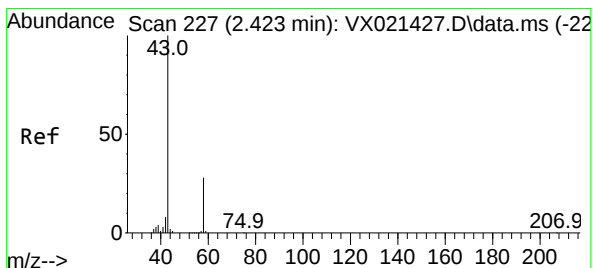
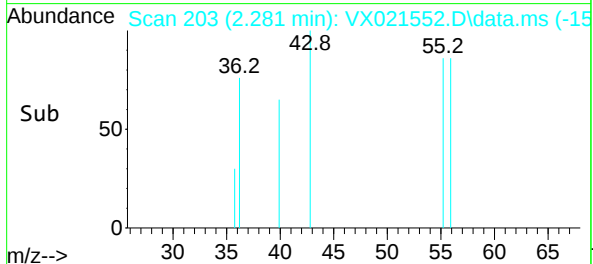
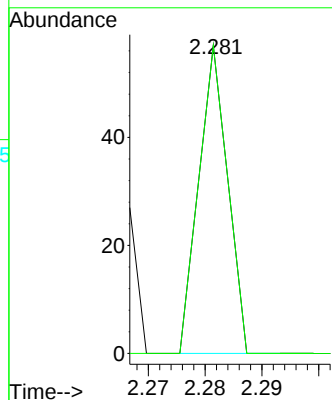
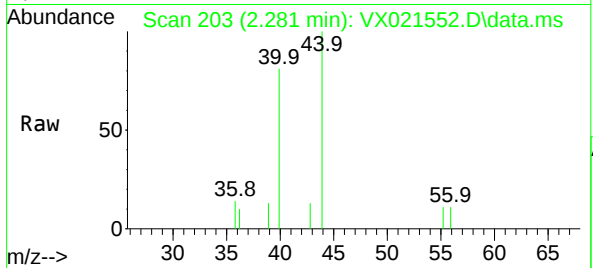




#13
Acrolein
Concen: 4.51 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

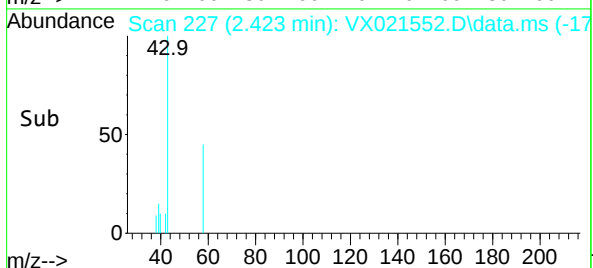
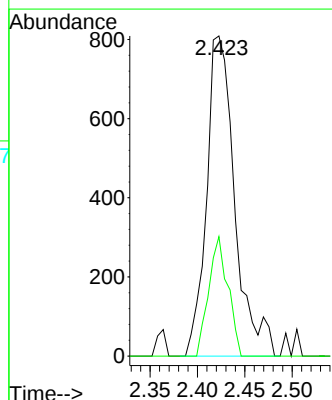
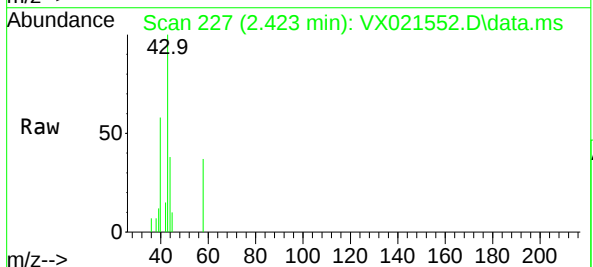
Instrument :
MSVOA_X
ClientSampled :

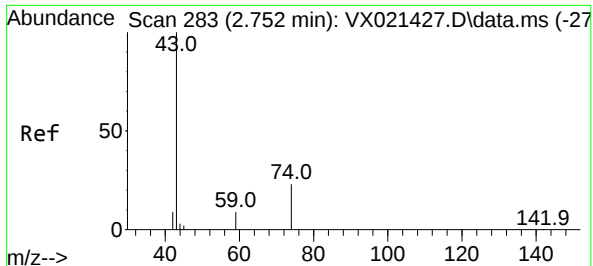
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#



#16
Acetone
Concen: 4.06 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
58 37.3 27.8 41.8





