

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021453.D
 Acq On : 24 Mar 2021 23:04
 Operator : JC/MD
 Sample : M1770-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 25 06:52:18 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)

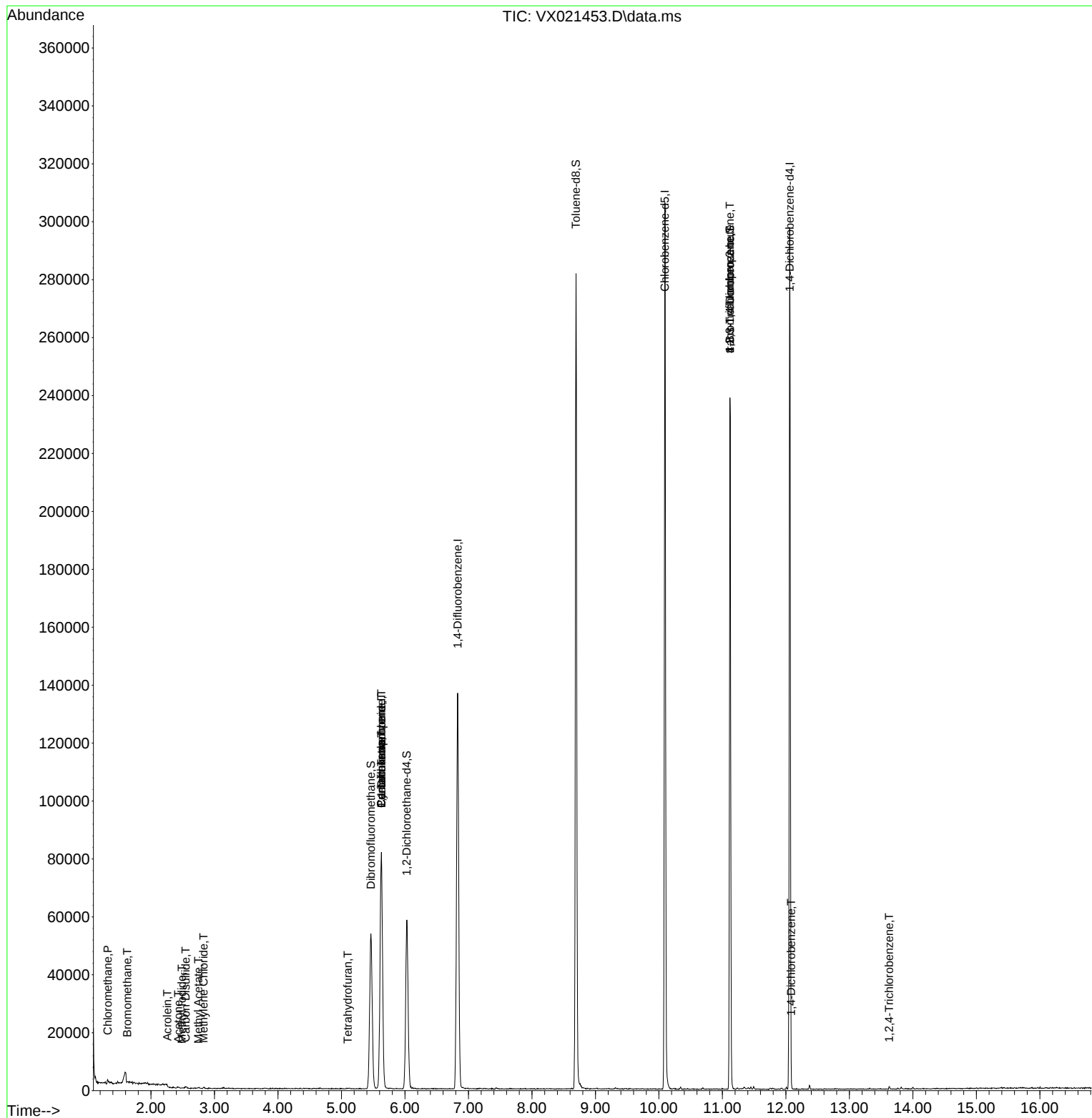
Internal Standards						
1) Pentafluorobenzene	5.629	168	70293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	126632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57563	49.22	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.44%
35) Dibromofluoromethane	5.464	113	43778	48.67	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.34%
50) Toluene-d8	8.694	98	157068	49.00	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.00%
62) 4-Bromofluorobenzene	11.118	95	62297	49.99	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.98%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1934	2.22	ug/l	97
5) Bromomethane	1.628	94	178	0.56	ug/l #	74
10) Methyl Iodide	2.487	142	124	6.83	ug/l #	61
13) Acrolein	2.258	56	44	4.74	ug/l #	78
16) Acetone	2.429	43	289	0.65	ug/l #	40
17) Carbon Disulfide	2.546	76	704	0.35	ug/l #	75
18) Methyl Acetate	2.746	43	361	0.28	ug/l #	47
20) Methylene Chloride	2.829	84	220	0.25	ug/l #	81
29) Tetrahydrofuran	5.100	42	189	0.43	ug/l #	27
31) Cyclohexane	5.629	56	2129	1.66	ug/l #	37
36) 1,1-Dichloropropene	5.629	75	6445	5.19	ug/l #	48
38) Carbon Tetrachloride	5.629	117	7989	5.99	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	35478	27.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	35478	84.66	ug/l #	12
88) 1,4-Dichlorobenzene	12.083	146	374	0.21	ug/l #	37
93) 1,2,4-Trichlorobenzene	13.624	180	282	0.26	ug/l #	76

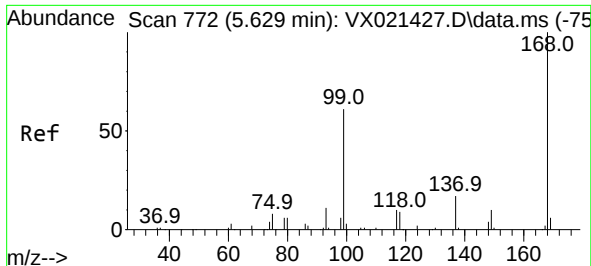
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
Data File : VX021453.D
Acq On : 24 Mar 2021 23:04
Operator : JC/MD
Sample : M1770-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 25 06:52:18 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

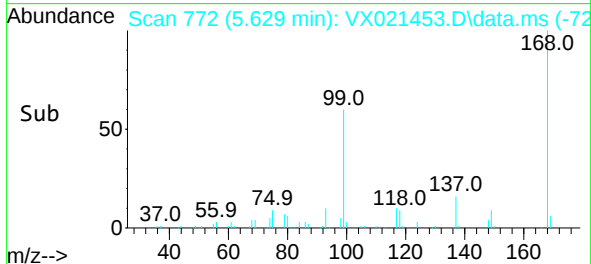
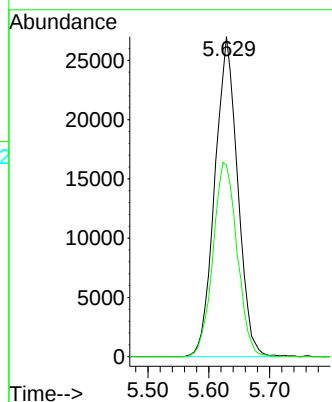
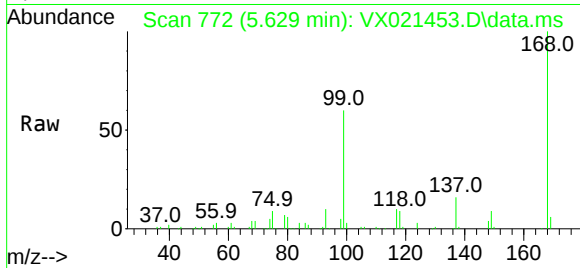




