

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021799.D
 Acq On : 21 Apr 2021 17:43
 Operator : JC/MD
 Sample : M2114-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 22 09:00:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

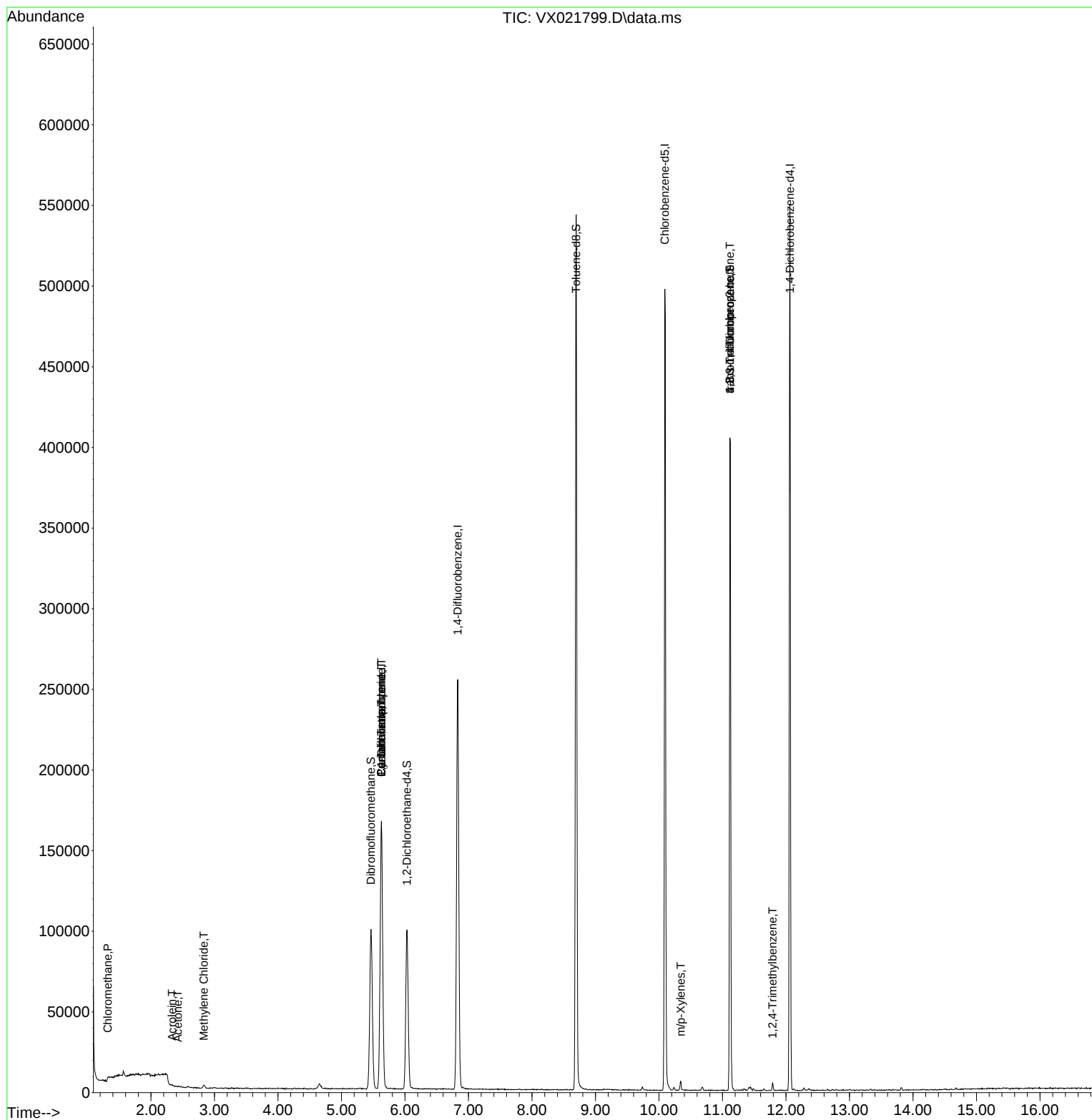
Internal Standards						
1) Pentafluorobenzene	5.629	168	163985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	279734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	252367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	115583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	94225	50.65	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.30%
35) Dibromofluoromethane	5.465	113	88128	49.26	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.52%
50) Toluene-d8	8.696	98	335952	48.84	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.68%
62) 4-Bromofluorobenzene	11.116	95	117946	45.92	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.84%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1428	0.99	ug/l #	84
13) Acrolein	2.331	56	179	0.54	ug/l #	75
16) Acetone	2.422	43	456	0.71	ug/l	100
20) Methylene Chloride	2.831	84	938	0.49	ug/l	98
31) Cyclohexane	5.629	56	2982	1.14	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11335	4.59	ug/l #	50
38) Carbon Tetrachloride	5.629	117	15544	5.75	ug/l #	15
68) m/p-Xylenes	10.342	106	1261	0.36	ug/l	78
76) 1,2,3-Trichloropropane	11.116	75	54091	23.60	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	54091	54.27	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.787	105	2166	0.31	ug/l	98

