

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020987.D
 Acq On : 03 Mar 2021 00:05
 Operator : JC/MD
 Sample : M1536-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Mar 03 01:22:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

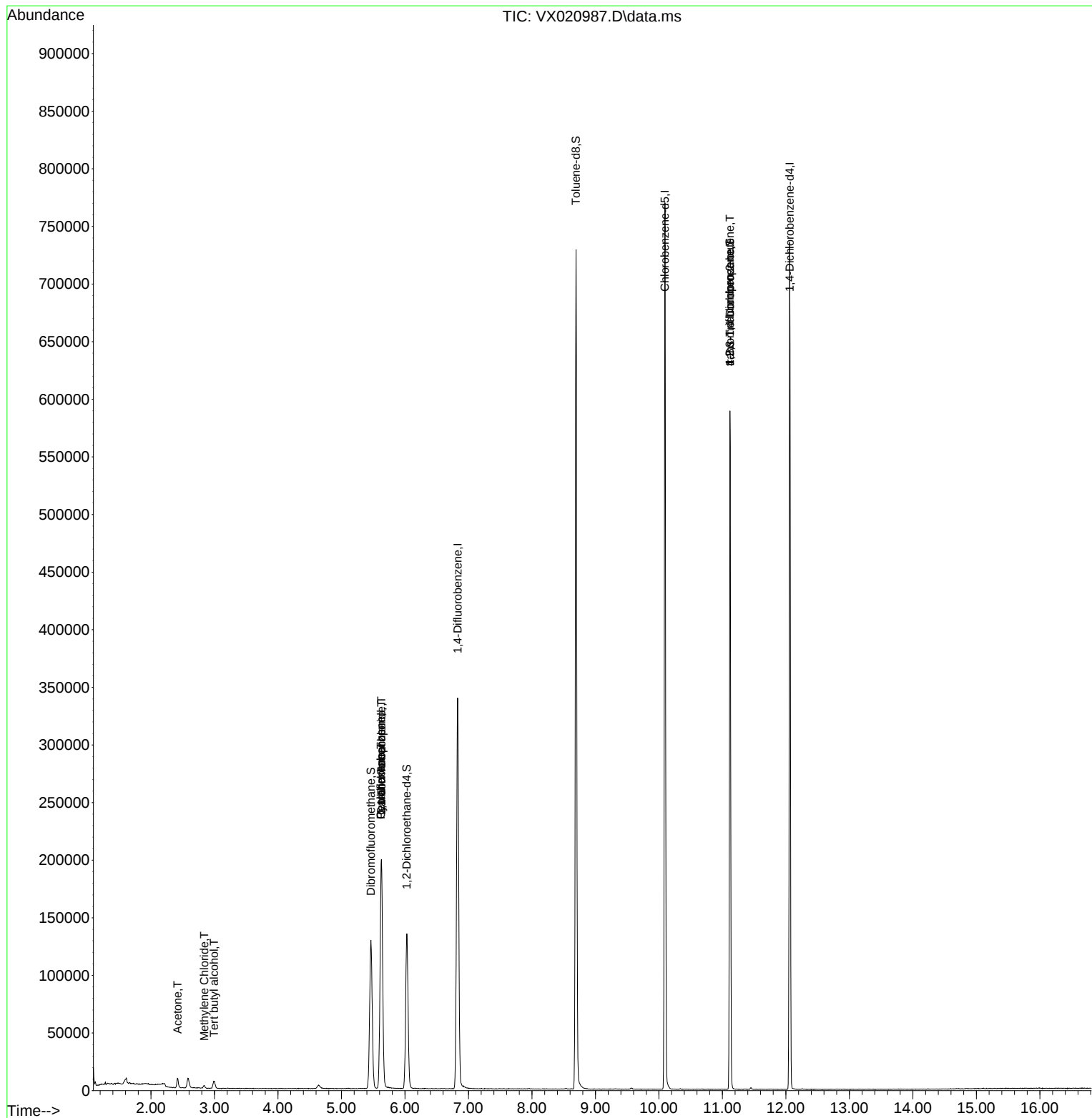
Internal Standards						
1) Pentafluorobenzene	5.623	168	193990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	359624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	351725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	154680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	127928	48.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.64%
35) Dibromofluoromethane	5.464	113	113165	51.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.58%
50) Toluene-d8	8.694	98	451609	53.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.02%
62) 4-Bromofluorobenzene	11.118	95	168723	53.56	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.12%
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	246	Below Cal	#	80
11) Tert butyl alcohol	2.993	59	3935	6.74	ug/l #	73
16) Acetone	2.417	43	8574	7.94	ug/l	97
20) Methylene Chloride	2.840	84	1201	0.46	ug/l	91
31) Cyclohexane	5.623	56	3770	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	14544	4.25	ug/l #	48
38) Carbon Tetrachloride	5.629	117	19225	5.80	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	80193	24.10	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	80193	53.36	ug/l #	12

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

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MSVOA_X
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Quant Time: Mar 03 01:22:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