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX021552.D

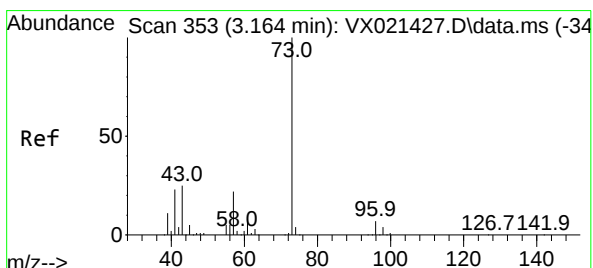
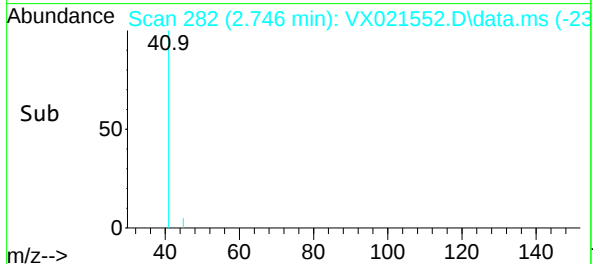
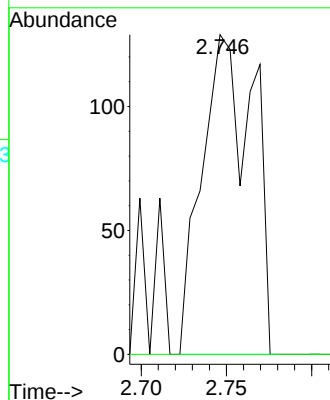
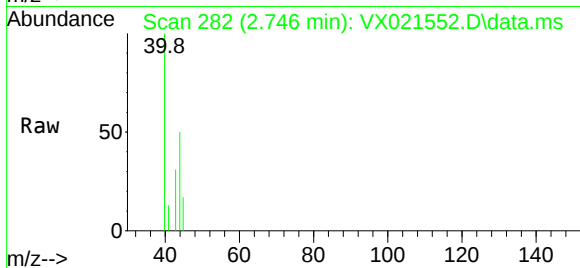
Acq: 27 Mar 2021 00:46

Tgt Ion: 43 Resp: 269

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.31 ug/l

RT: 3.170 min Scan# 354

Delta R.T. 0.006 min

Lab File: VX021552.D

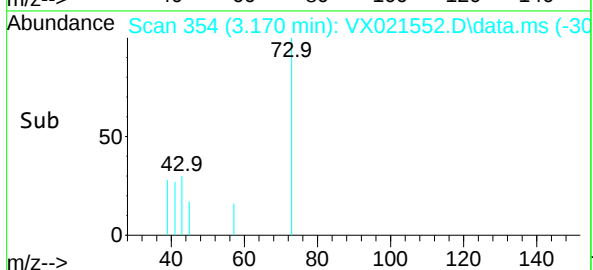
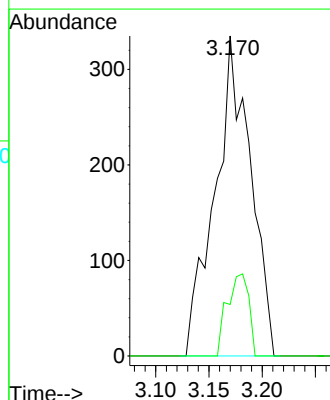
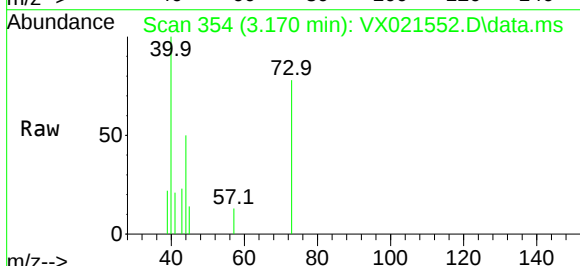
Acq: 27 Mar 2021 00:46

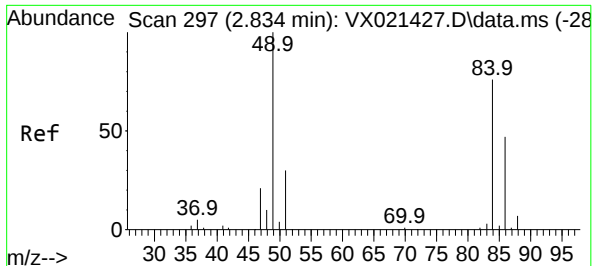
Tgt Ion: 73 Resp: 779

Ion Ratio Lower Upper

73 100

57 16.1 17.1 25.7#





#20

Methylene Chloride

Concen: 0.33 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021552.D

Acq: 27 Mar 2021 00:46

Tgt Ion: 84 Resp: 265

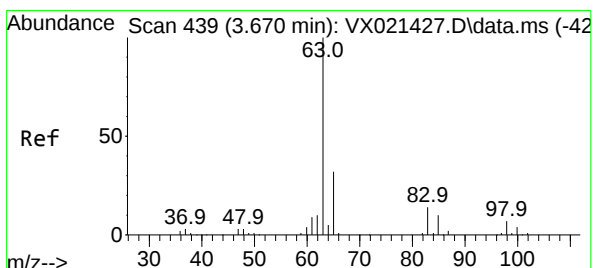
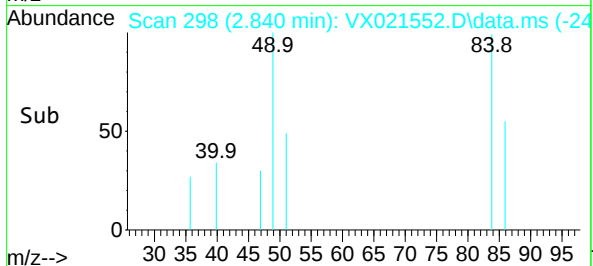
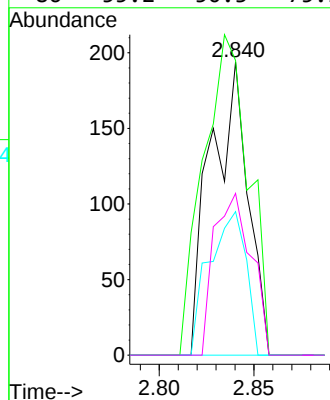
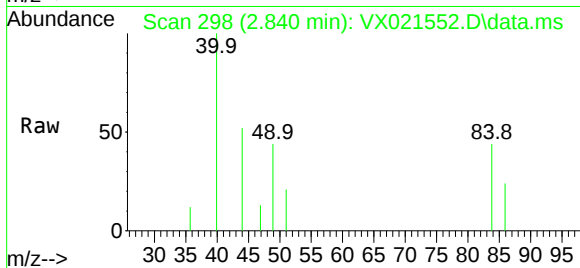
Ion Ratio Lower Upper