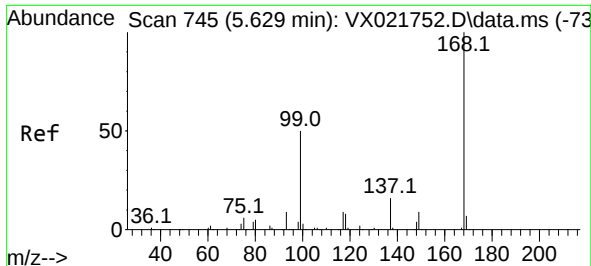
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
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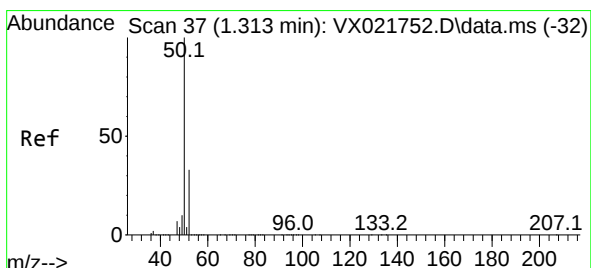
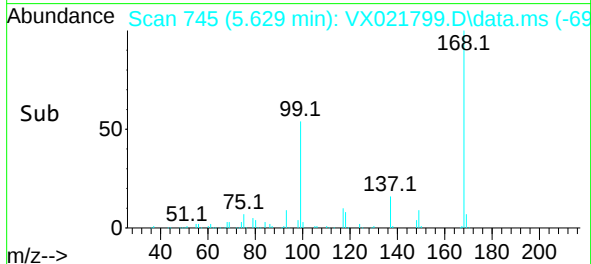
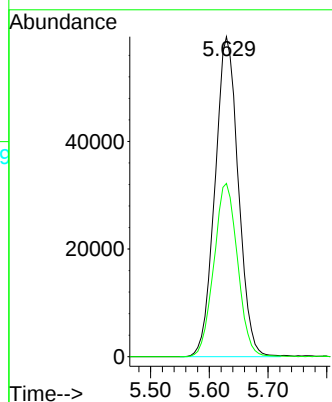
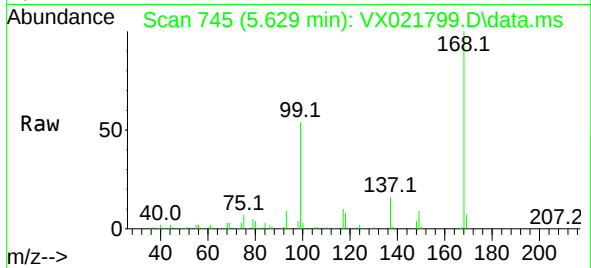




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

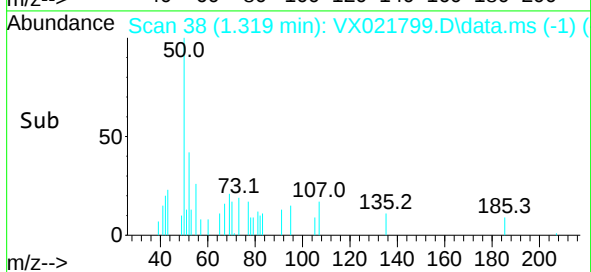
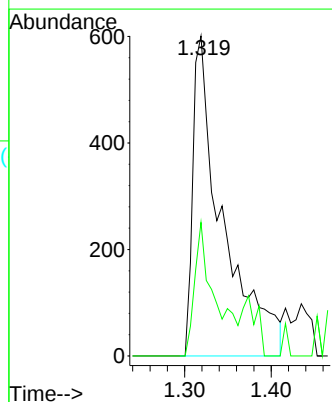
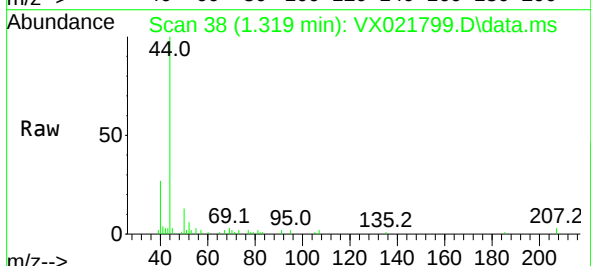
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

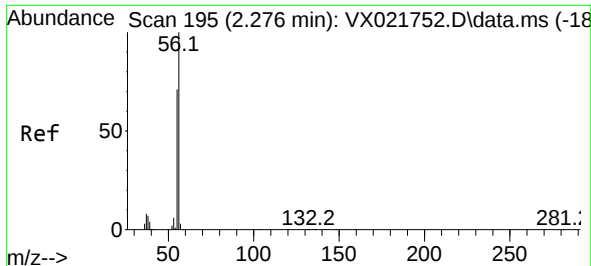
Tgt Ion:168 Resp: 163985
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#3
Chloromethane
Concen: 0.99 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 50 Resp: 1428
Ion Ratio Lower Upper
50 100
52 41.8 26.4 39.6#

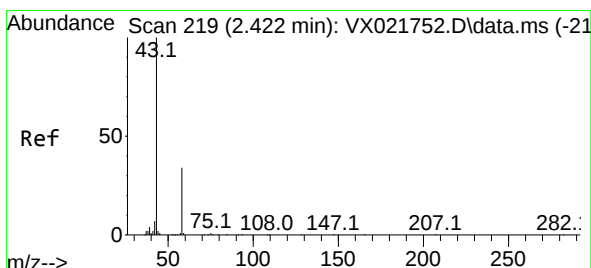
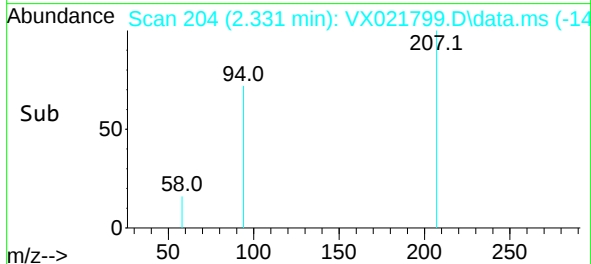
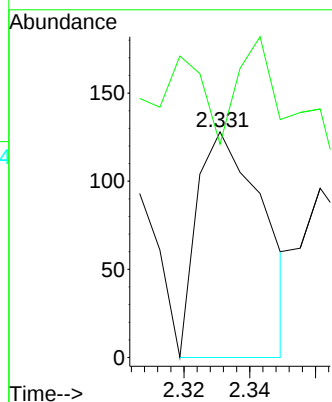
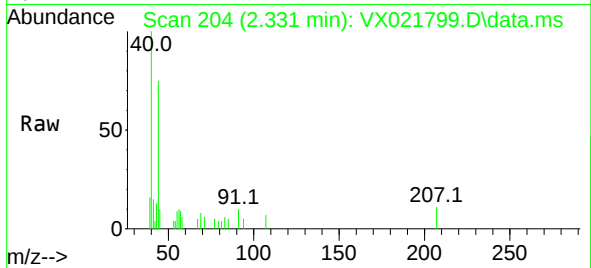