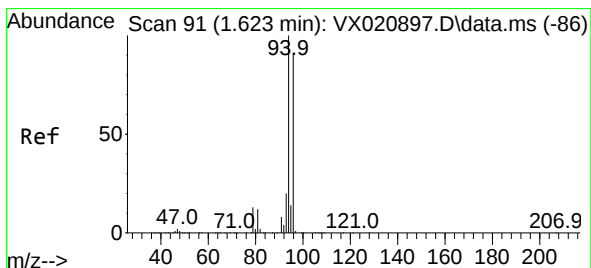
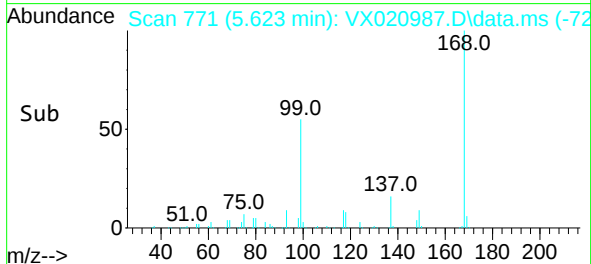
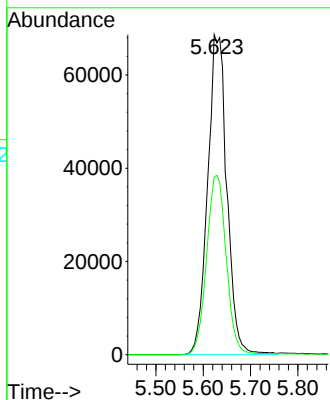
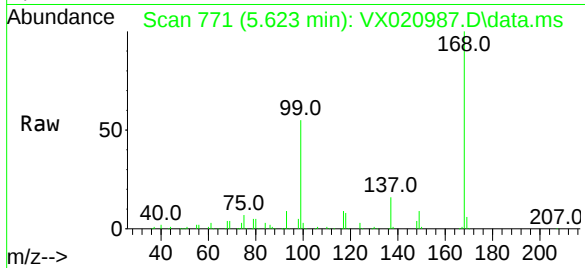




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

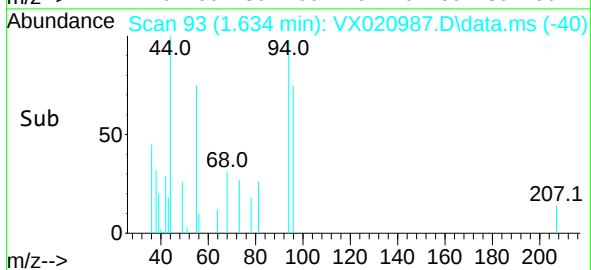
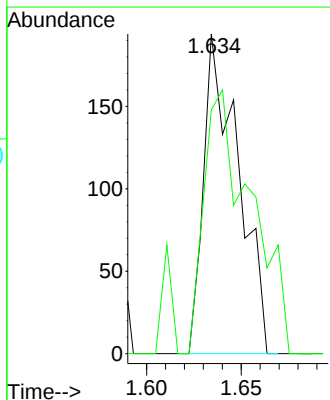
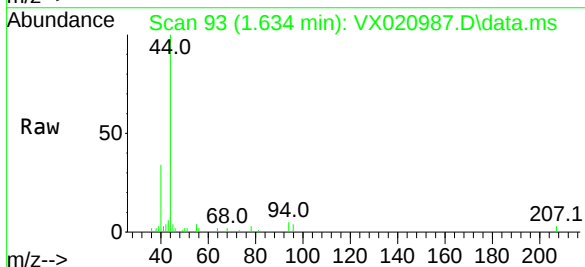
Instrument :
MSVOA_X
ClientSampleId :
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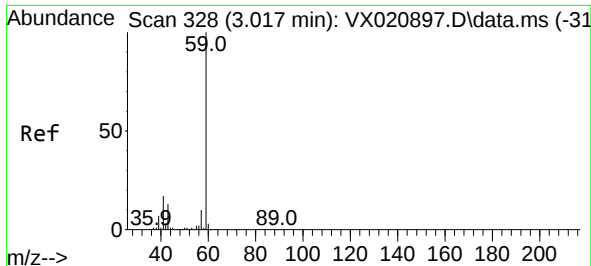
Tgt Ion:168 Resp: 193990
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 76.3 76.4 114.6#