84 100

49 100.5 88.6 132.8

51 49.0 27.0 40.6#

86 55.2 50.3 75.5



#24

1,1-Dichloroethane

Concen: 1.01 ug/l

RT: 3.670 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX021552.D

Acq: 27 Mar 2021 00:46

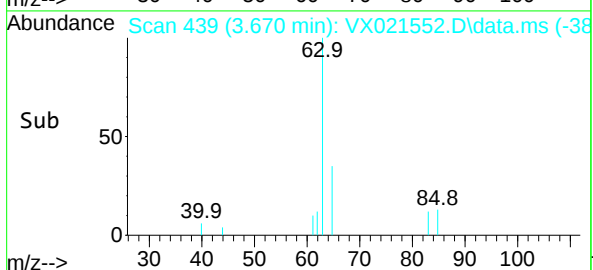
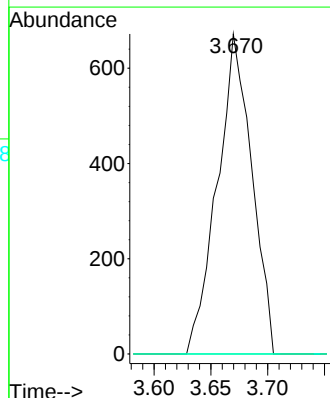
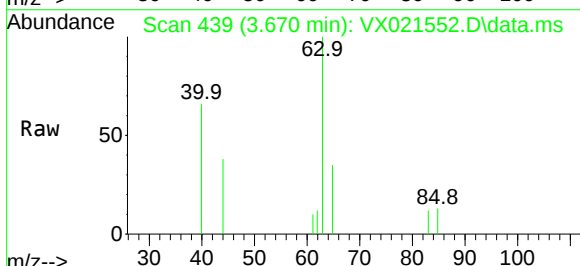
Tgt Ion: 63 Resp: 1421

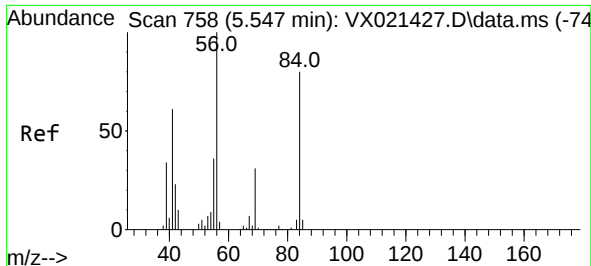
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

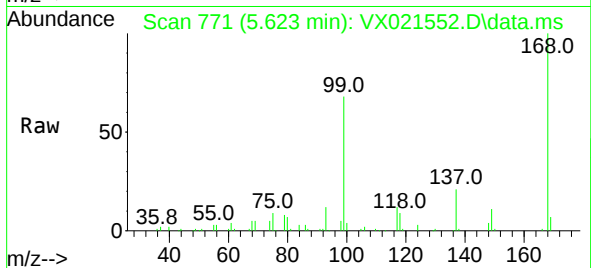
100 0.0 2.5 7.5#



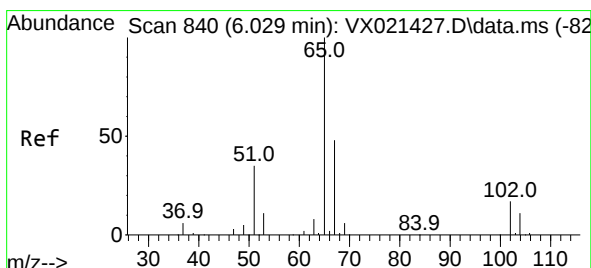
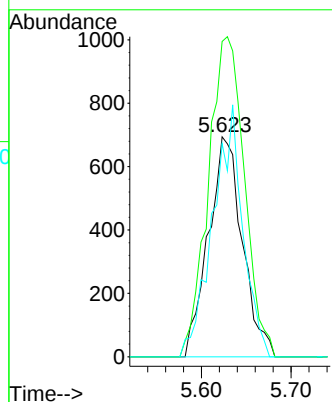
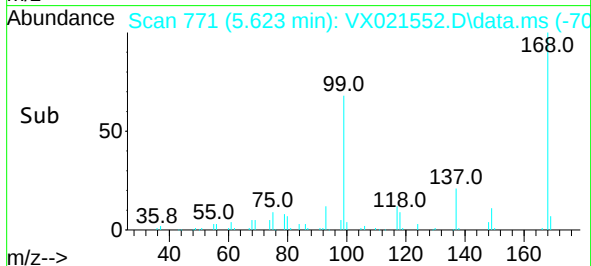


