

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021586.D
 Acq On : 29 Mar 2021 18:47
 Operator : JC/MD
 Sample : M1862-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 30 03:31:29 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)

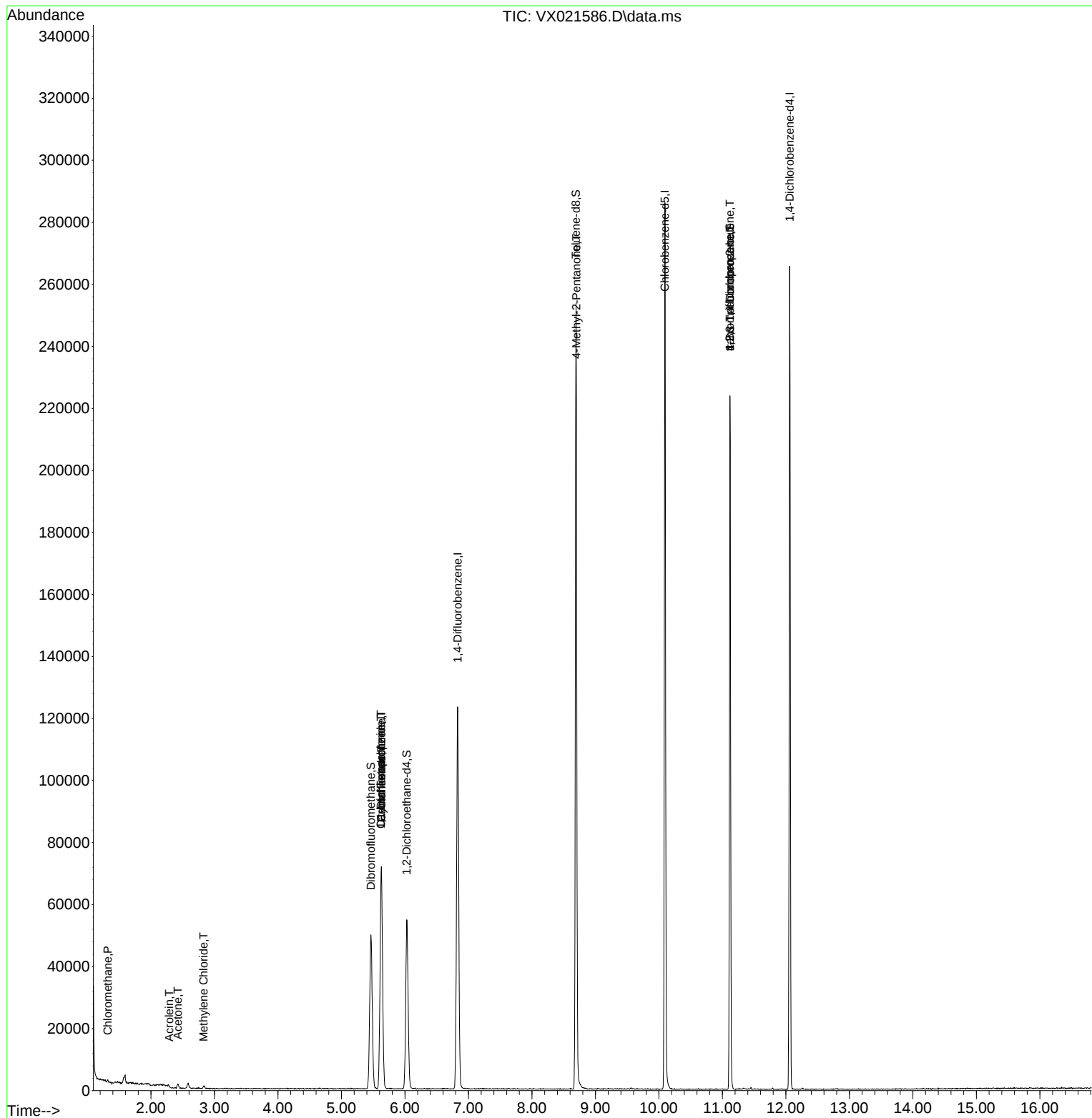
Internal Standards						
1) Pentafluorobenzene	5.629	168	60084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53113	53.13	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.26%
35) Dibromofluoromethane	5.464	113	40313	49.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.50%
50) Toluene-d8	8.694	98	144250	49.95	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.90%
62) 4-Bromofluorobenzene	11.118	95	57133	50.89	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.78%
Target Compounds						
3) Chloromethane	1.317	50	1296	1.75	ug/l	90
13) Acrolein	2.287	56	38	4.75	ug/l #	1
16) Acetone	2.423	43	1464	3.87	ug/l #	84
20) Methylene Chloride	2.829	84	339	0.46	ug/l #	87
31) Cyclohexane	5.629	56	1741	1.58	ug/l #	30
36) 1,1-Dichloropropene	5.623	75	5399	4.83	ug/l #	50
38) Carbon Tetrachloride	5.623	117	6643	5.53	ug/l #	19
51) 4-Methyl-2-Pentanone	8.700	43	871	0.67	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	32393	28.38	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32393	86.43	ug/l #	12

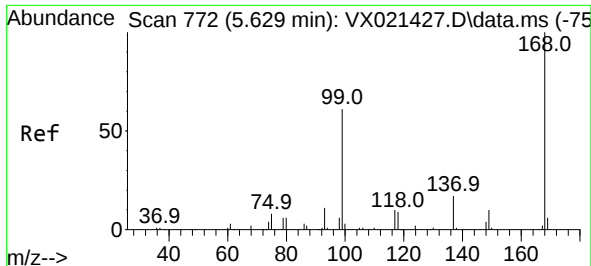
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