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

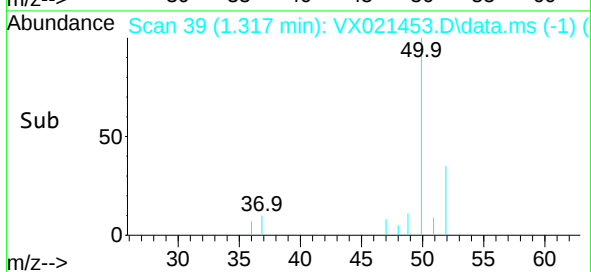
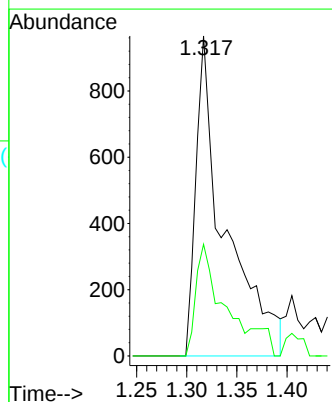
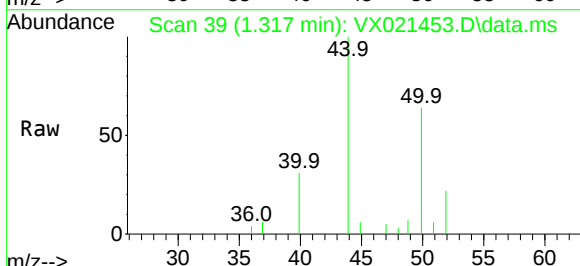
Instrument :
MSVOA_X
ClientSampleId :

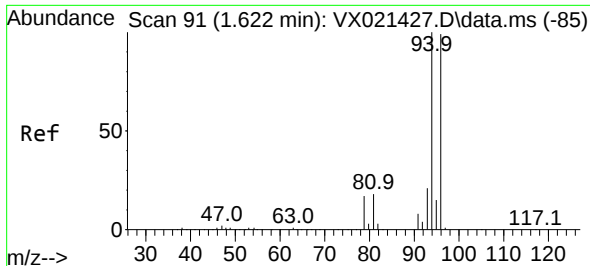
Tgt Ion:168 Resp: 70293
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 2.22 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Tgt Ion: 50 Resp: 1934
Ion Ratio Lower Upper
50 100
52 34.9 26.4 39.6

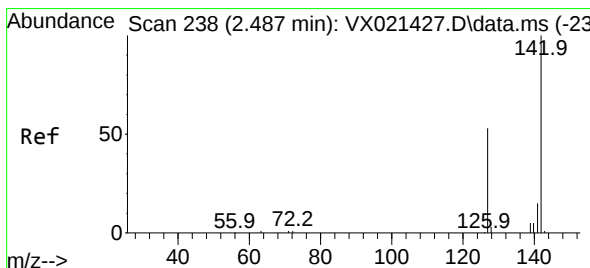
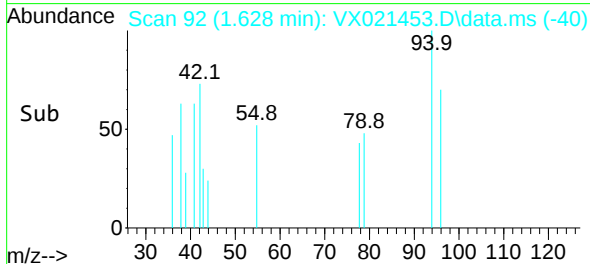
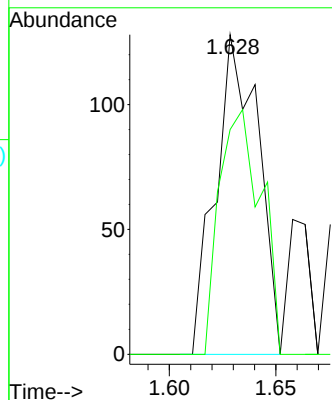
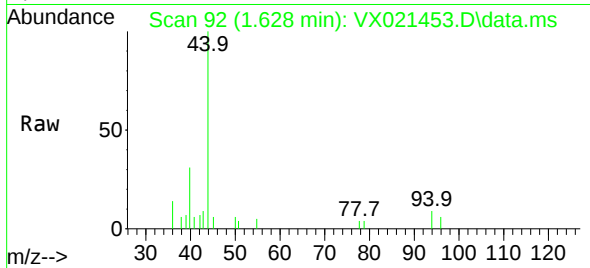




#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

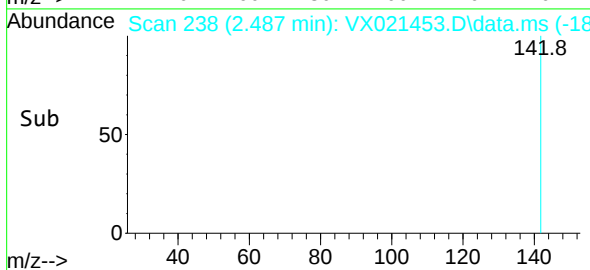
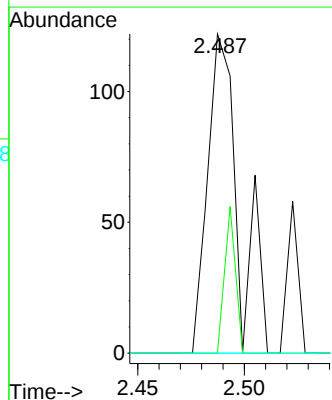
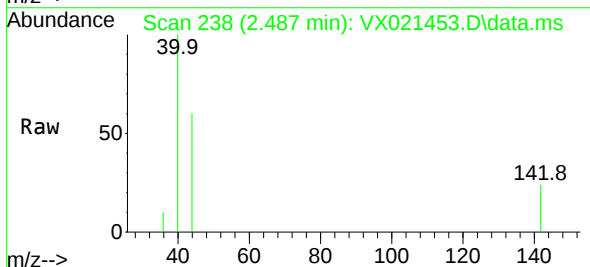
Instrument :
MSVOA_X
ClientSampleId :

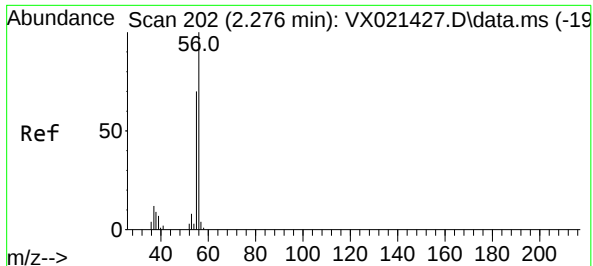
Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 70.3 76.4 114.6#