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

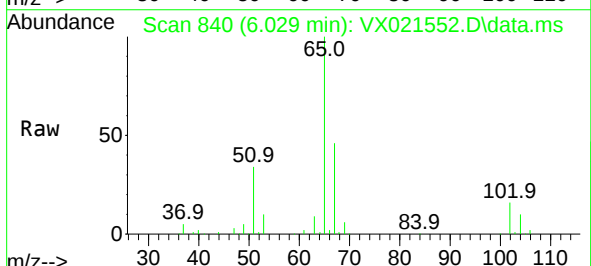
Instrument :
MSVOA_X
ClientSampleId :



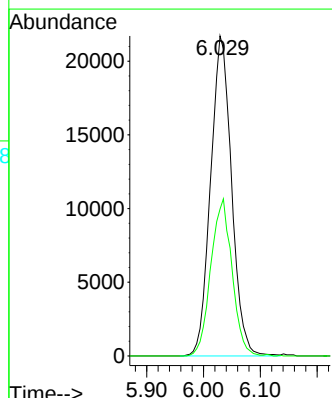
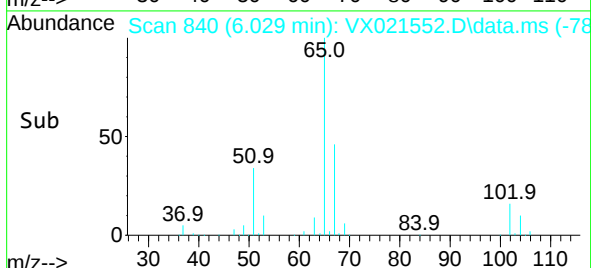
Tgt Ion: 56 Resp: 1822
Ion Ratio Lower Upper
56 100
69 143.4 25.3 37.9#
84 97.0 71.4 107.0

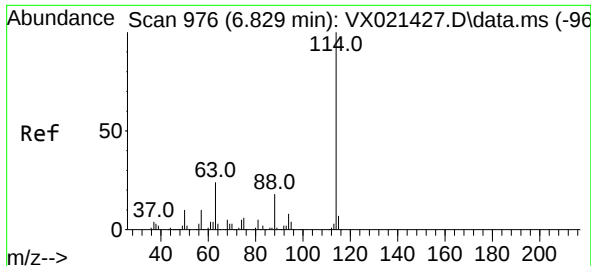


#33
1,2-Dichloroethane-d4
Concen: 50.84 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46



Tgt Ion: 65 Resp: 55698
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

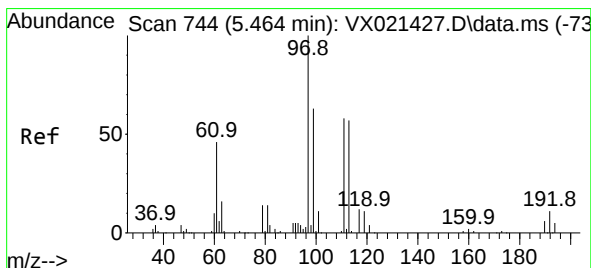
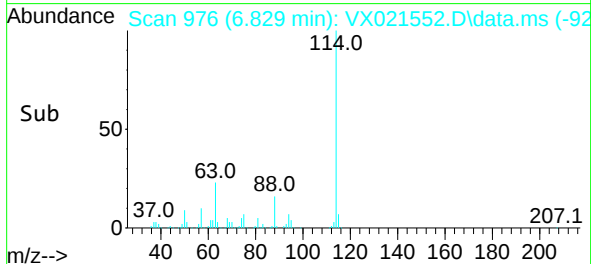
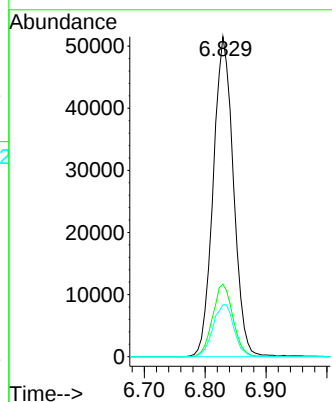
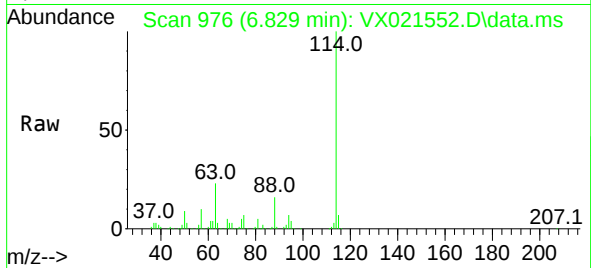