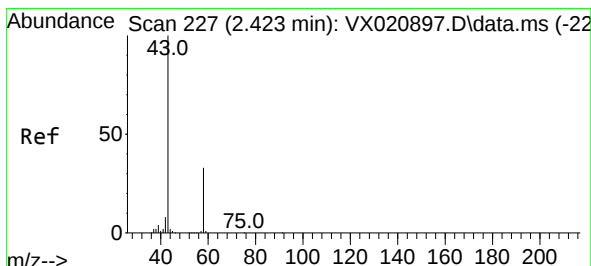
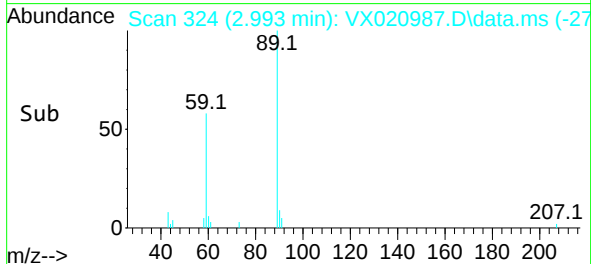
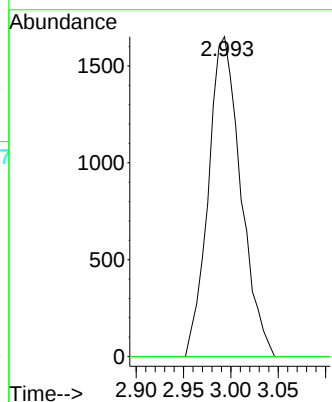
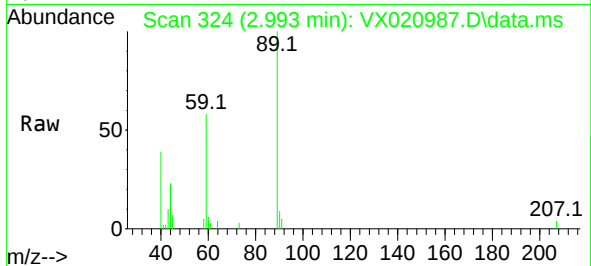




#11
Tert butyl alcohol
Concen: 6.74 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

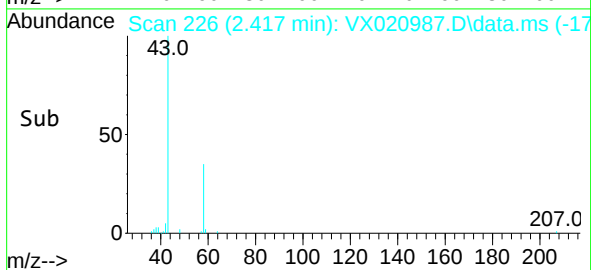
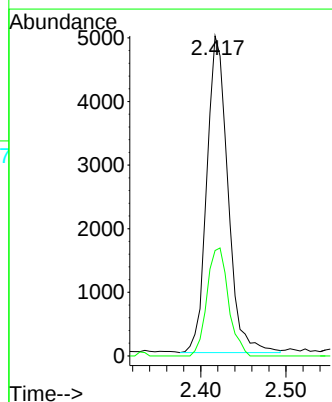
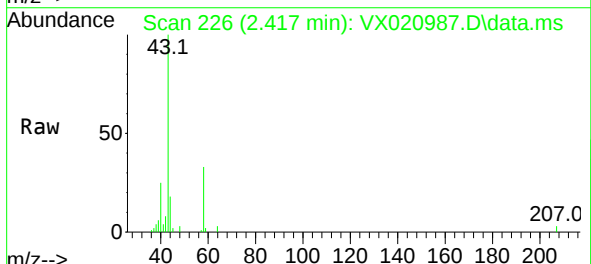
Instrument :
MSVOA_X
ClientSampleId :
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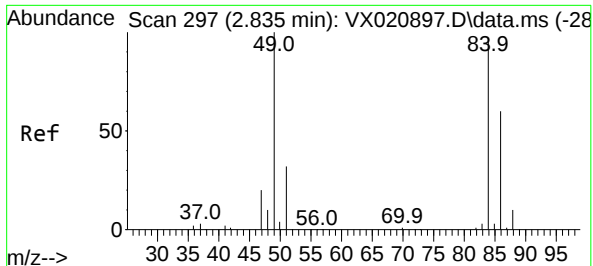
Tgt Ion: 59 Resp: 3935
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 7.94 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

Tgt Ion: 43 Resp: 8574
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8



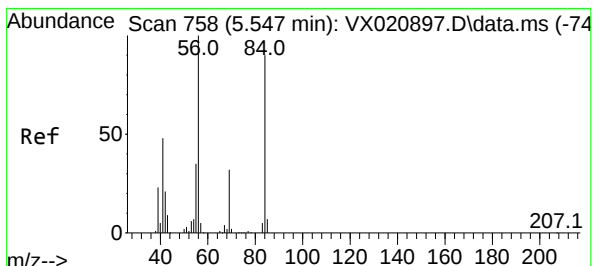
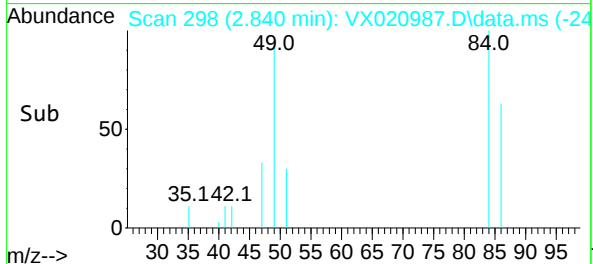
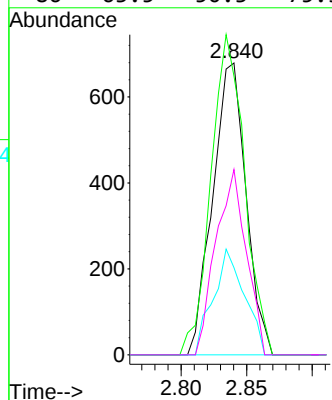
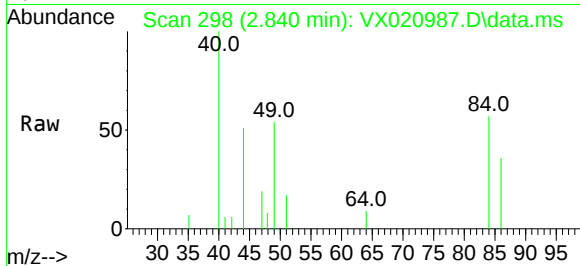