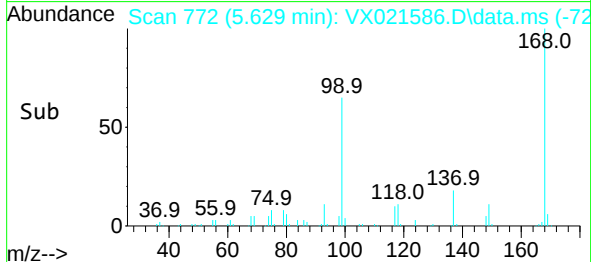
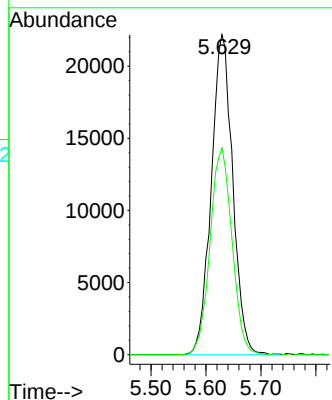
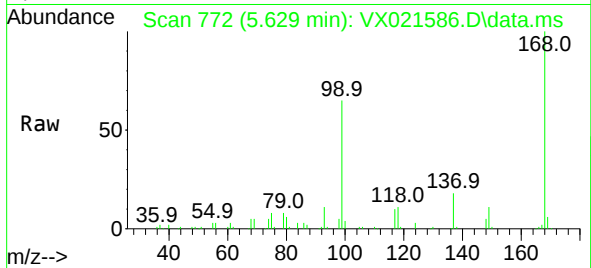




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

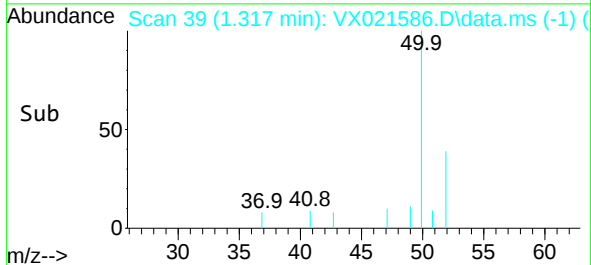
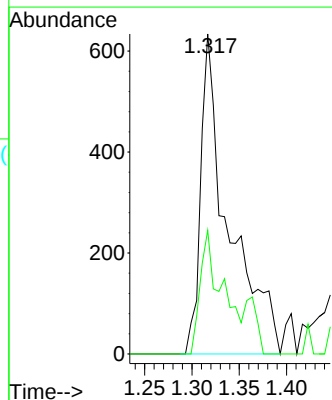
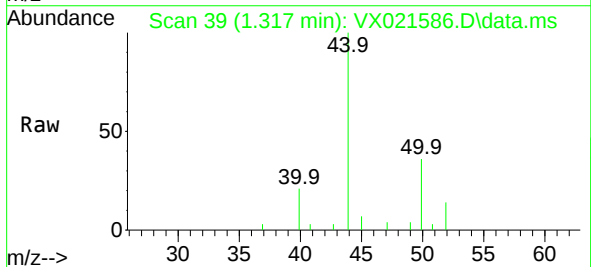
Instrument :
MSVOA_X
ClientSampleId :

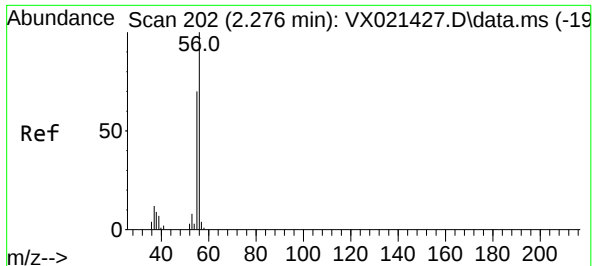
Tgt Ion:168 Resp: 60084
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#3
Chloromethane
Concen: 1.75 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

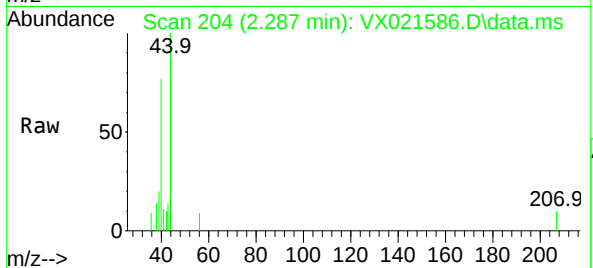
Tgt Ion: 50 Resp: 1296
Ion Ratio Lower Upper
50 100
52 38.6 26.4 39.6



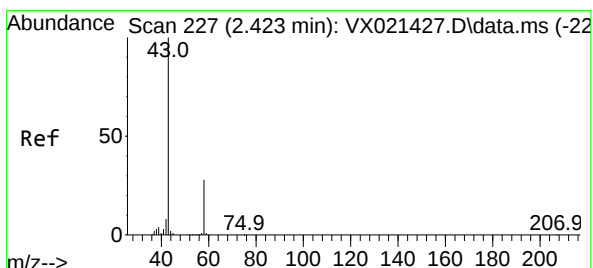
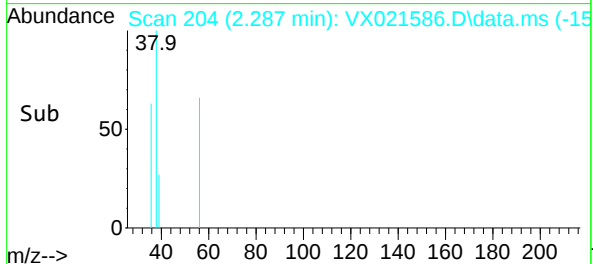
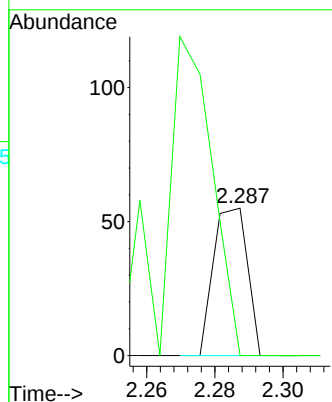