#10
Methyl Iodide
Concen: 6.83 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

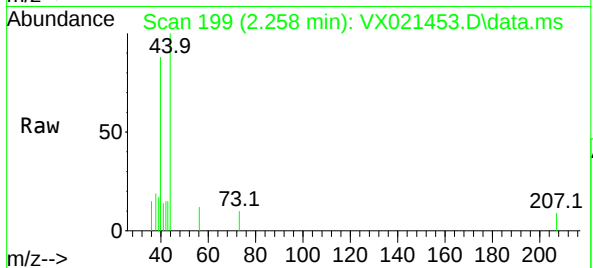
Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
142 100
127 16.1 33.3 49.9#
141 0.0 11.4 17.0#



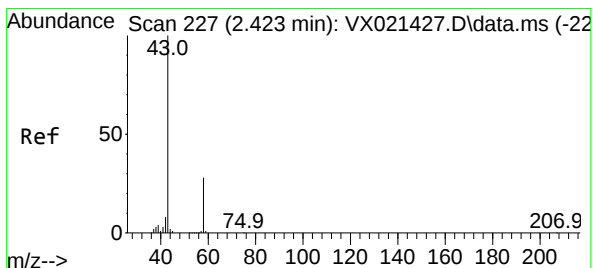
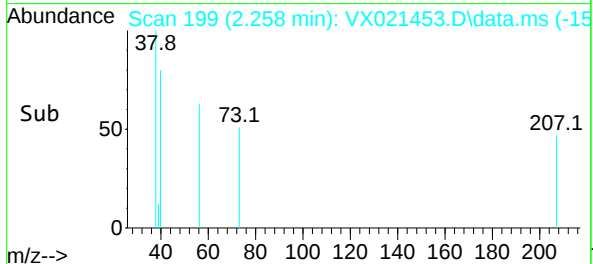
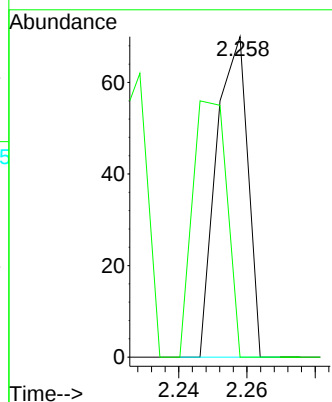


#13
Acrolein
Concen: 4.74 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Instrument :
MSVOA_X
ClientSampleId :

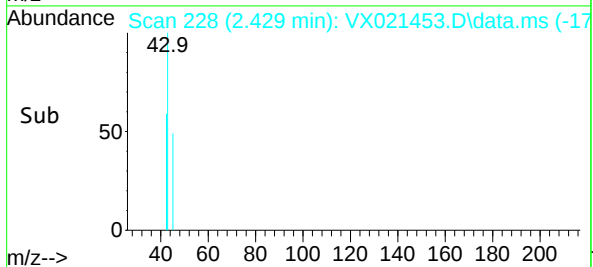
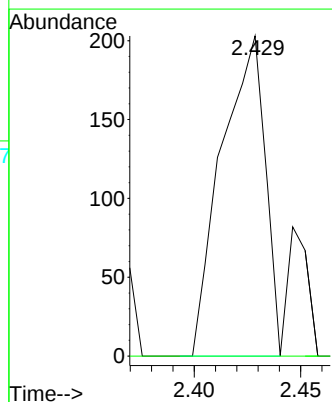
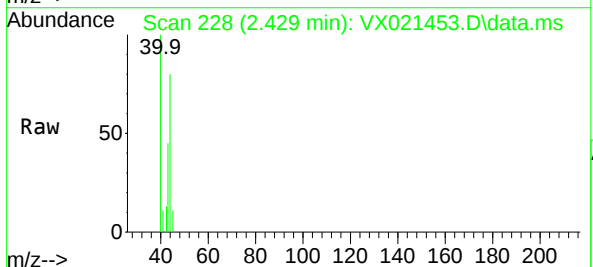


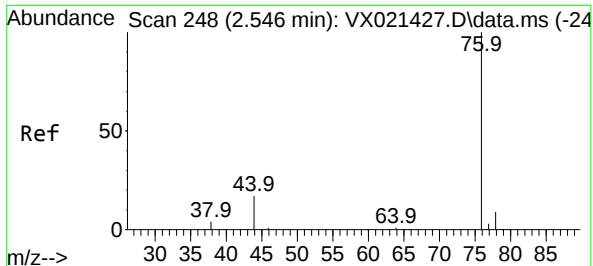
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 88.6 56.4 84.6#



#16
Acetone
Concen: 0.65 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





#17

Carbon Disulfide

Concen: 0.35 ug/l

RT: 2.546 min Scan# 248

Delta R.T. 0.000 min

Lab File: VX021453.D

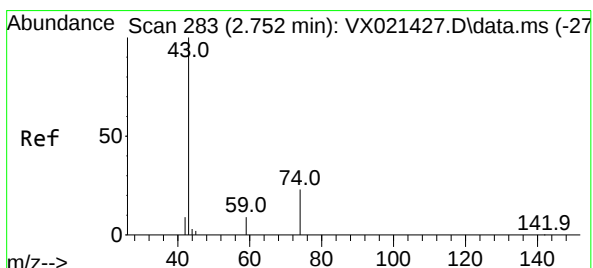
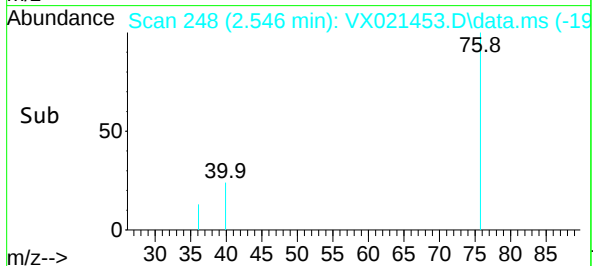
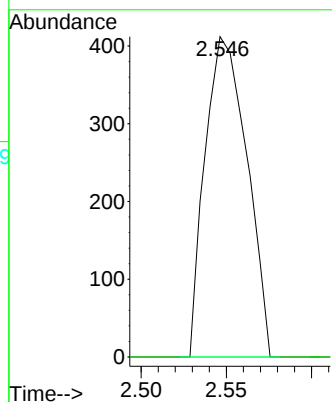
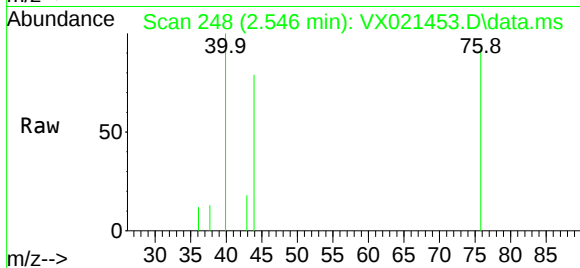
Acq: 24 Mar 2021 23:04

Tgt Ion: 76 Resp: 704

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.28 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX021453.D