#13
Acrolein
Concen: 0.54 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.055 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

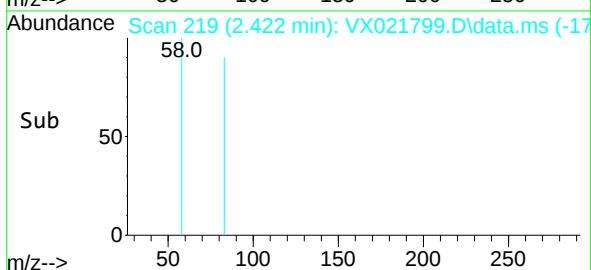
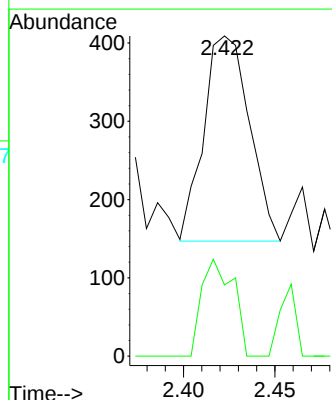
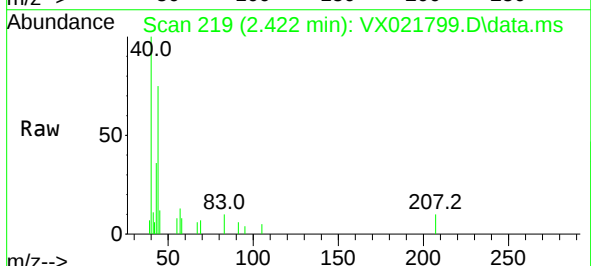
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

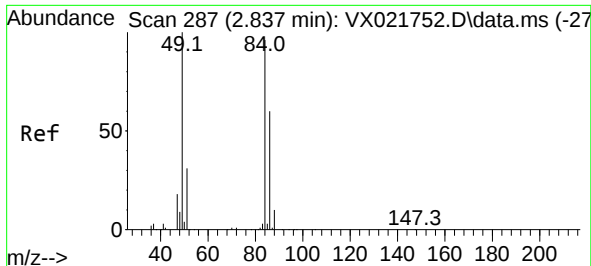
Tgt Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
55 50.3 56.4 84.6#



#16
Acetone
Concen: 0.71 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8

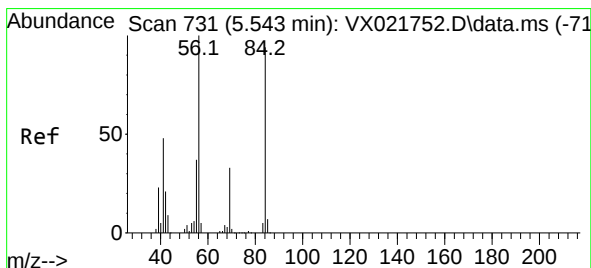
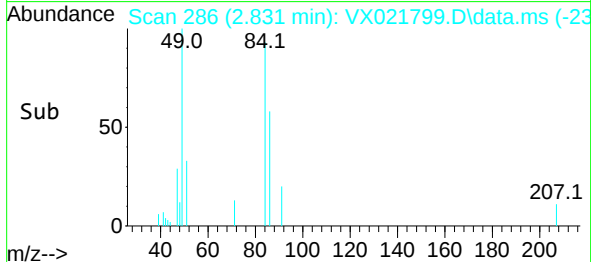
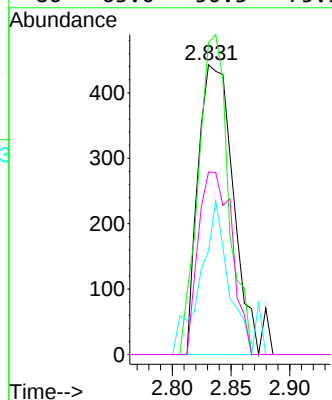
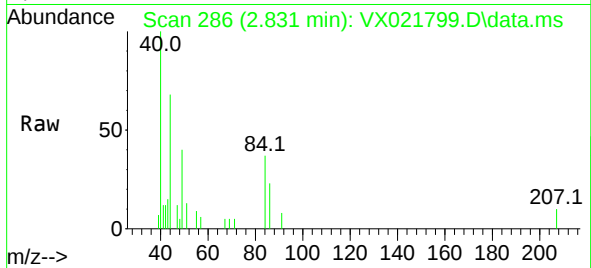