#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

Instrument :
MSVOA_X
ClientSampled :
FIELD-BLANK

Tgt Ion: 84 Resp: 1201

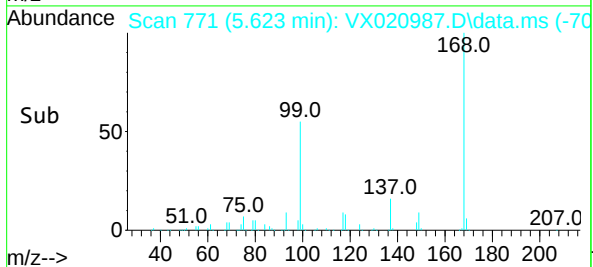
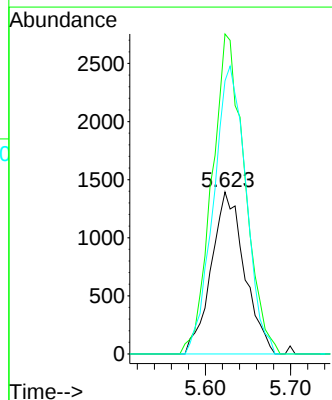
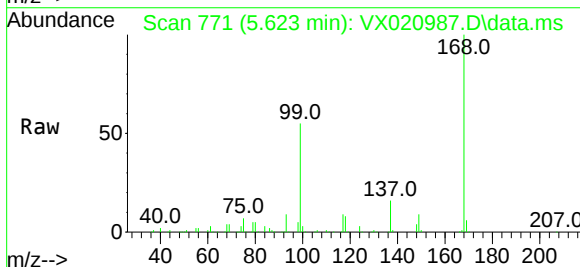
Ion	Ratio	Lower	Upper
84	100		
49	95.6	88.6	132.8
51	29.9	27.0	40.6
86	63.5	50.3	75.5

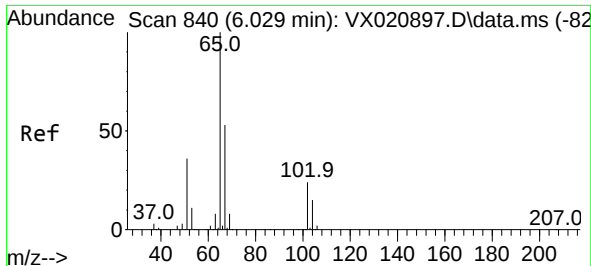


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

Tgt Ion: 56 Resp: 3770

Ion	Ratio	Lower	Upper
56	100		
69	197.6	25.3	37.9#
84	168.7	71.4	107.0#

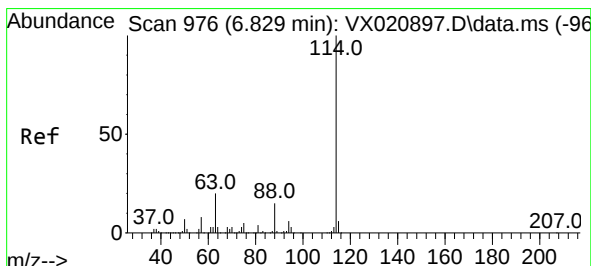
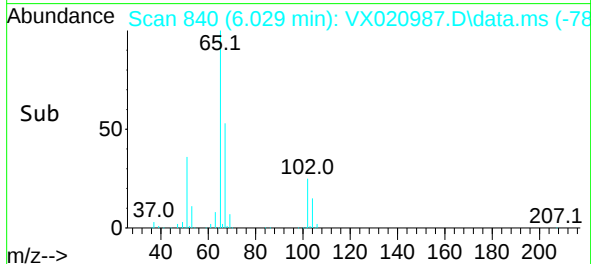
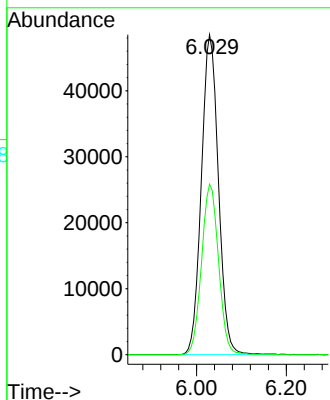
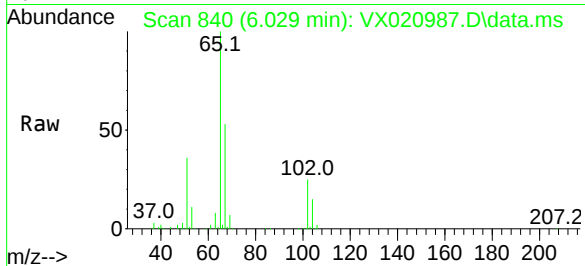




#33
1,2-Dichloroethane-d4
Concen: 48.82 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