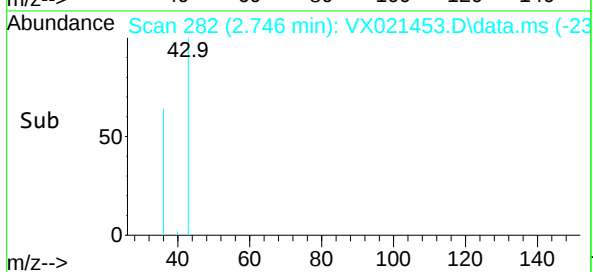
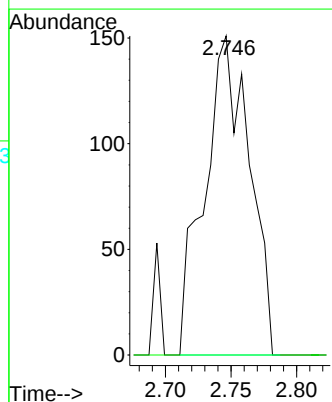
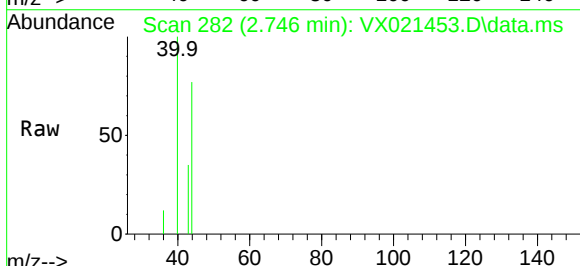
Acq: 24 Mar 2021 23:04

Tgt Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.25 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021453.D

Acq: 24 Mar 2021 23:04

Tgt Ion: 84 Resp: 220

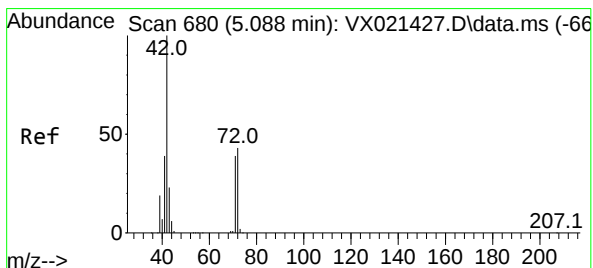
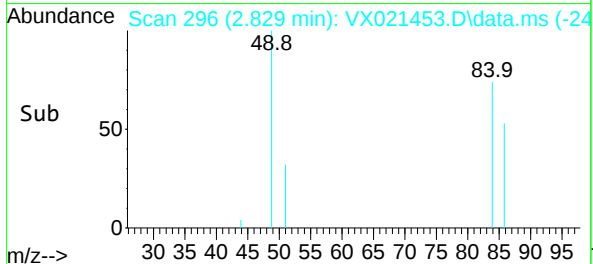
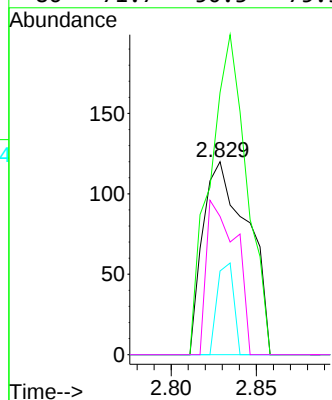
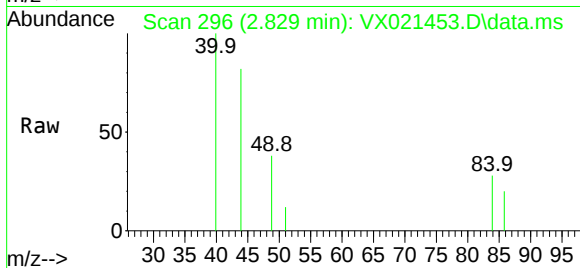
Ion Ratio Lower Upper

84 100

49 135.8 88.6 132.8#

51 43.3 27.0 40.6#

86 71.7 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 5.100 min Scan# 682

Delta R.T. 0.012 min

Lab File: VX021453.D

Acq: 24 Mar 2021 23:04

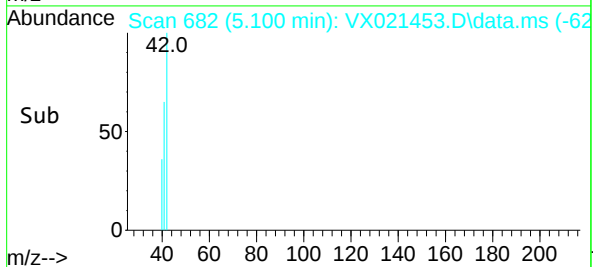
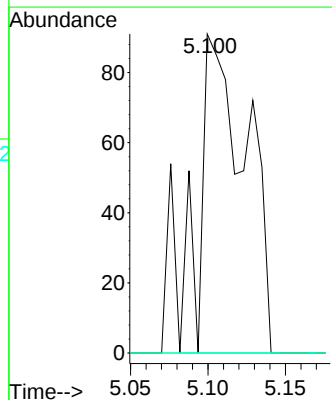
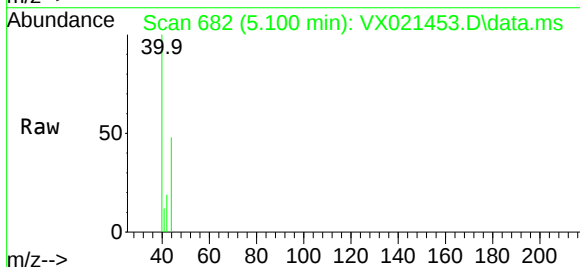
Tgt Ion: 42 Resp: 189

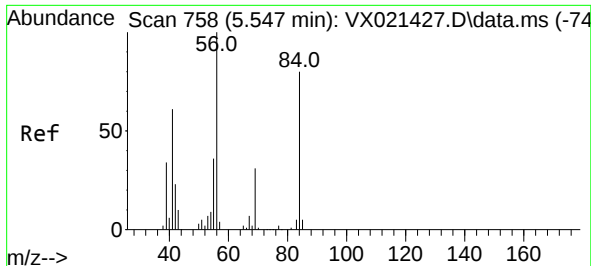
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 38.4 57.6#