#13
Acrolein
Concen: 4.75 ug/l
RT: 2.287 min Scan# 204
Delta R.T. 0.011 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampled :

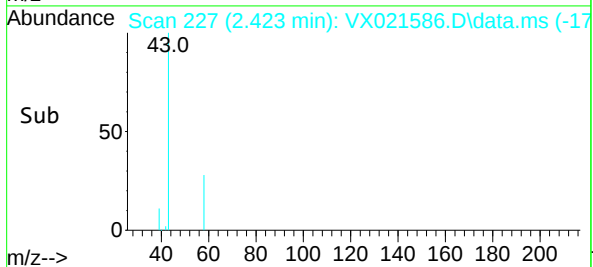
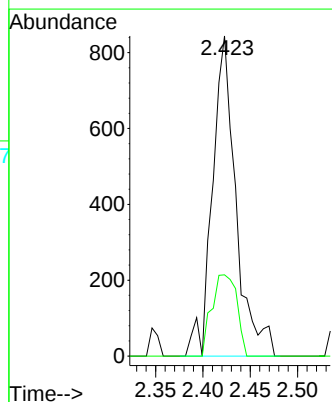
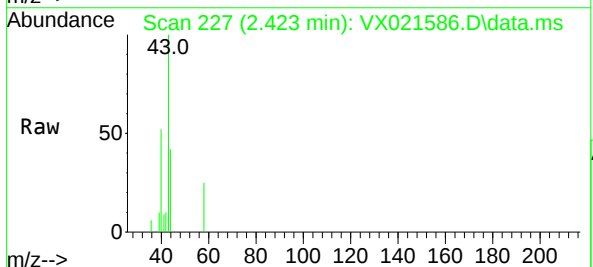


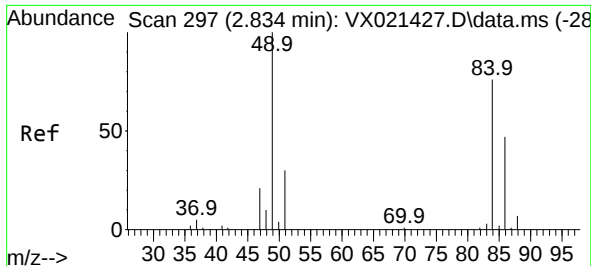
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 307.9 56.4 84.6#



#16
Acetone
Concen: 3.87 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#





#20

Methylene Chloride

Concen: 0.46 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021586.D

Acq: 29 Mar 2021 18:47

Tgt Ion: 84 Resp: 339

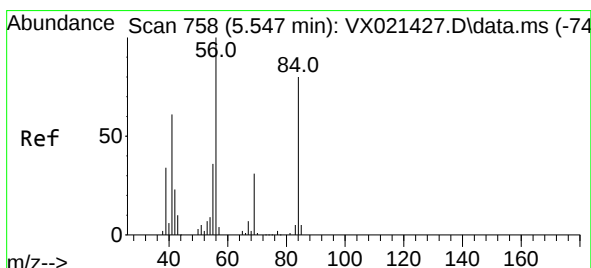
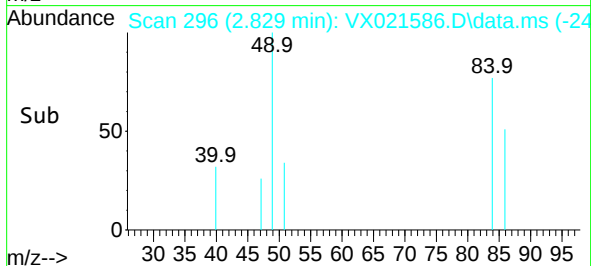
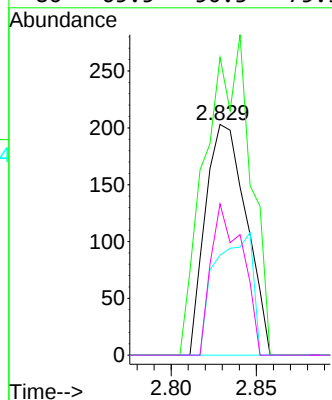
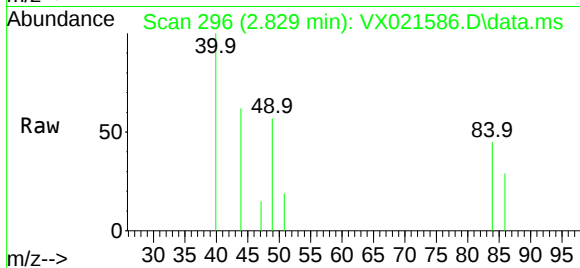
Ion Ratio Lower Upper