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

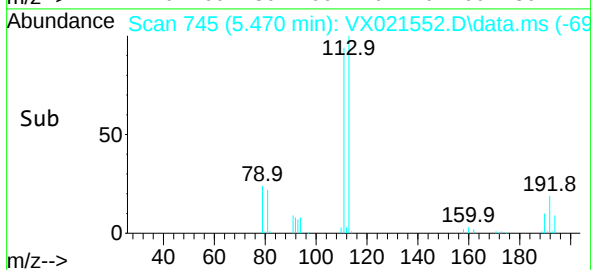
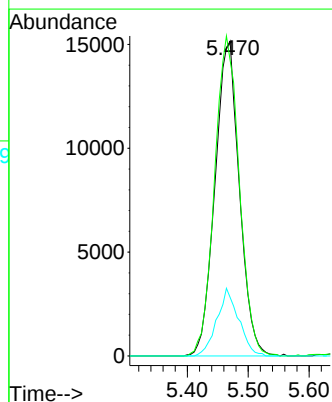
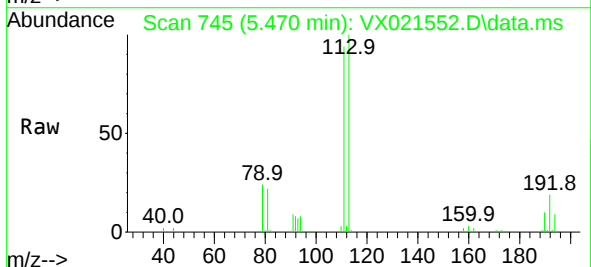
Instrument :
MSVOA_X
ClientSampleId :

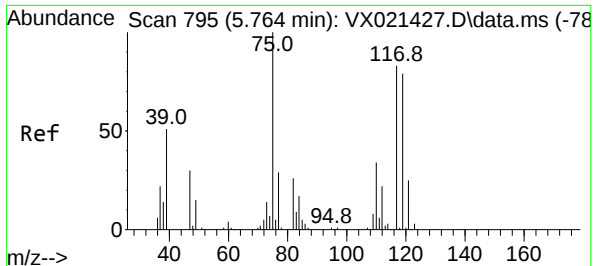
Tgt Ion:114 Resp: 118726
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.02 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

Tgt Ion:113 Resp: 42181
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.2 16.7 25.1

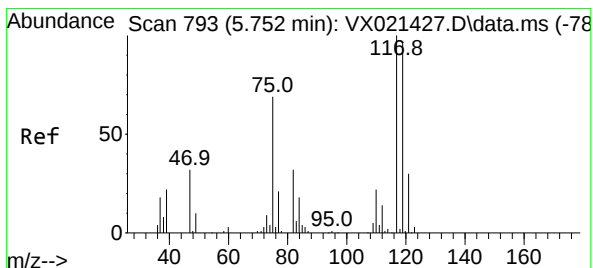
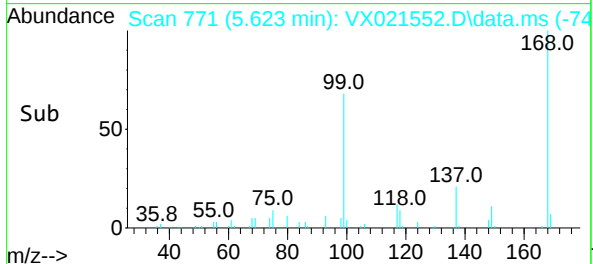
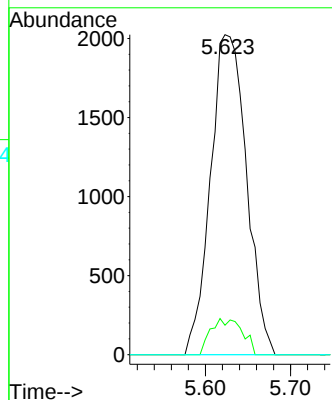
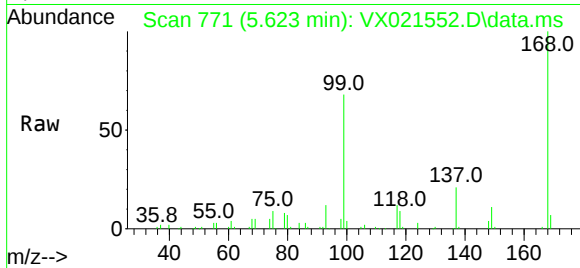