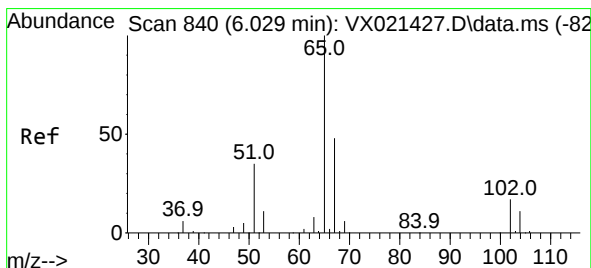
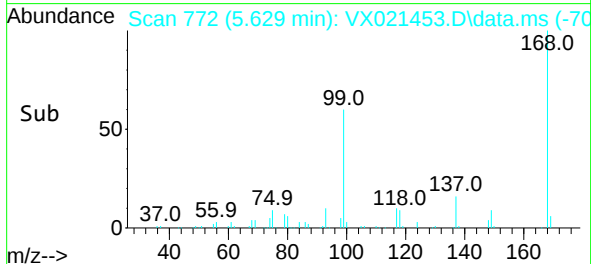
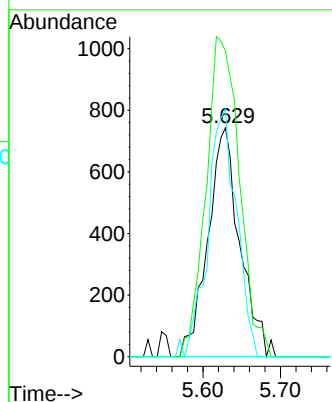
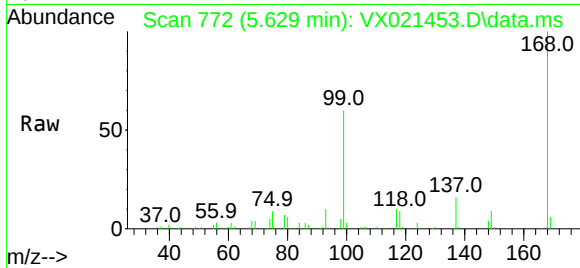




#31
Cyclohexane
Concen: 1.66 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

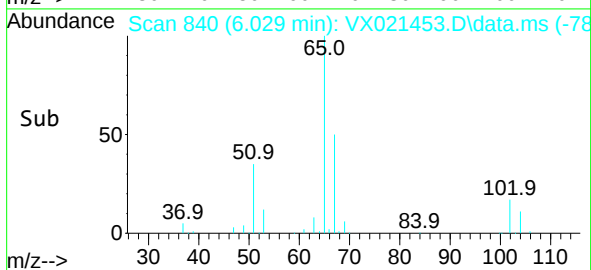
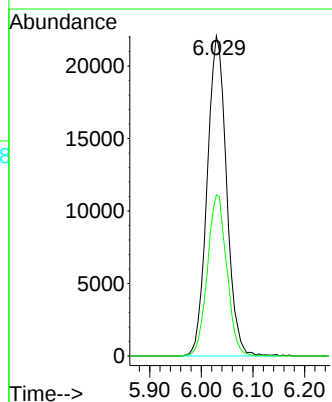
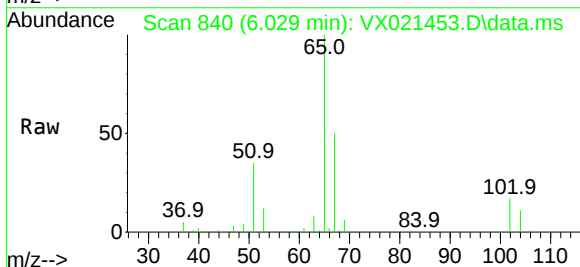
Instrument :
MSVOA_X
ClientSampled :

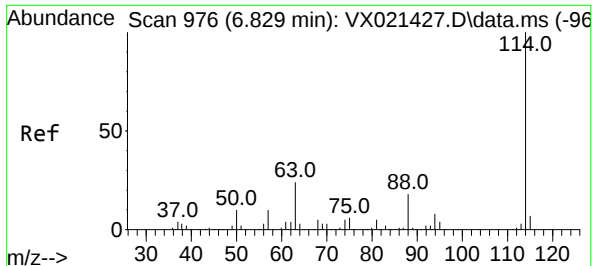
Tgt Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 133.5 25.3 37.9#
84 108.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.22 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Tgt Ion: 65 Resp: 57563
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

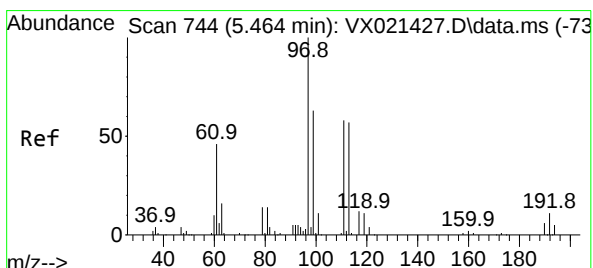
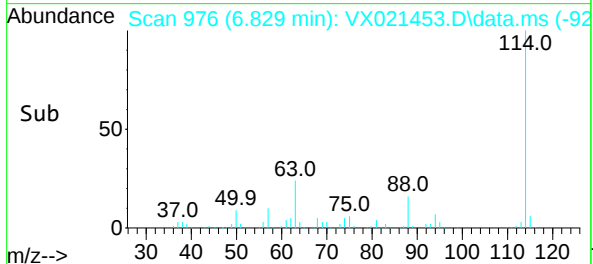
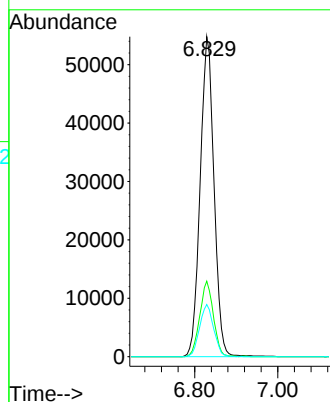
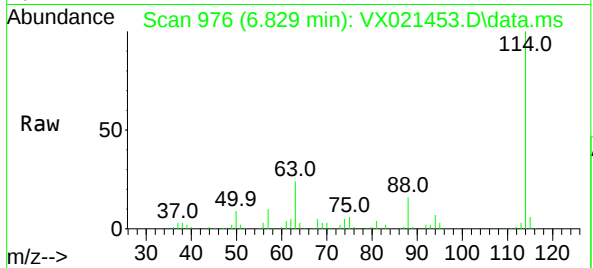




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

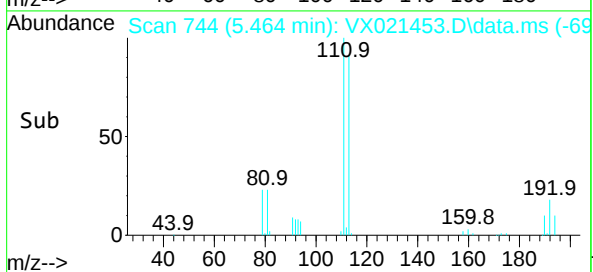
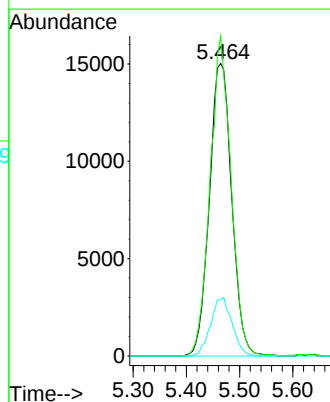
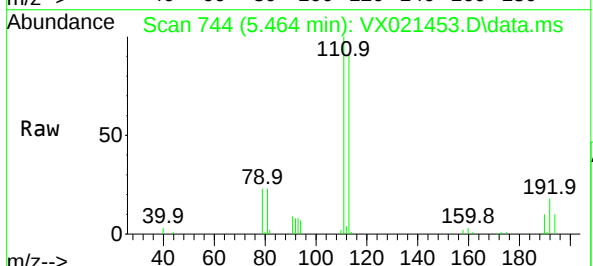
Instrument :
MSVOA_X
ClientSampled :