84 100

49 129.1 88.6 132.8

51 43.3 27.0 40.6#

86 65.5 50.3 75.5



#31

Cyclohexane

Concen: 1.58 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021586.D

Acq: 29 Mar 2021 18:47

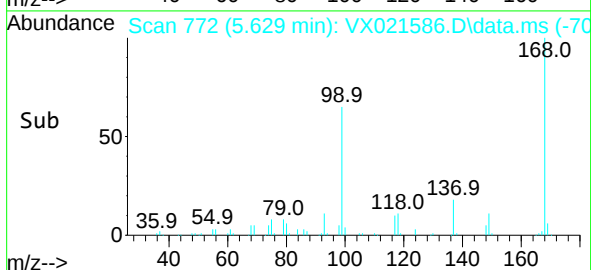
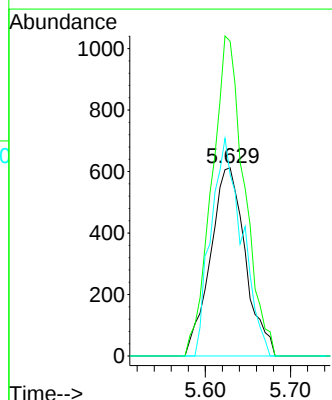
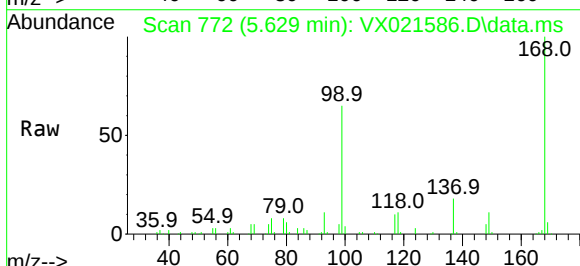
Tgt Ion: 56 Resp: 1741

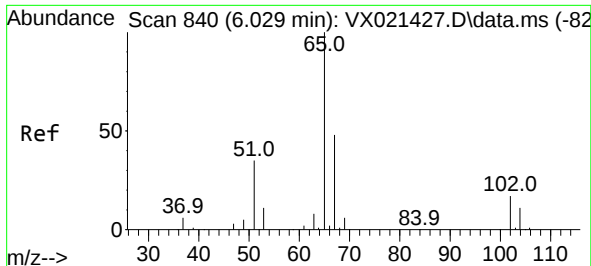
Ion Ratio Lower Upper

56 100

69 167.3 25.3 37.9#

84 96.4 71.4 107.0

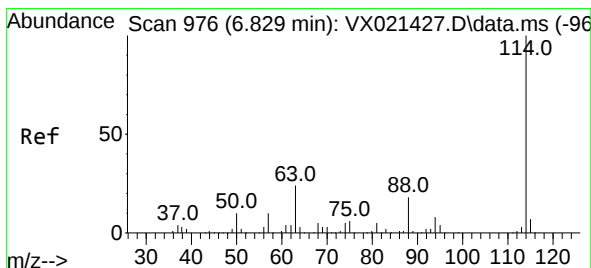
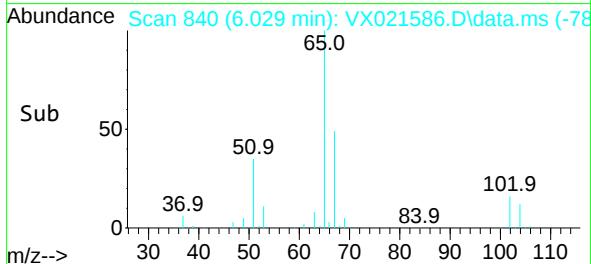
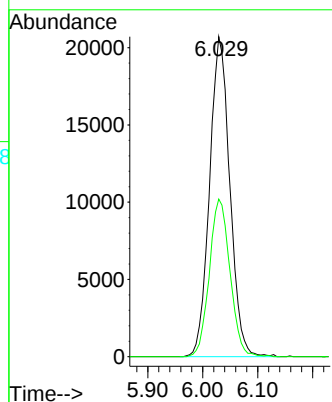
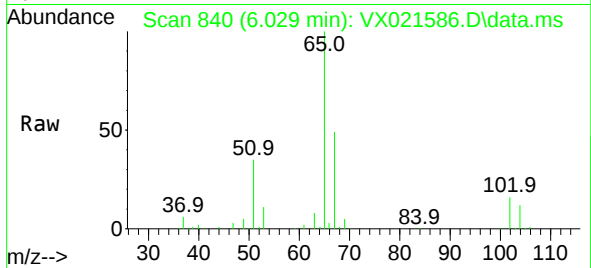




#33
 1,2-Dichloroethane-d4
 Concen: 53.13 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021586.D
 Acq: 29 Mar 2021 18:47

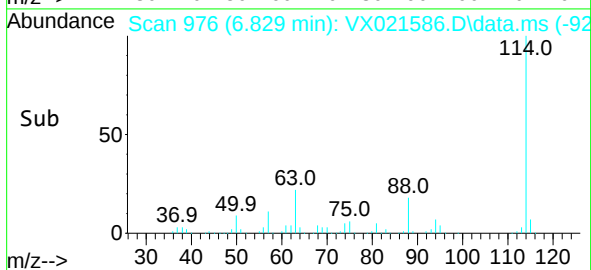
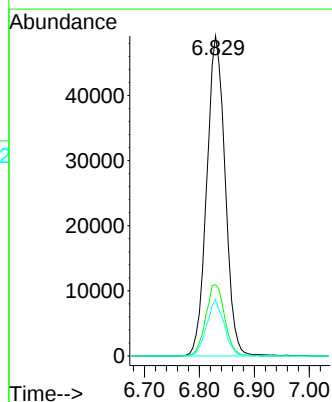
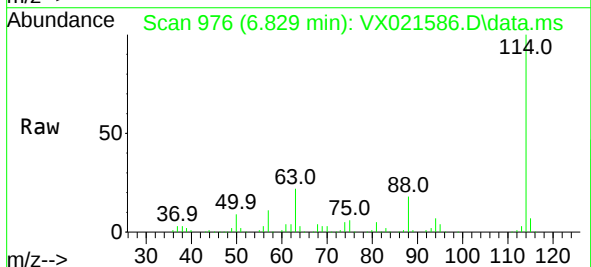
Instrument :
 MSVOA_X
 ClientSampled :