#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

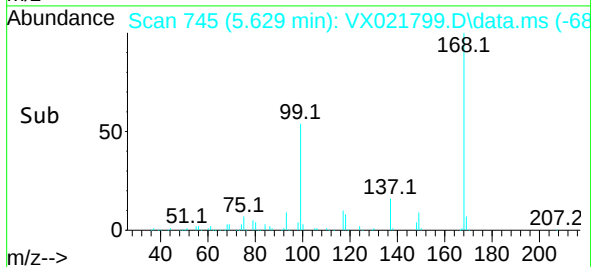
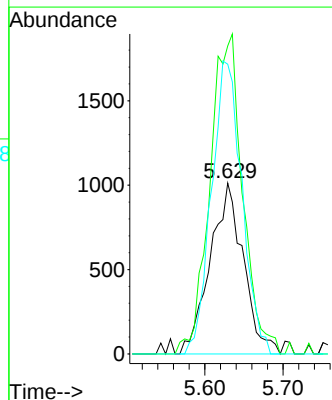
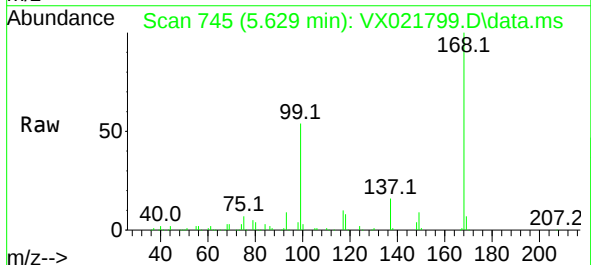
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

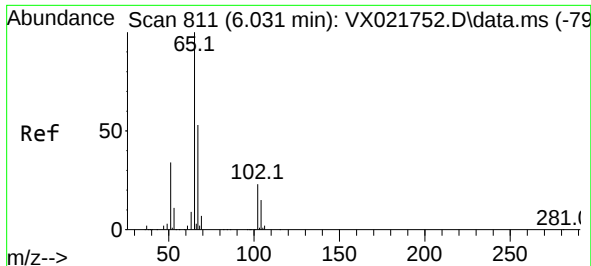
Tgt Ion:	84	Resp:	938
Ion	Ratio	Lower	Upper
84	100		
49	107.7	88.6	132.8
51	35.7	27.0	40.6
86	63.0	50.3	75.5



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Tgt Ion:	56	Resp:	2982
Ion	Ratio	Lower	Upper
56	100		
69	180.3	25.3	37.9#
84	169.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.65 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021799.D

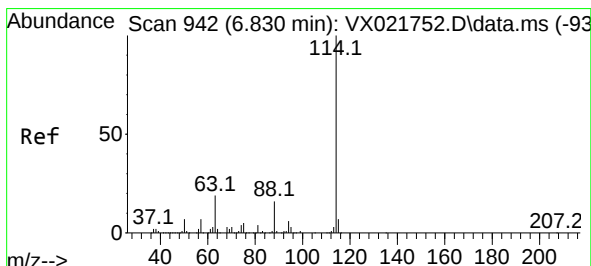
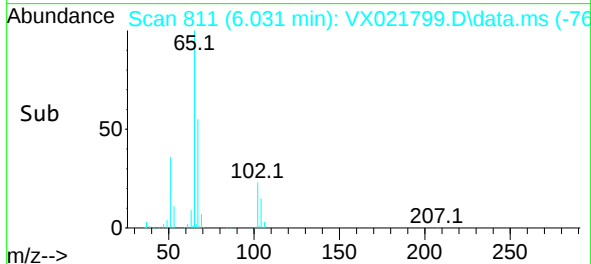
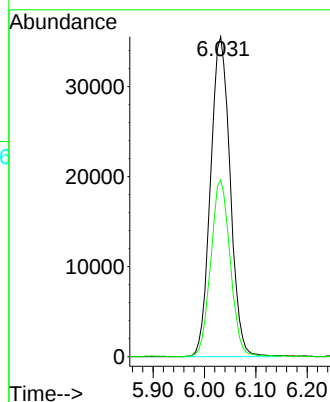
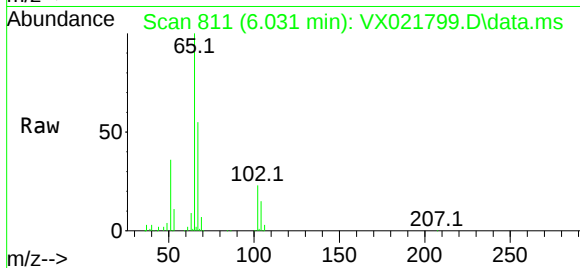
Acq: 21 Apr 2021 17:43

Tgt Ion: 65 Resp: 94225

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX021799.D

Acq: 21 Apr 2021 17:43

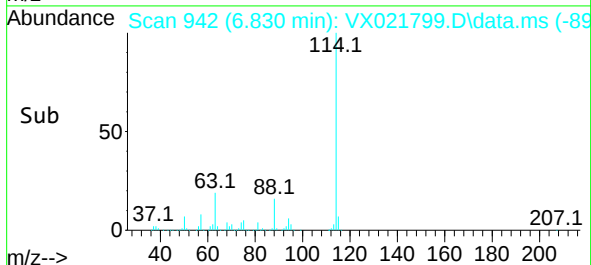
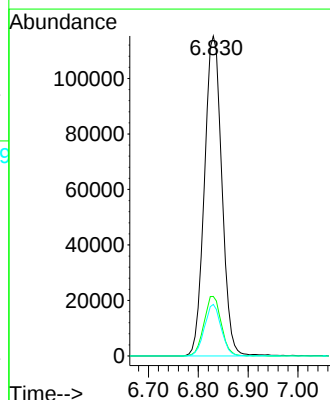
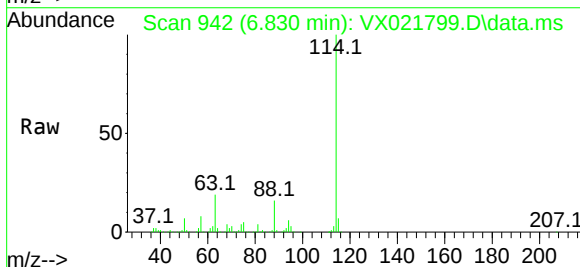
Tgt Ion: 114 Resp: 279734