#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

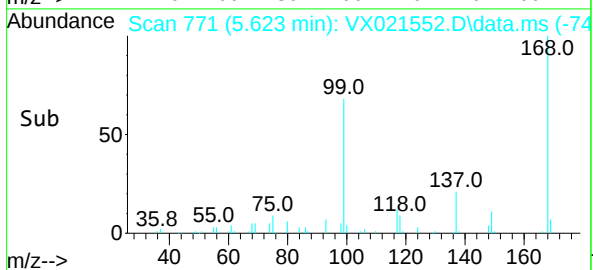
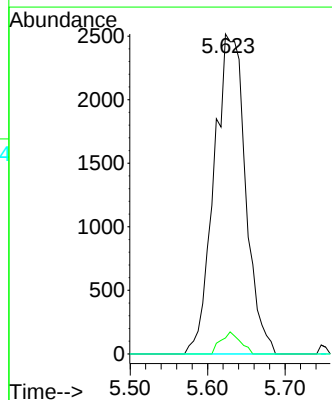
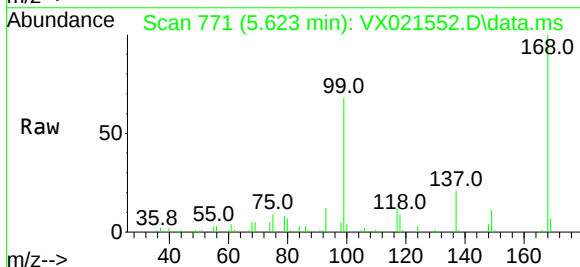
Instrument :
MSVOA_X
ClientSampled :

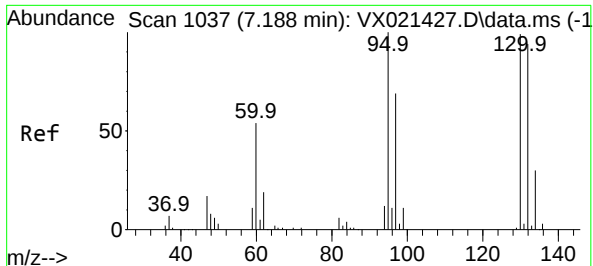
Tgt Ion: 75 Resp: 5945
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

Tgt Ion: 117 Resp: 7104
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

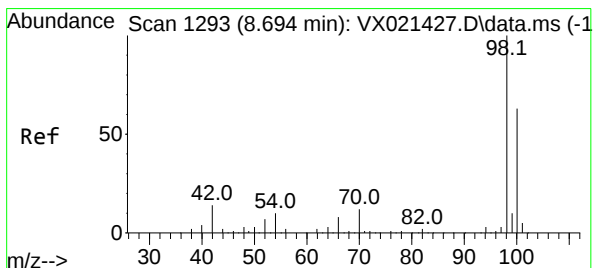
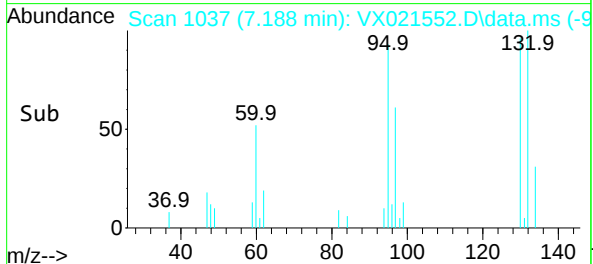
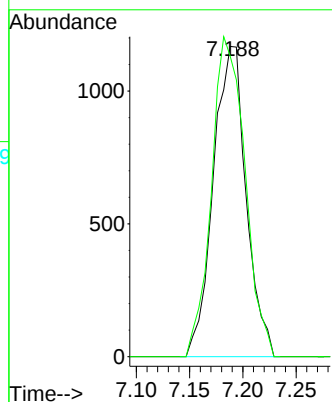
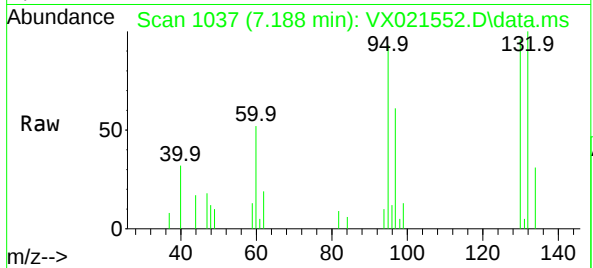




#44
Trichloroethene
Concen: 2.87 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

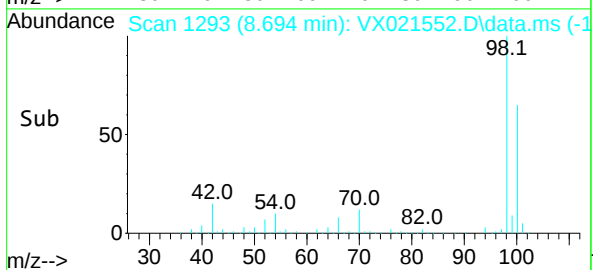
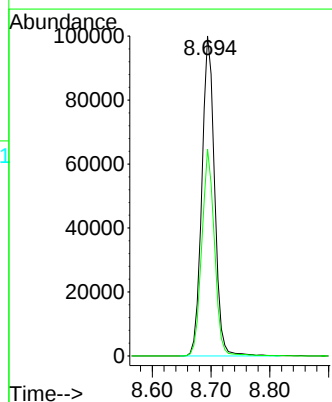
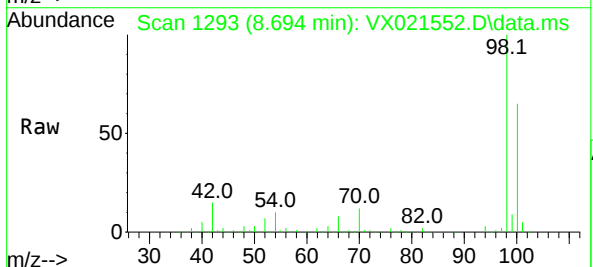
Instrument :
MSVOA_X
ClientSampled :