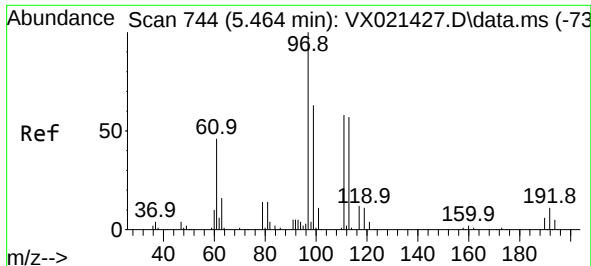
Tgt Ion: 65 Resp: 53113
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021586.D
 Acq: 29 Mar 2021 18:47

Tgt Ion: 114 Resp: 114078
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 40.8
 88 17.6 0.0 32.8

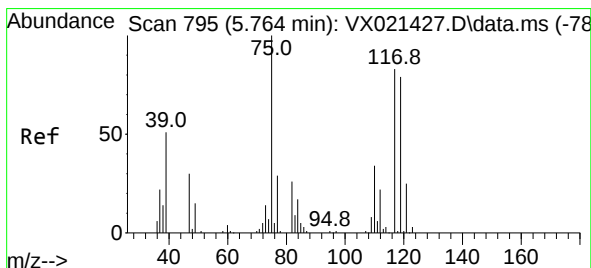
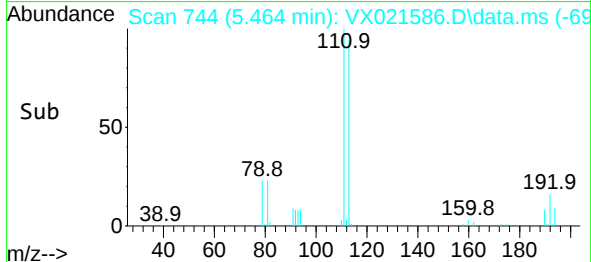
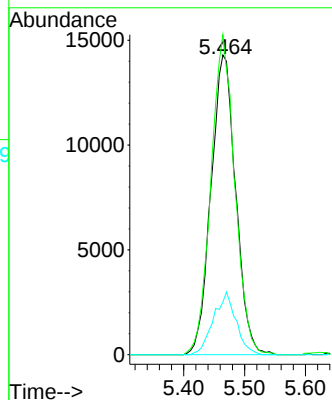
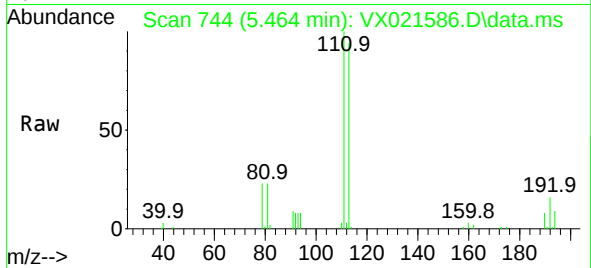




#35
Dibromofluoromethane
Concen: 49.75 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

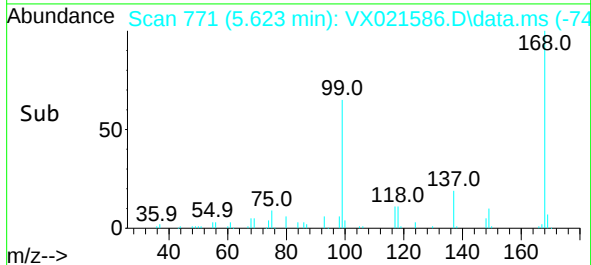
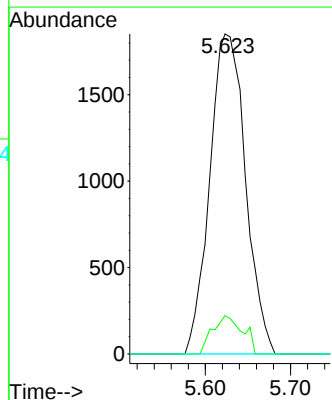
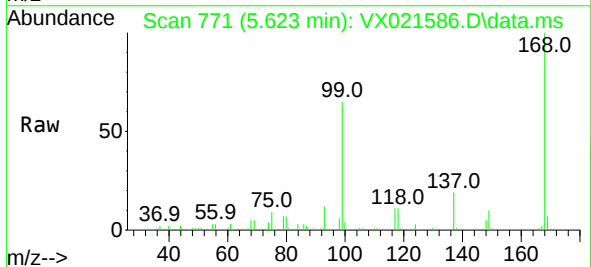
Instrument :
MSVOA_X
ClientSampleId :