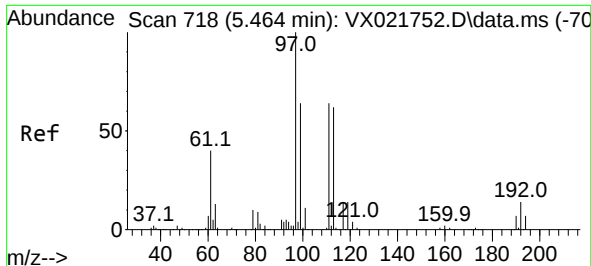
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.8

88 16.1 0.0 32.8

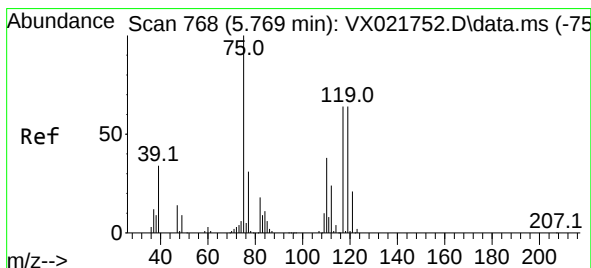
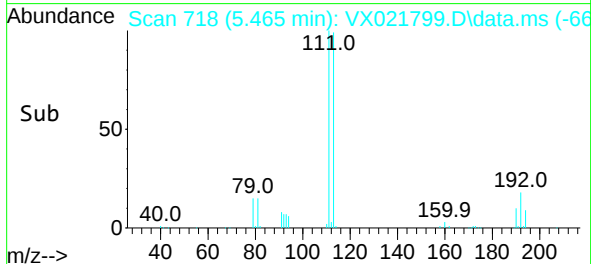
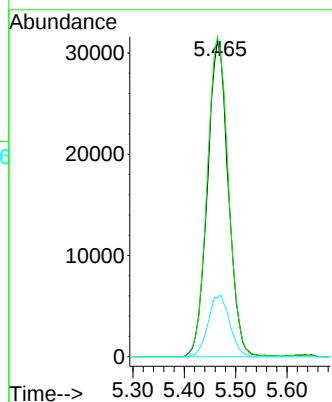
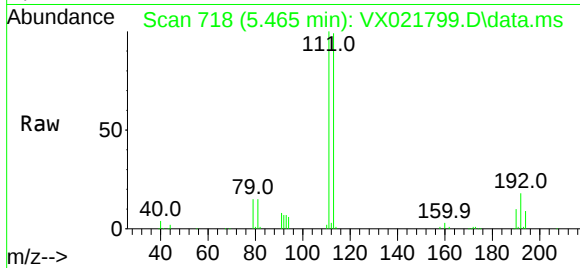




#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

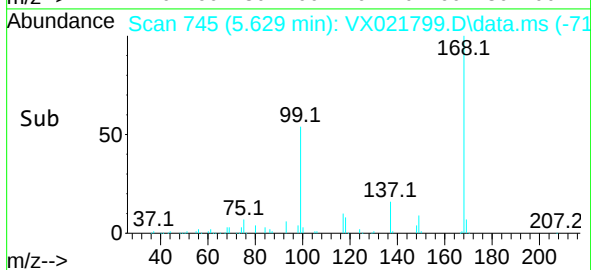
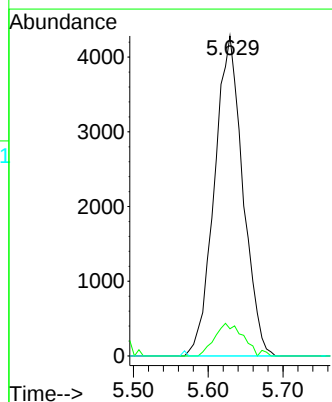
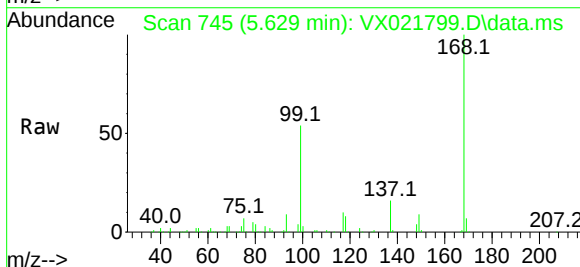
Instrument :
MSVOA_X
ClientSampleId :
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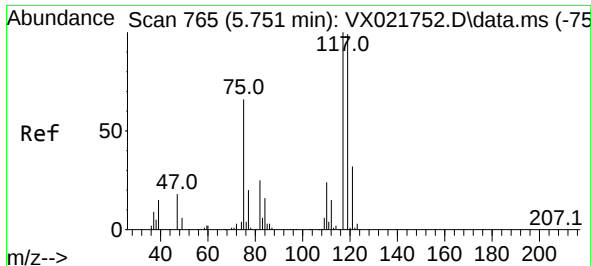
Tgt Ion:113 Resp: 88128
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

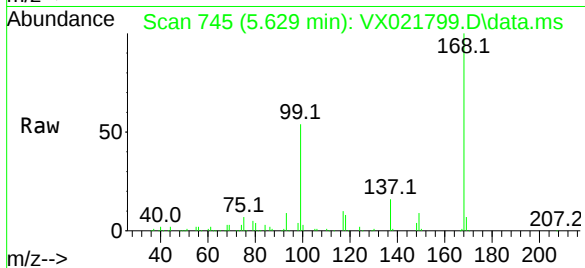
Tgt Ion: 75 Resp: 11335
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