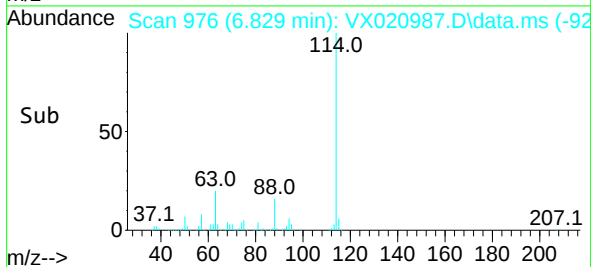
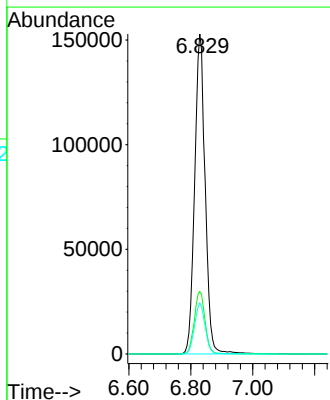
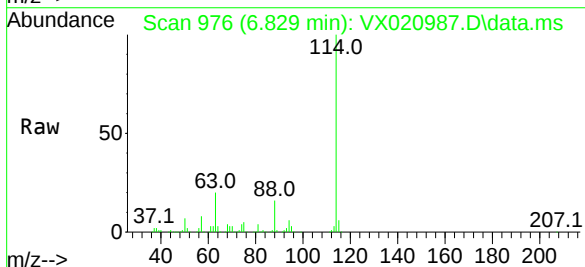
Instrument :
MSVOA_X
ClientSampleId :
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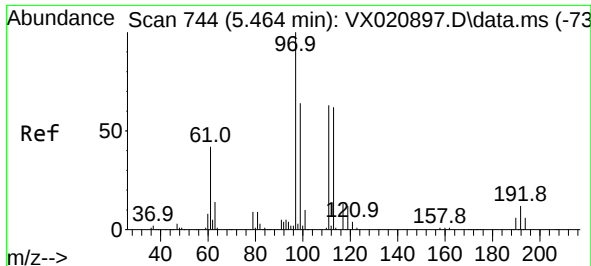
Tgt Ion: 65 Resp: 127928
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

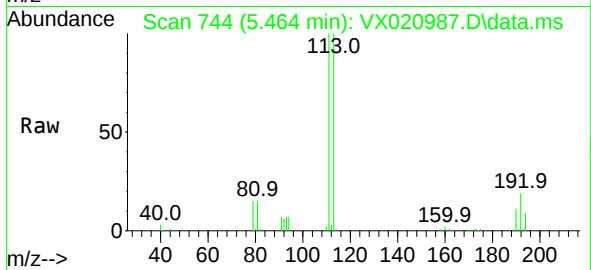
Tgt Ion: 114 Resp: 359624
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.9 0.0 32.8



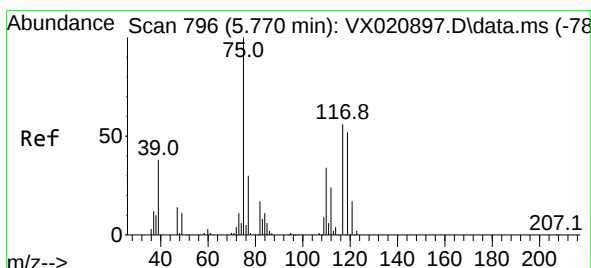
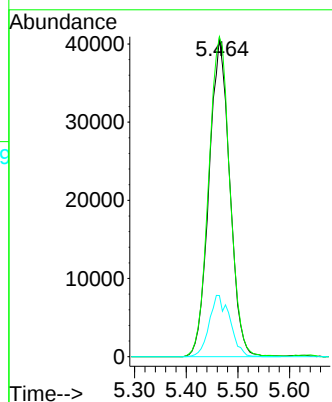
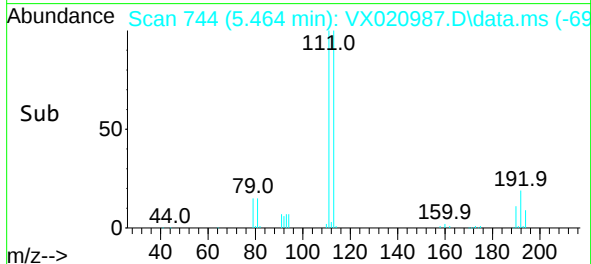


#35
Dibromofluoromethane
Concen: 51.79 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