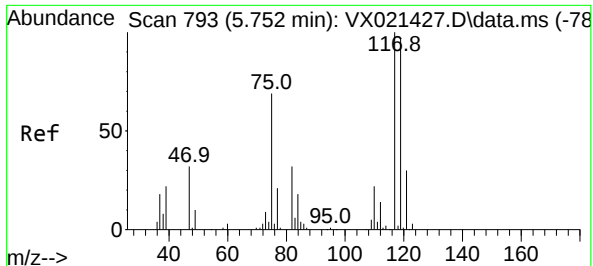
Tgt Ion:113 Resp: 40313
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

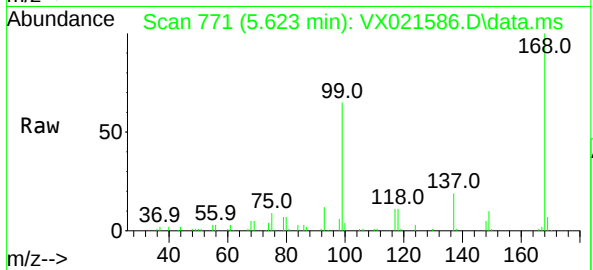
Tgt Ion: 75 Resp: 5399
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



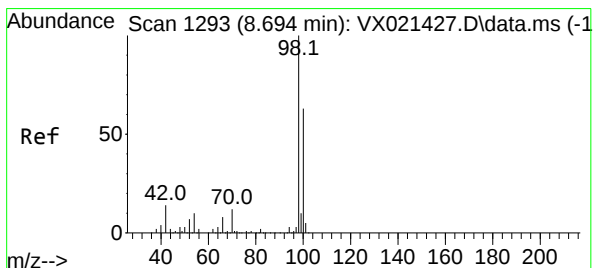
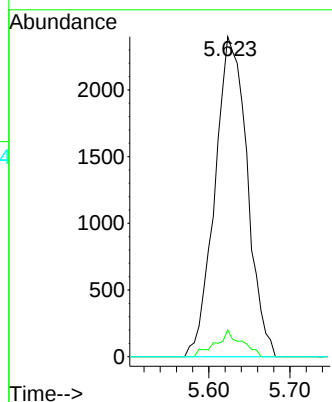
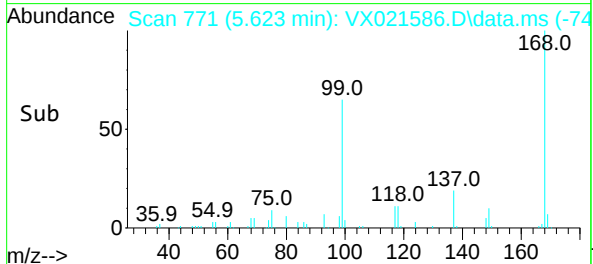


#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

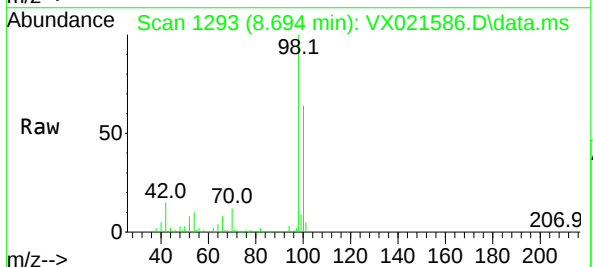
Instrument :
MSVOA_X
ClientSampleId :



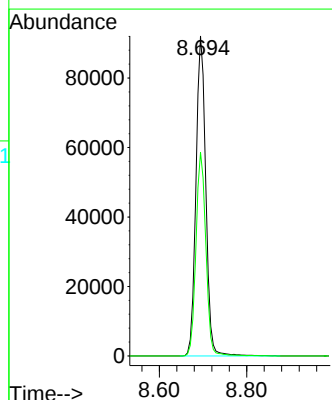
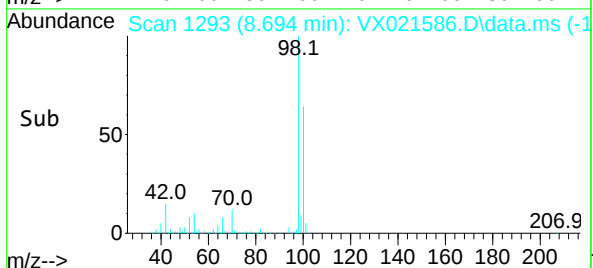
Tgt Ion:117 Resp: 6643
Ion Ratio Lower Upper
117 100
119 8.3 76.2 114.2#
121 0.0 24.8 37.2#

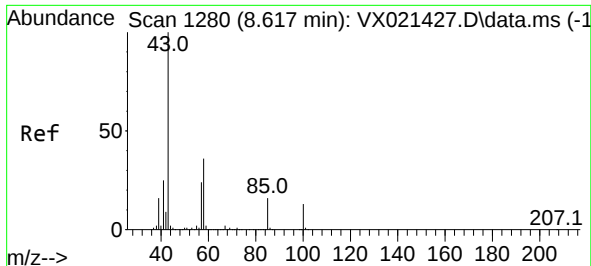


#50
Toluene-d8
Concen: 49.95 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47