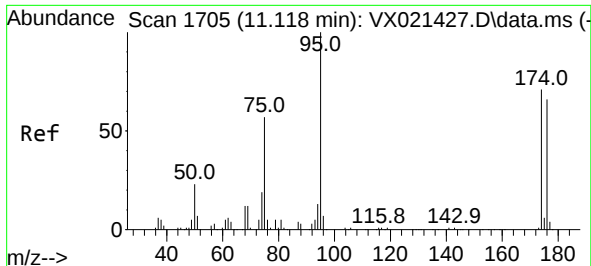
Tgt Ion:130 Resp: 2500
Ion Ratio Lower Upper
130 100
95 97.0 0.0 198.0



#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

Tgt Ion: 98 Resp: 150725
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

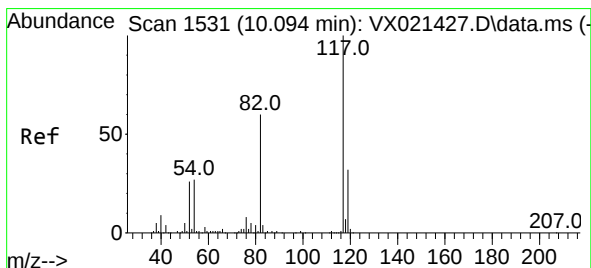
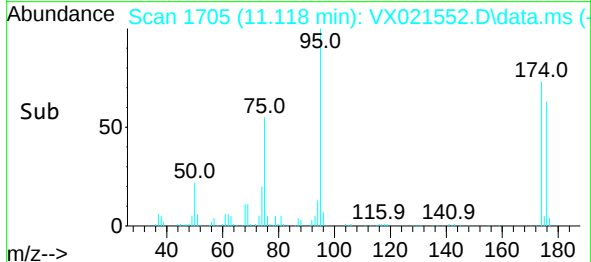
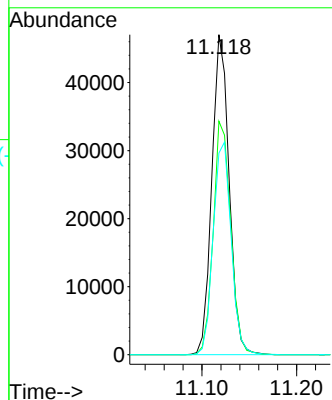
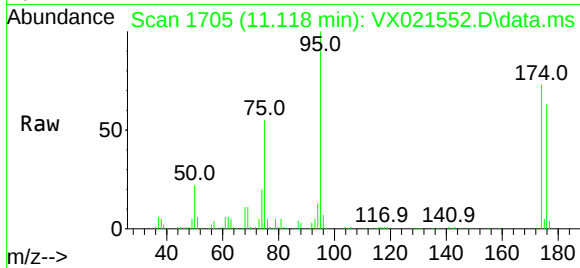




#62
4-Bromofluorobenzene
Concen: 50.96 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

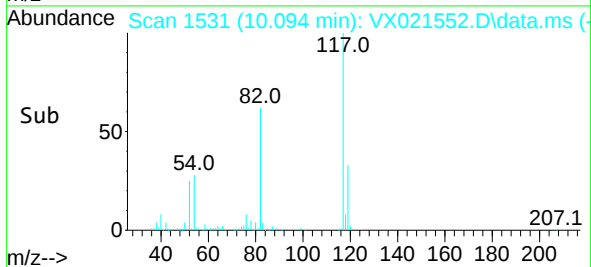
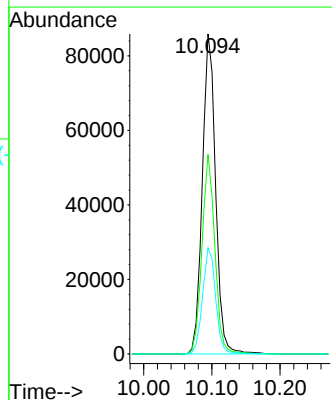
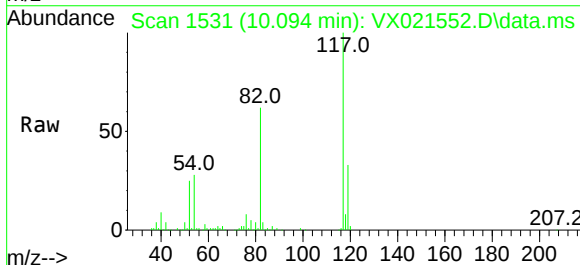
Instrument :
MSVOA_X
ClientSampled :

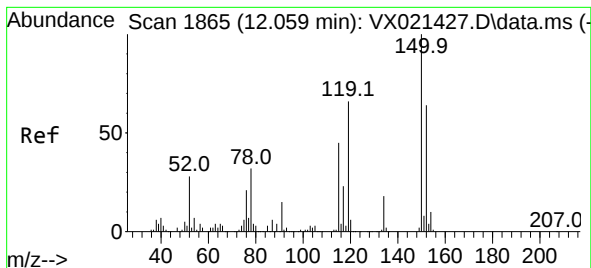
Tgt Ion: 95 Resp: 59538
Ion Ratio Lower Upper
95 100
174 73.9 0.0 154.6
176 69.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021552.D
Acq: 27 Mar 2021 00:46