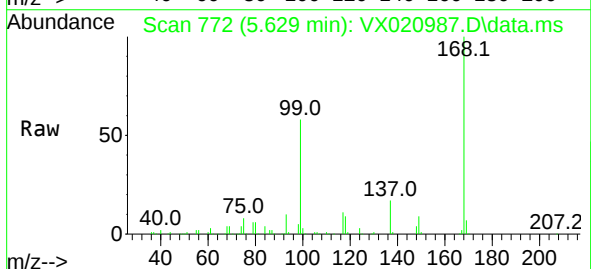
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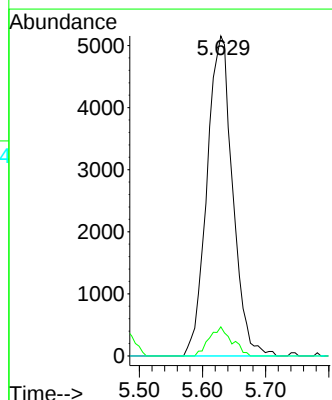
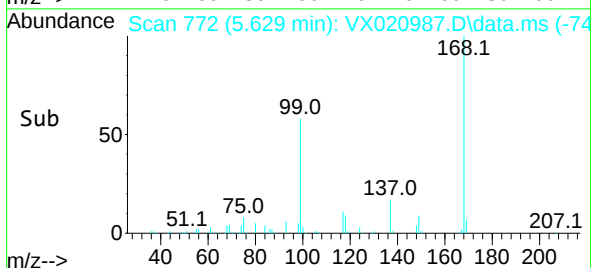
Tgt Ion:113 Resp: 113165
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.5 16.7 25.1

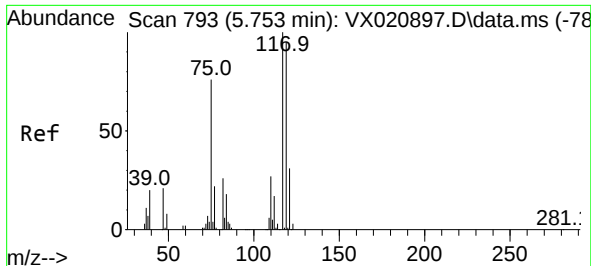


#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05



Tgt Ion: 75 Resp: 14544
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#

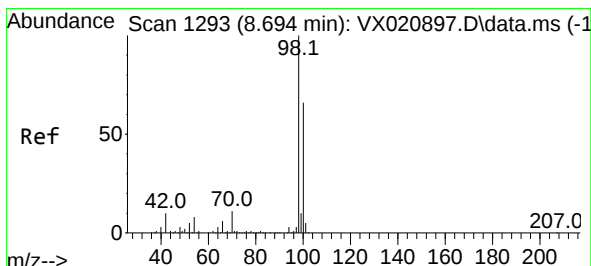
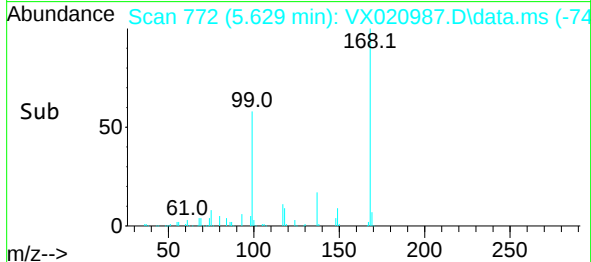
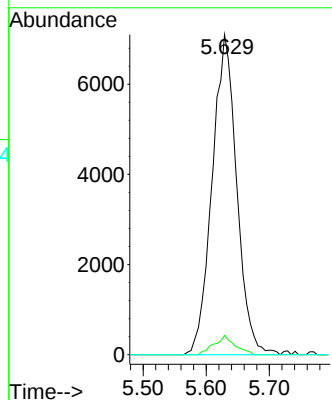
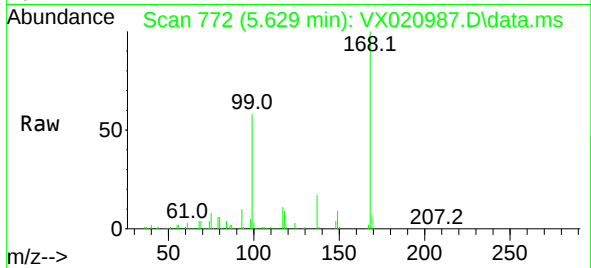




#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

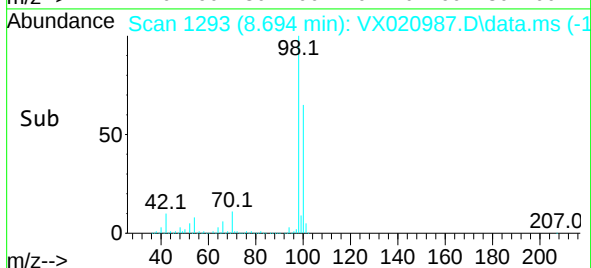
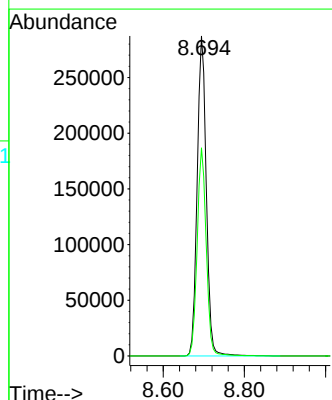
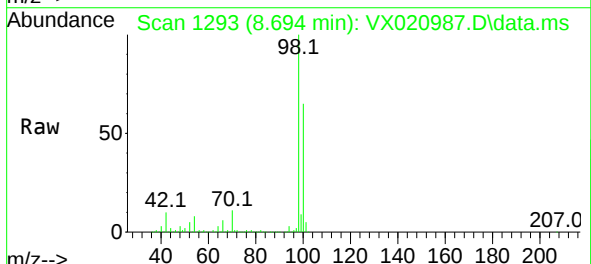
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ClientSampleId :
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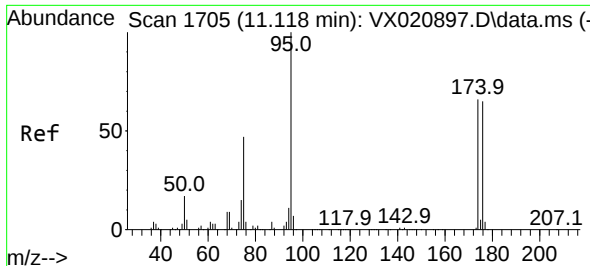
Tgt Ion:117 Resp: 19225
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.01 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