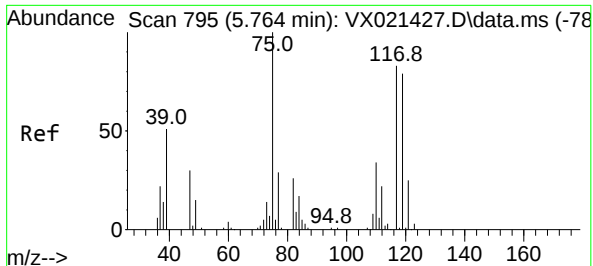
Tgt Ion:114 Resp: 126632
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.67 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Tgt Ion:113 Resp: 43778
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.1 16.7 25.1

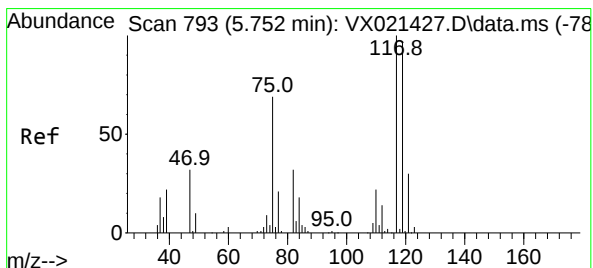
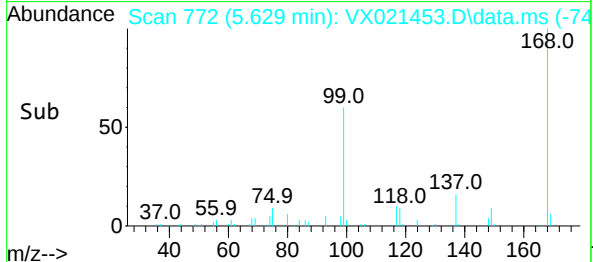
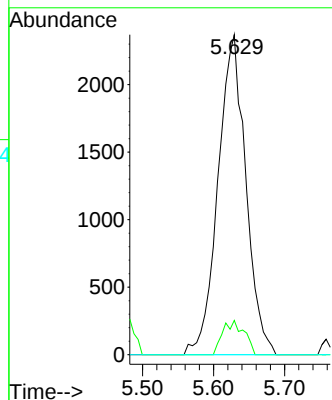
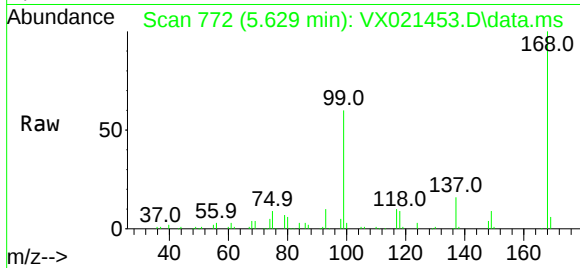




#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

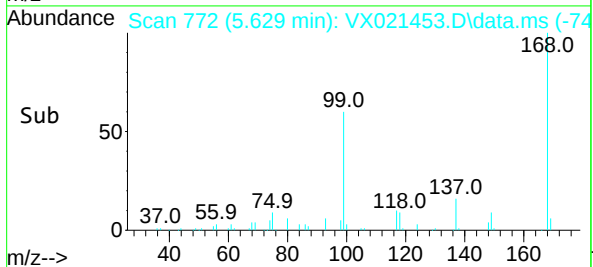
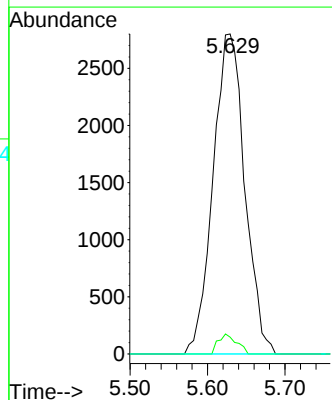
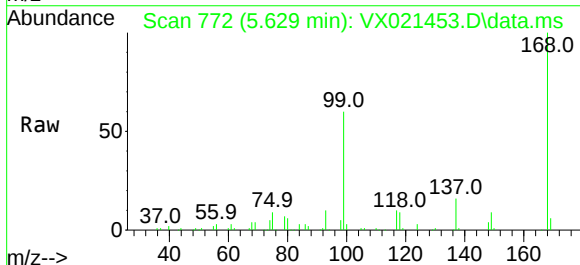
Instrument :
MSVOA_X
ClientSampled :

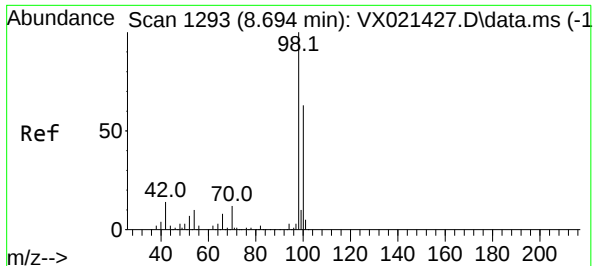
Tgt Ion: 75 Resp: 6445
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Tgt Ion: 117 Resp: 7989
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

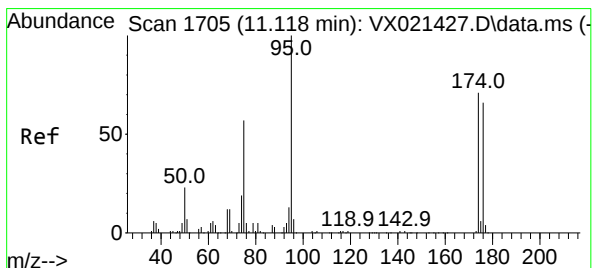
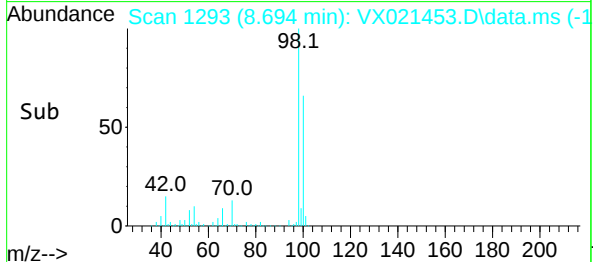
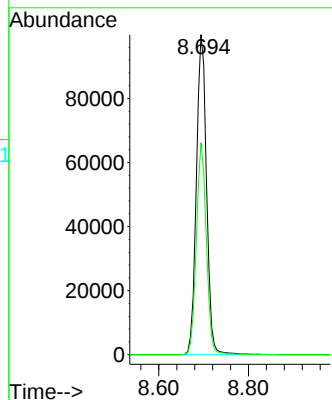
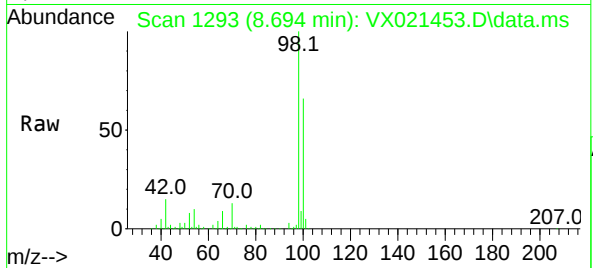




#50
Toluene-d8
Concen: 49.00 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