Tgt Ion: 117 Resp: 116370
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 33.2 26.6 39.8

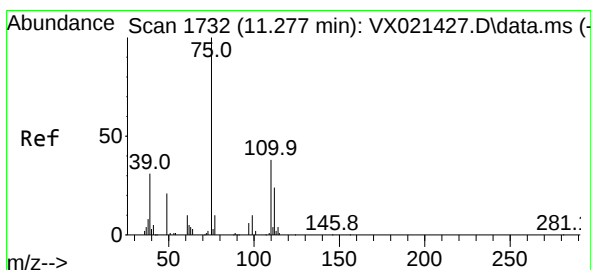
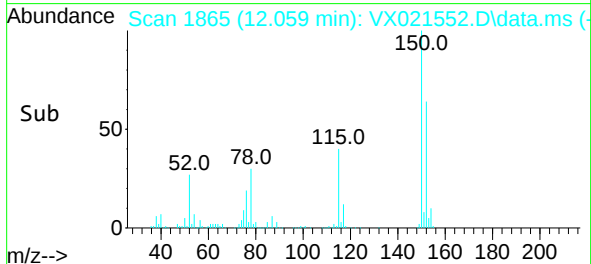
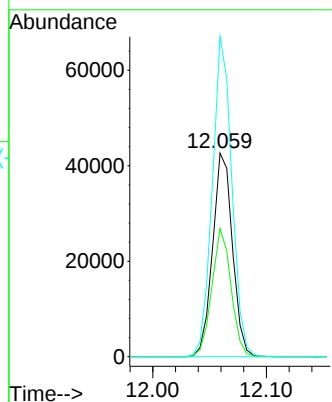
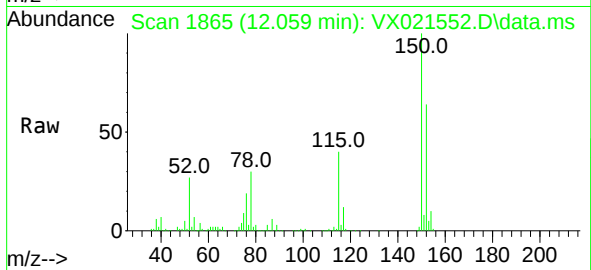




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021552.D
 Acq: 27 Mar 2021 00:46

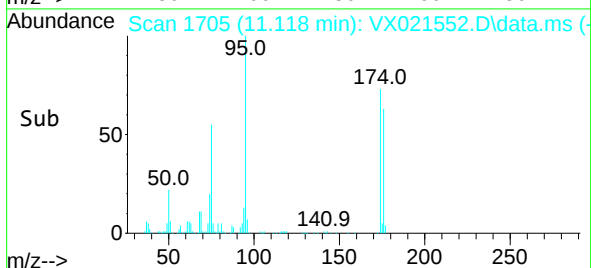
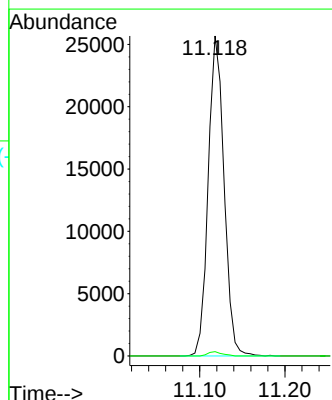
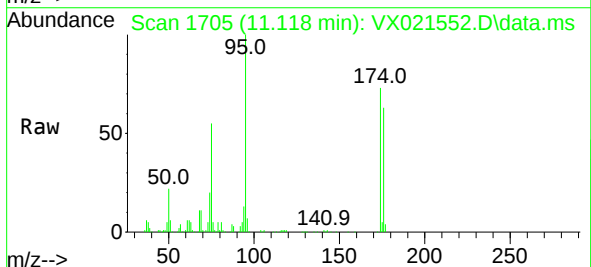
Instrument :
 MSVOA_X
 ClientSampleId :

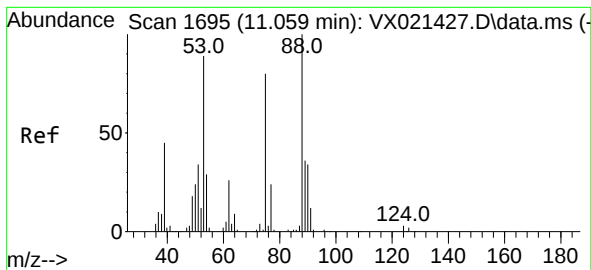
Tgt Ion:152 Resp: 51748
 Ion Ratio Lower Upper
 152 100
 115 60.8 41.1 123.3
 150 154.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.50 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021552.D
 Acq: 27 Mar 2021 00:46

Tgt Ion: 75 Resp: 33126
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 83.76 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. 0.059 min

Lab File: VX021552.D

Acq: 27 Mar 2021 00:46

Tgt Ion: 75 Resp: 33126

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