Tgt Ion: 98 Resp: 451609
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

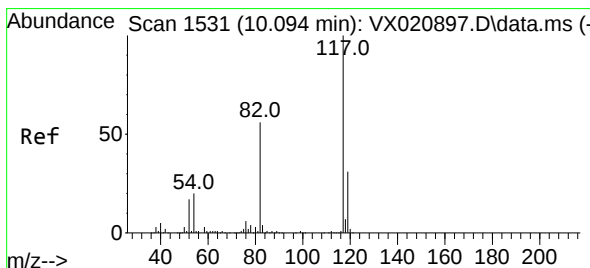
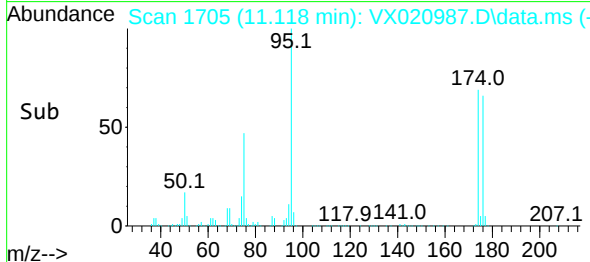
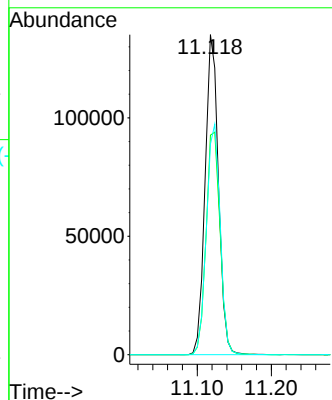
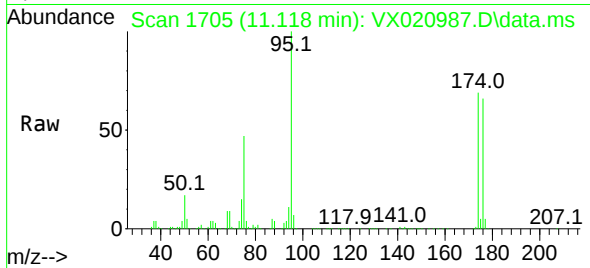




#62
4-Bromofluorobenzene
Concen: 53.56 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

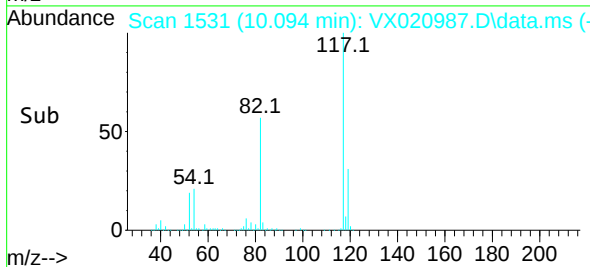
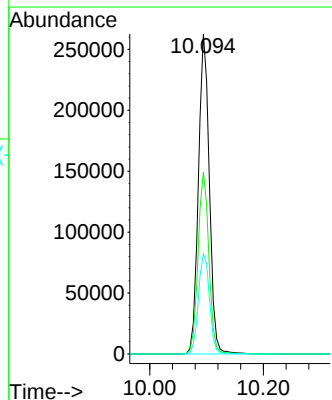
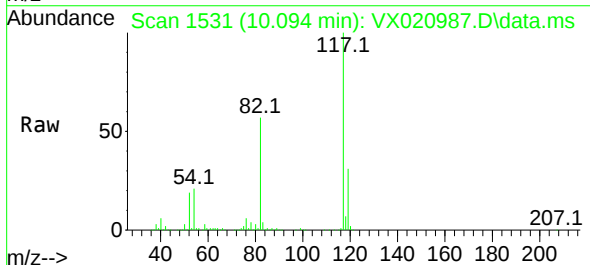
Instrument :
MSVOA_X
ClientSampleId :
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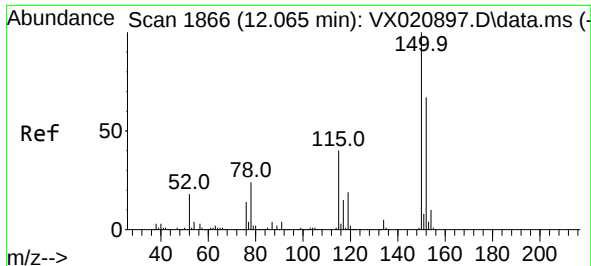
Tgt Ion: 95 Resp: 168723
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