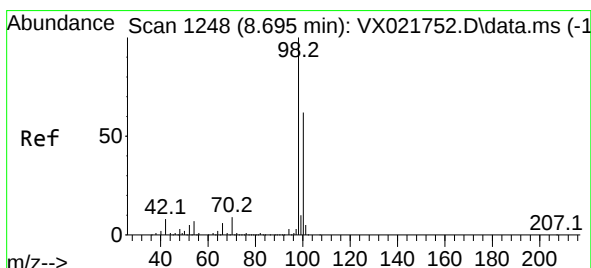
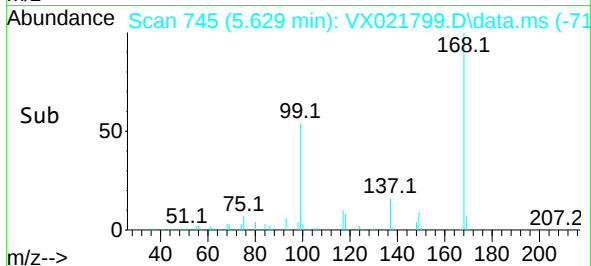
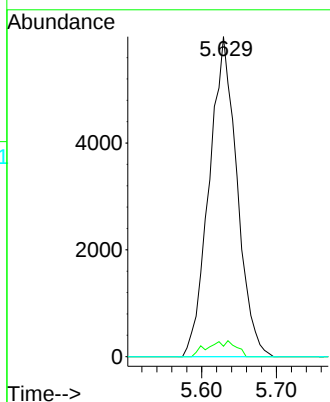


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

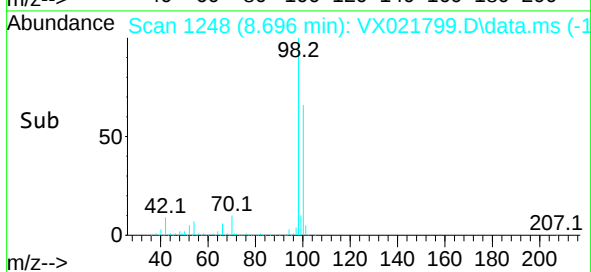
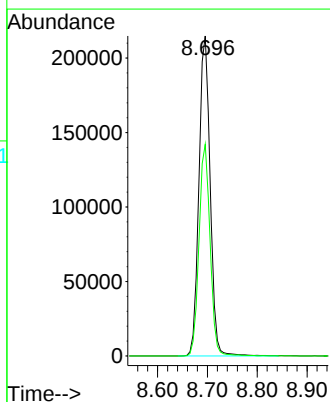
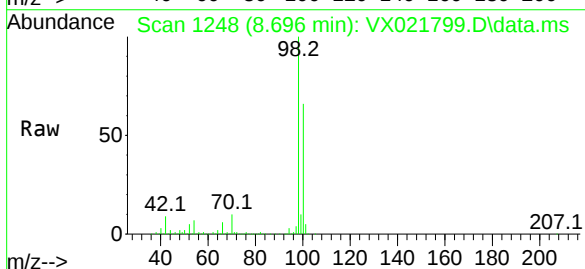


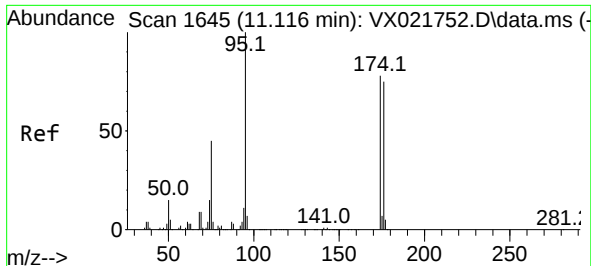
Tgt Ion: 117 Resp: 15544
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.84 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 98 Resp: 335952
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

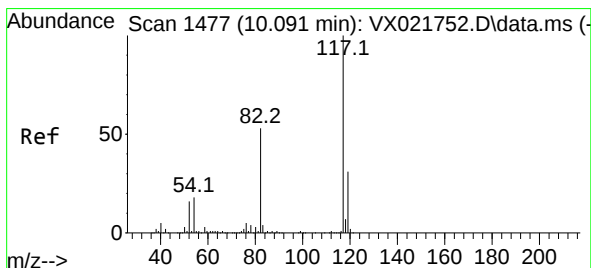
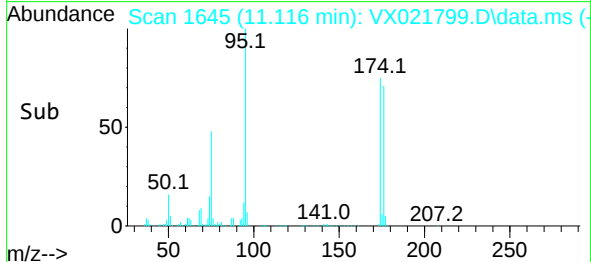
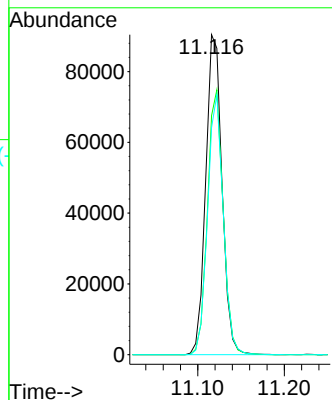
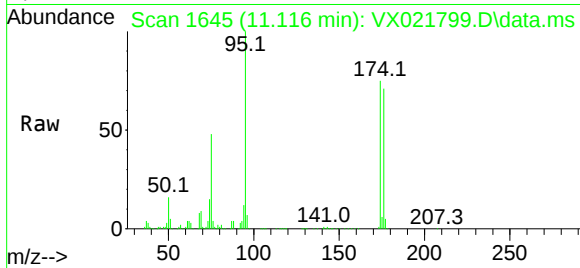