Tgt Ion: 98 Resp: 144250
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

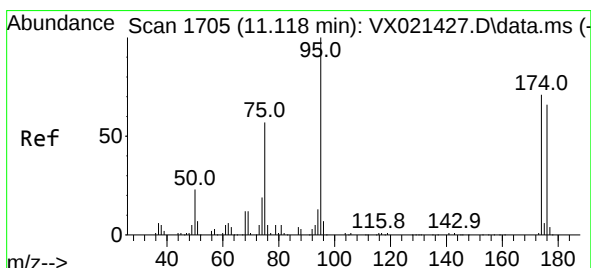
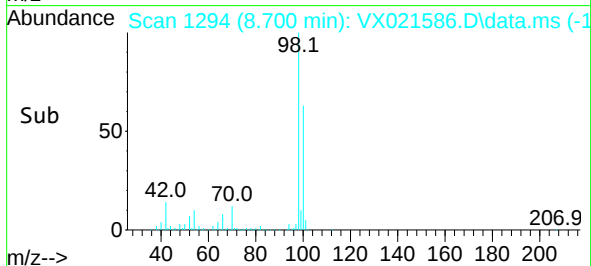
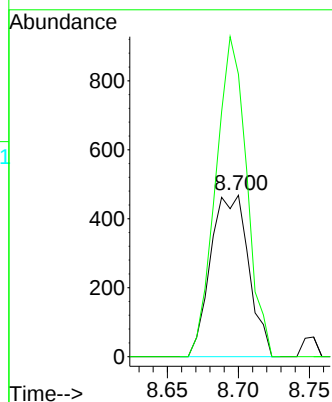
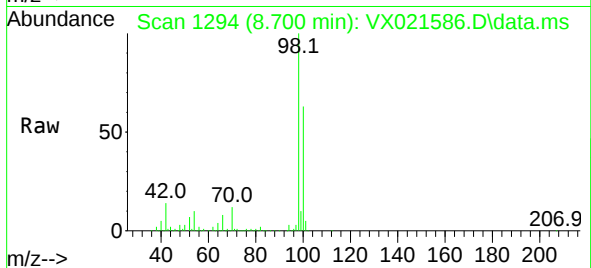




#51
4-Methyl-2-Pentanone
Concen: 0.67 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

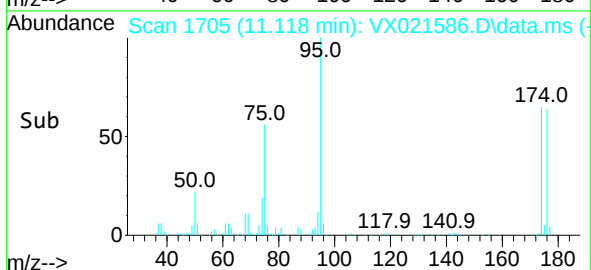
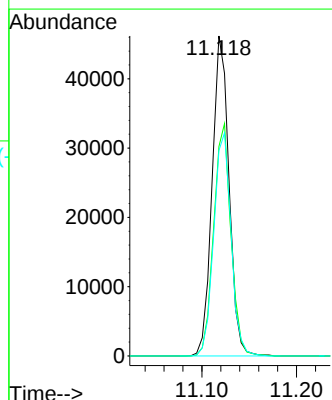
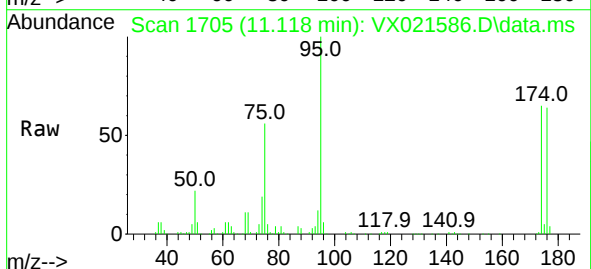
Instrument :
MSVOA_X
ClientSampled :

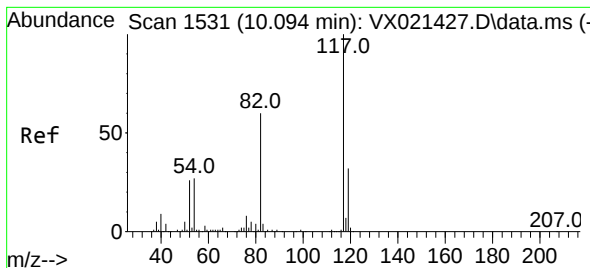
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 162.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 50.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

Tgt Ion: 95 Resp: 57133
Ion Ratio Lower Upper
95 100
174 74.0 0.0 154.6
176 71.6 0.0 155.8

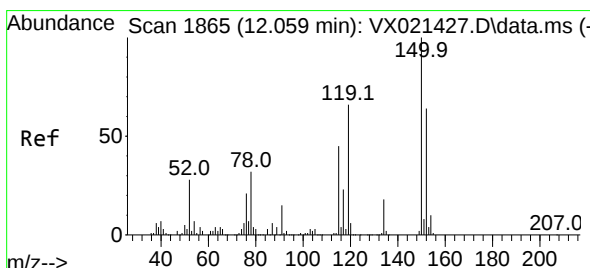
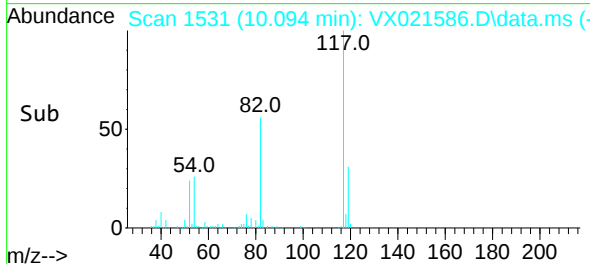
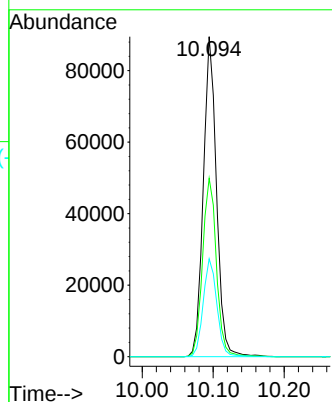
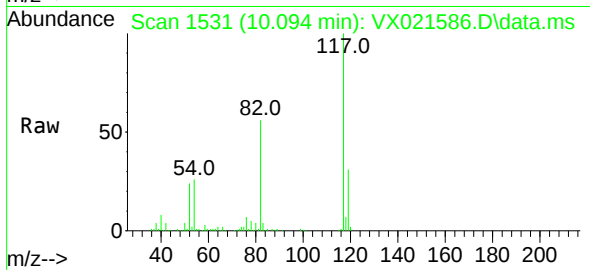