Tgt Ion: 117 Resp: 351725
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.4 26.6 39.8

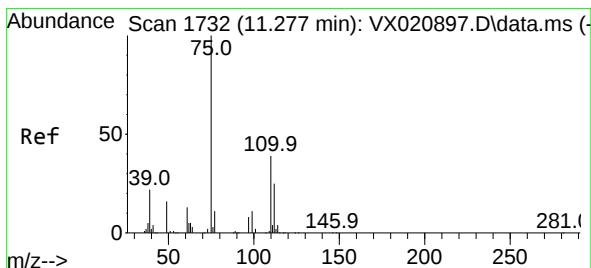
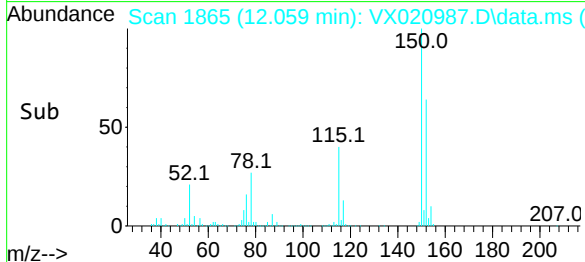
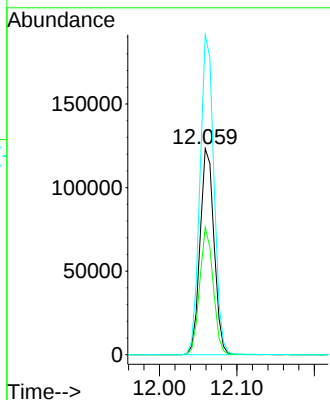
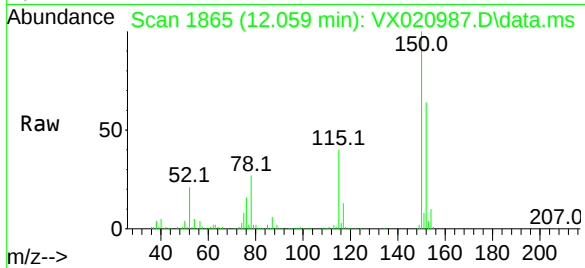




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

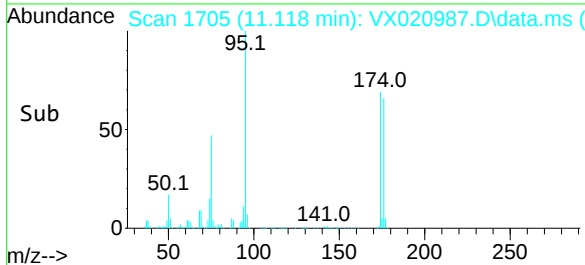
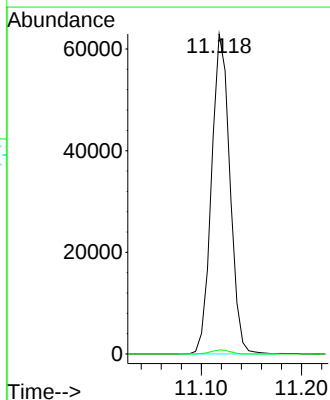
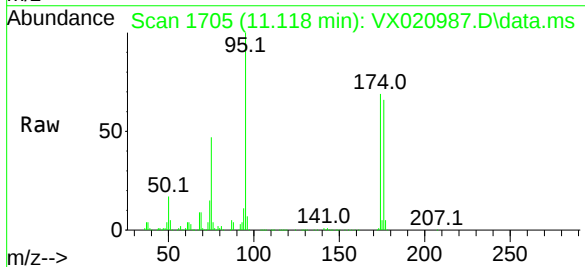
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

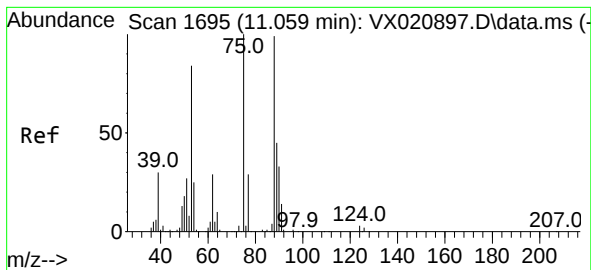
Tgt Ion:152 Resp: 154680
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 155.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020987.D
Acq: 03 Mar 2021 00:05

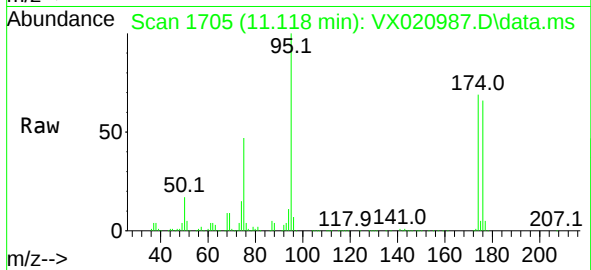
Tgt Ion: 75 Resp: 80193
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.36 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020987.D
 Acq: 03 Mar 2021 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK



Tgt Ion: 75 Resp: 80193
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