#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

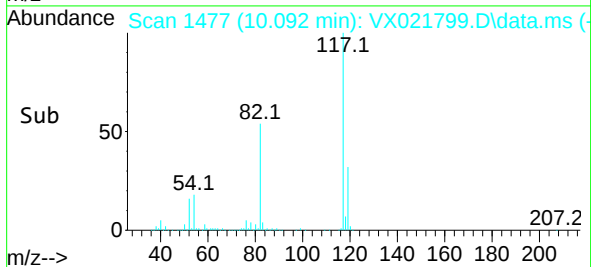
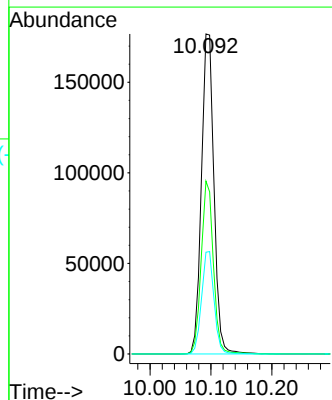
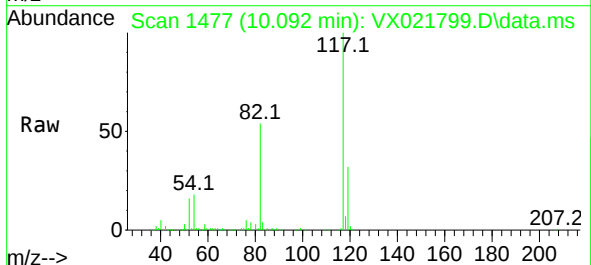
Instrument :
MSVOA_X
ClientSampleId :
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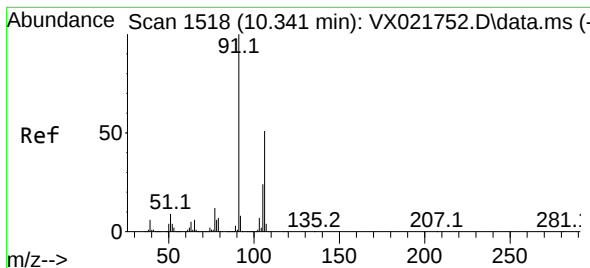
Tgt Ion: 95 Resp: 117946
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 78.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 117 Resp: 252367
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 31.8 26.6 39.8

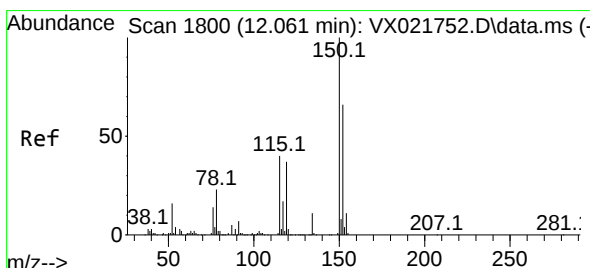
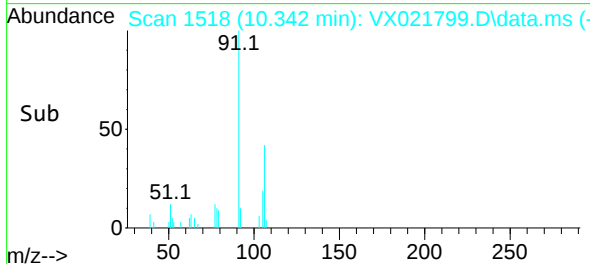
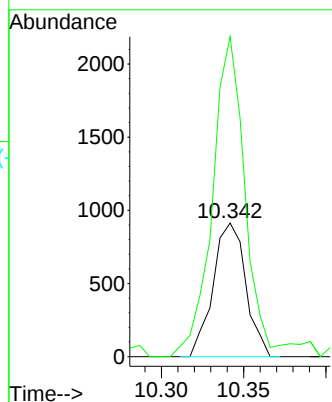
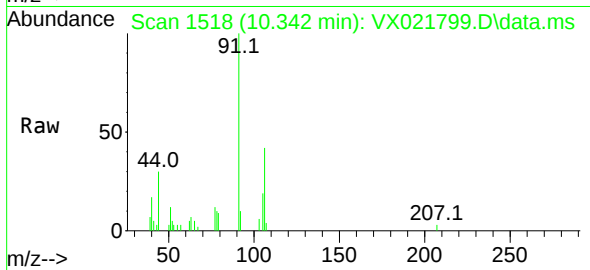




#68
m/p-Xylenes
Concen: 0.36 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

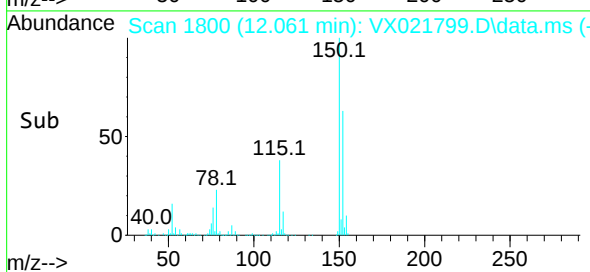
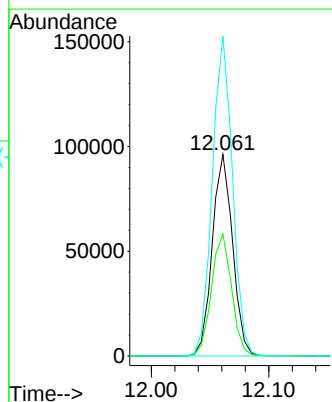
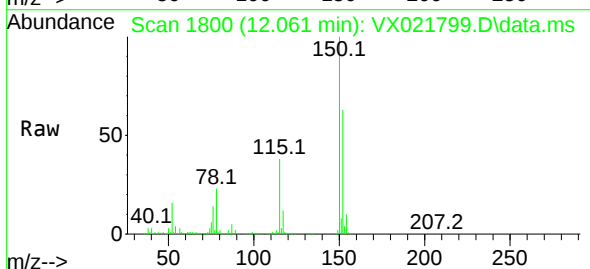
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