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

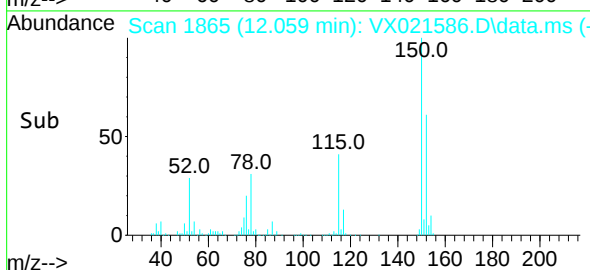
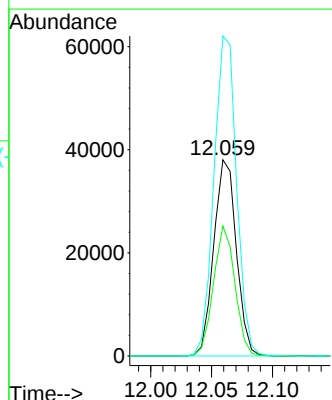
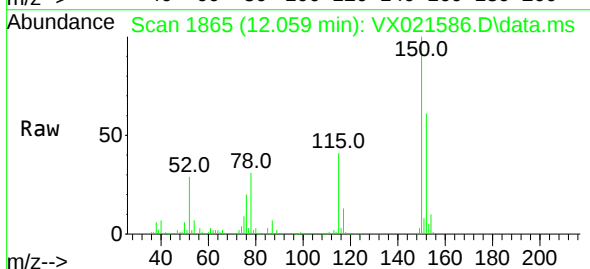
Instrument :
MSVOA_X
ClientSampled :

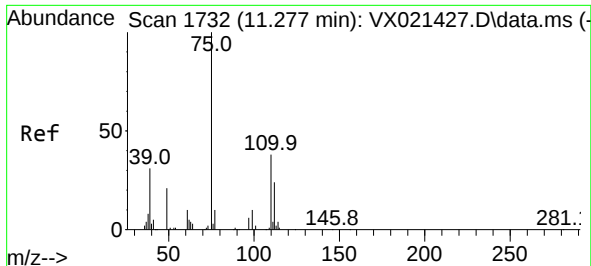
Tgt Ion:117 Resp: 115963
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 30.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

Tgt Ion:152 Resp: 49036
Ion Ratio Lower Upper
152 100
115 62.9 41.1 123.3
150 163.6 0.0 349.0

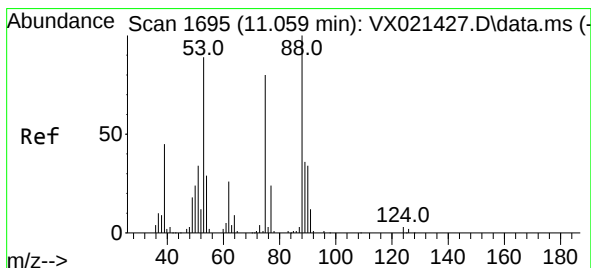
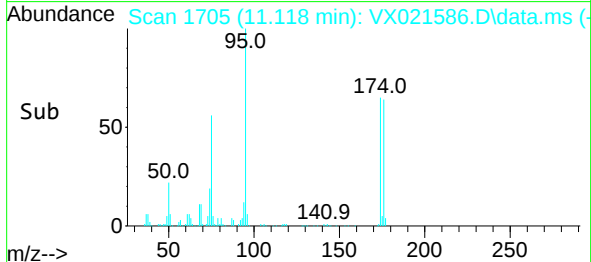
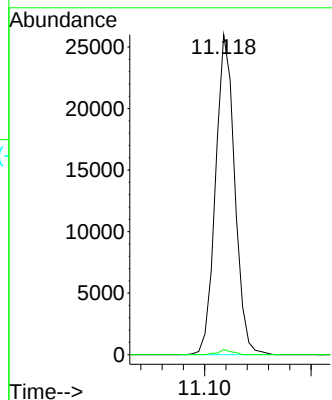
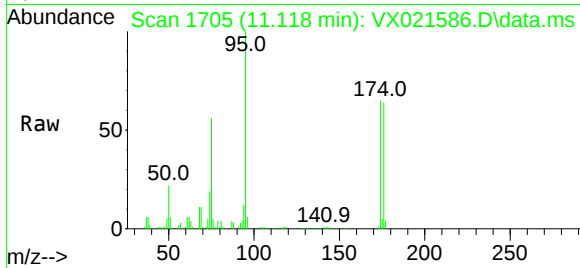




#76
1,2,3-Trichloropropane
Concen: 28.38 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 32393
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.43 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021586.D
Acq: 29 Mar 2021 18:47

Tgt Ion: 75 Resp: 32393
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