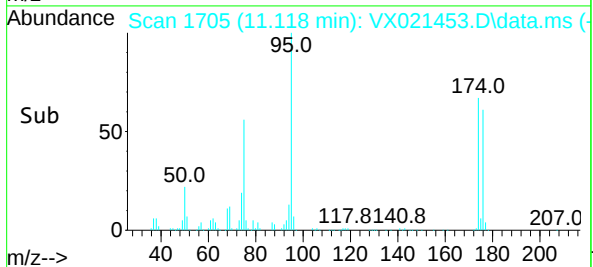
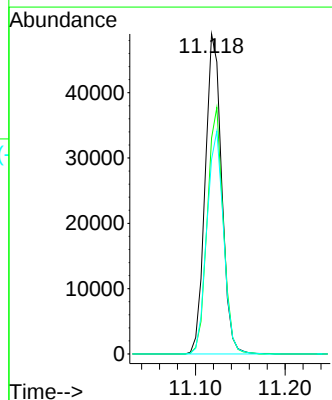
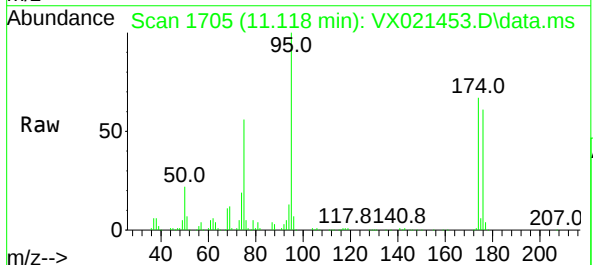
Instrument :
MSVOA_X
ClientSampled :

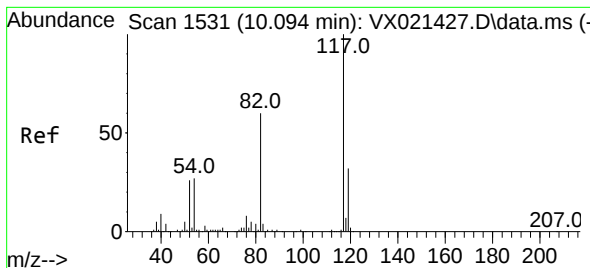
Tgt Ion: 98 Resp: 157068
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.99 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Tgt Ion: 95 Resp: 62297
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.6
176 70.6 0.0 155.8

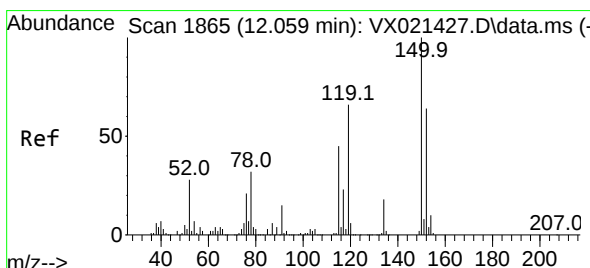
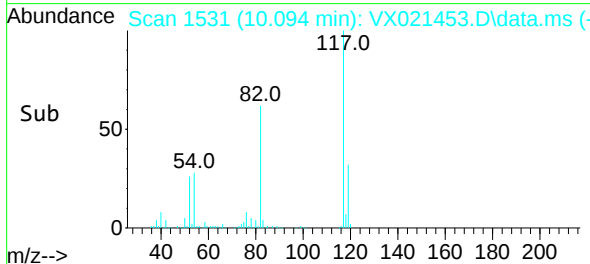
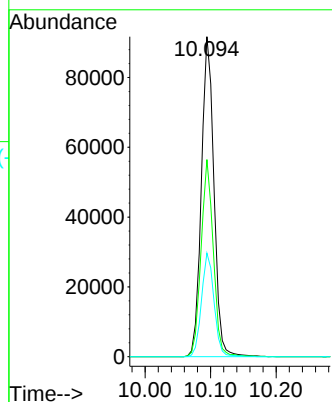
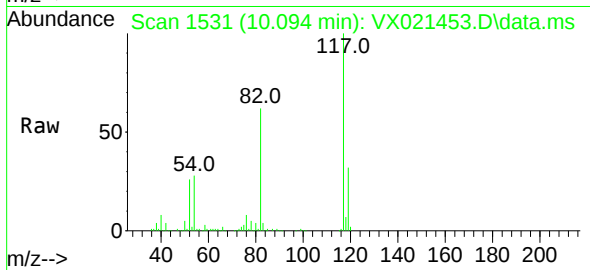




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

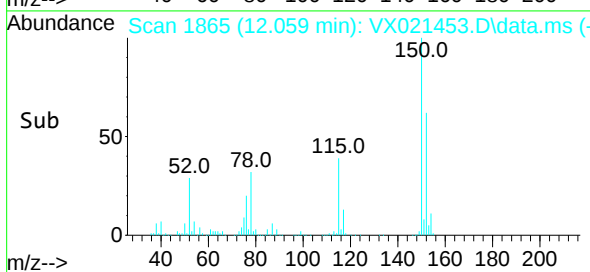
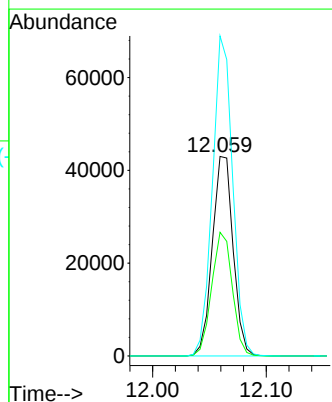
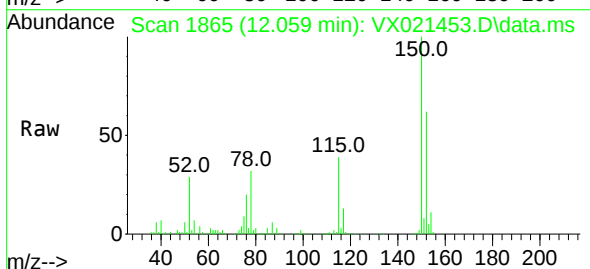
Instrument :
MSVOA_X
ClientSampled :

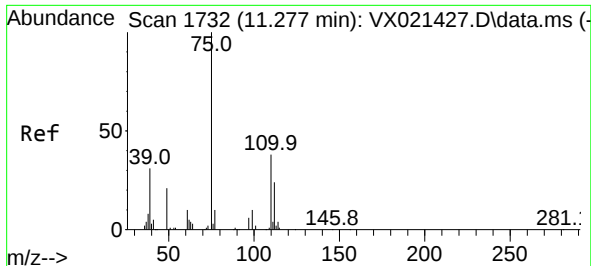
Tgt Ion:117 Resp: 122647
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

Tgt Ion:152 Resp: 54830
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 155.6 0.0 349.0