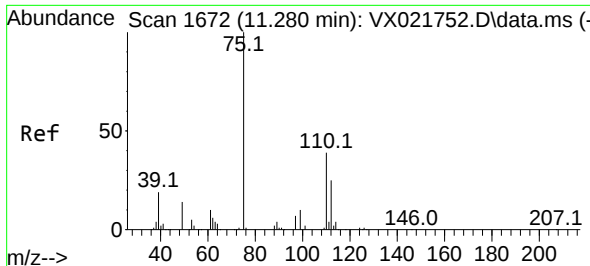
Tgt Ion:106 Resp: 1261
Ion Ratio Lower Upper
106 100
91 236.6 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Tgt Ion:152 Resp: 115583
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 157.5 0.0 349.0

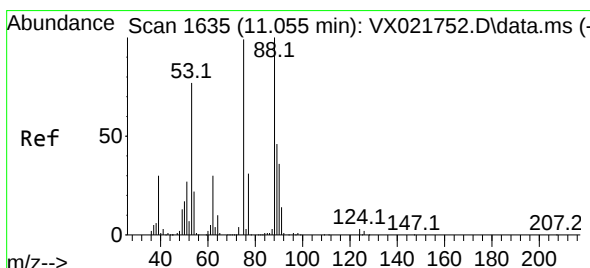
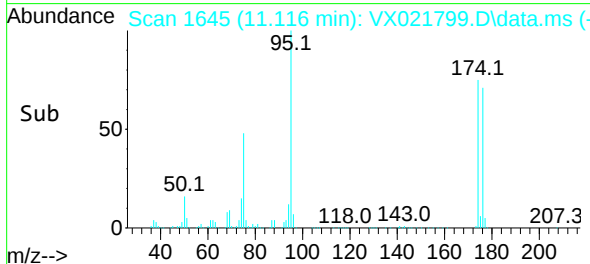
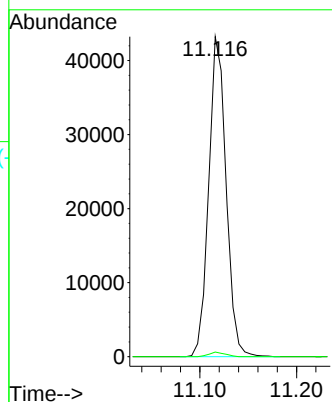
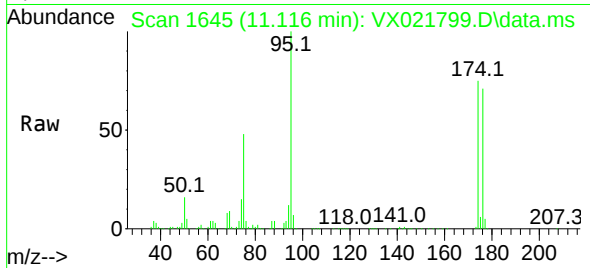




#76
1,2,3-Trichloropropane
Concen: 23.60 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

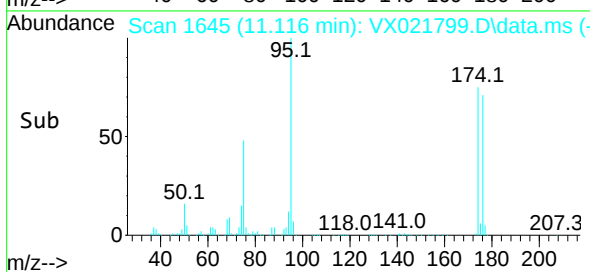
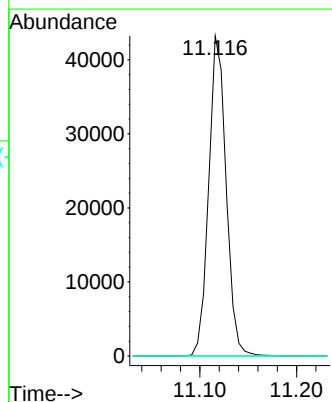
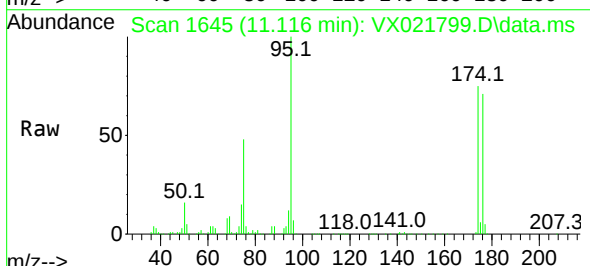
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

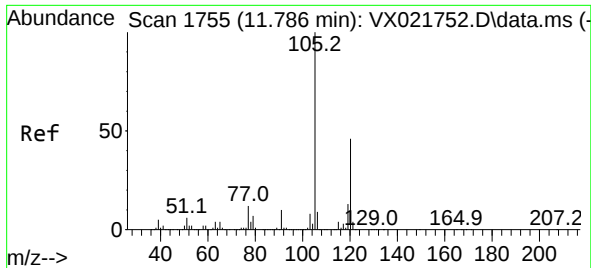
Tgt Ion: 75 Resp: 54091
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.27 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021799.D
Acq: 21 Apr 2021 17:43

Tgt Ion: 75 Resp: 54091
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.31 ug/l
 RT: 11.787 min Scan# 1755
 Delta R.T. 0.001 min
 Lab File: VX021799.D
 Acq: 21 Apr 2021 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion:105 Resp: 2166
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3