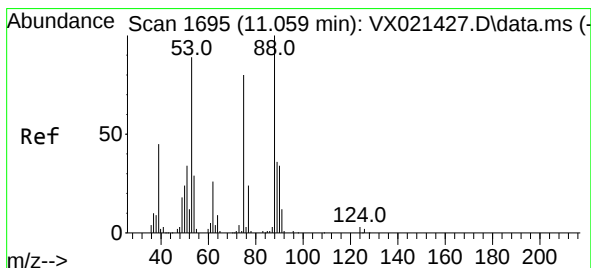
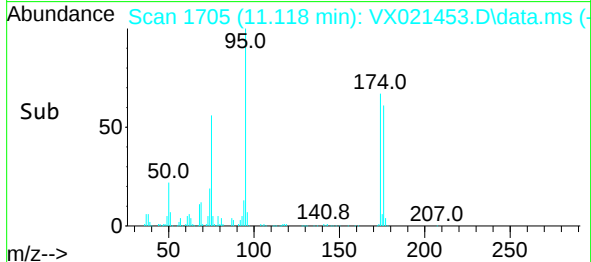
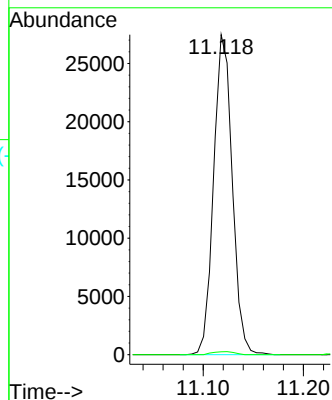
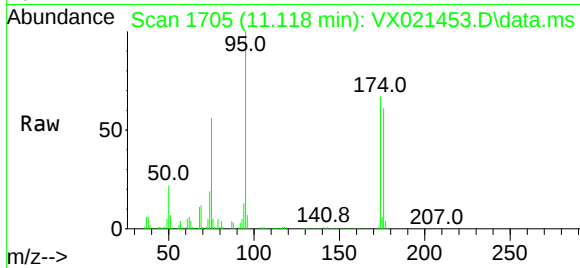




#76
1,2,3-Trichloropropane
Concen: 27.79 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

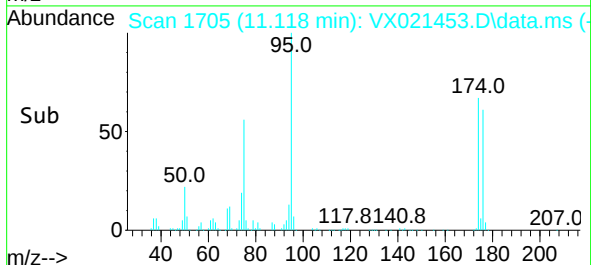
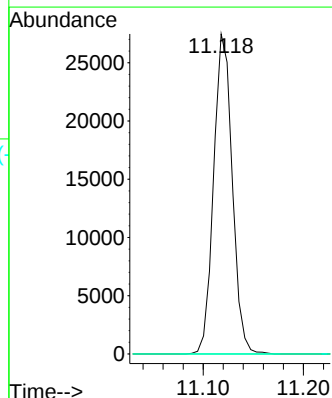
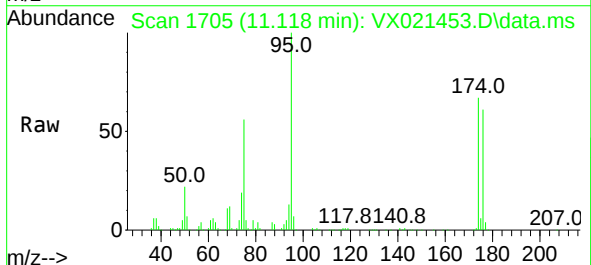
Instrument :
MSVOA_X
ClientSampleId :

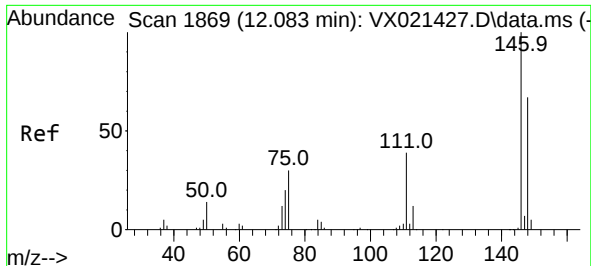
Tgt Ion: 75 Resp: 35478
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.66 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

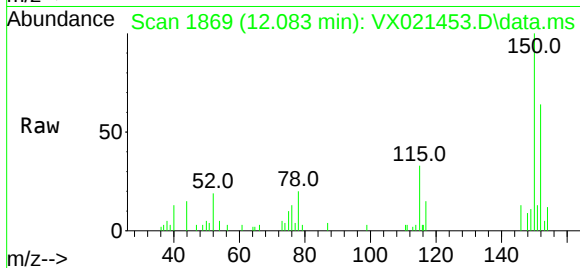
Tgt Ion: 75 Resp: 35478
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



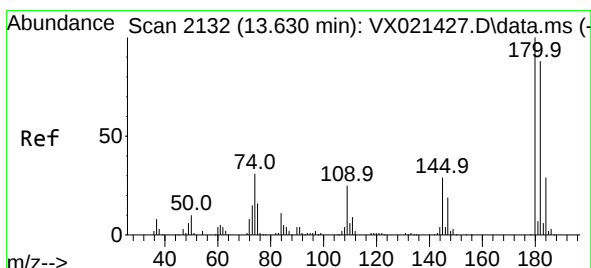
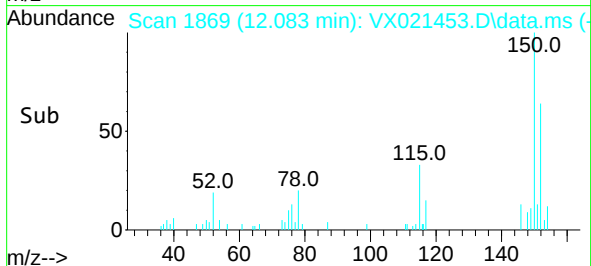
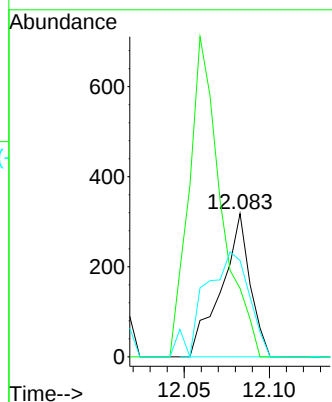


#88
1,4-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04

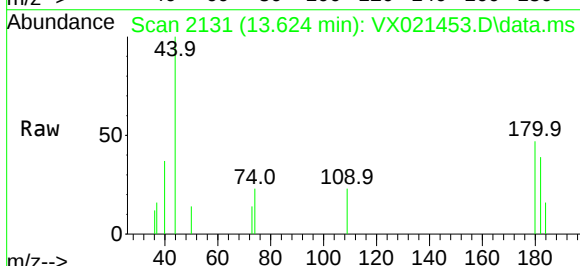
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:146 Resp: 374
Ion Ratio Lower Upper
146 100
111 0.0 19.6 58.8#
148 112.0 31.6 95.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.26 ug/l
RT: 13.624 min Scan# 2131
Delta R.T. -0.006 min
Lab File: VX021453.D
Acq: 24 Mar 2021 23:04



Tgt Ion:180 Resp: 282
Ion Ratio Lower Upper
180 100
182 73.8 47.7 143.1
145 14.2 15.0 45.0#

