

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021576.D
 Acq On : 29 Mar 2021 14:52
 Operator : JC/MD
 Sample : M1785-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 30 03:28:09 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)

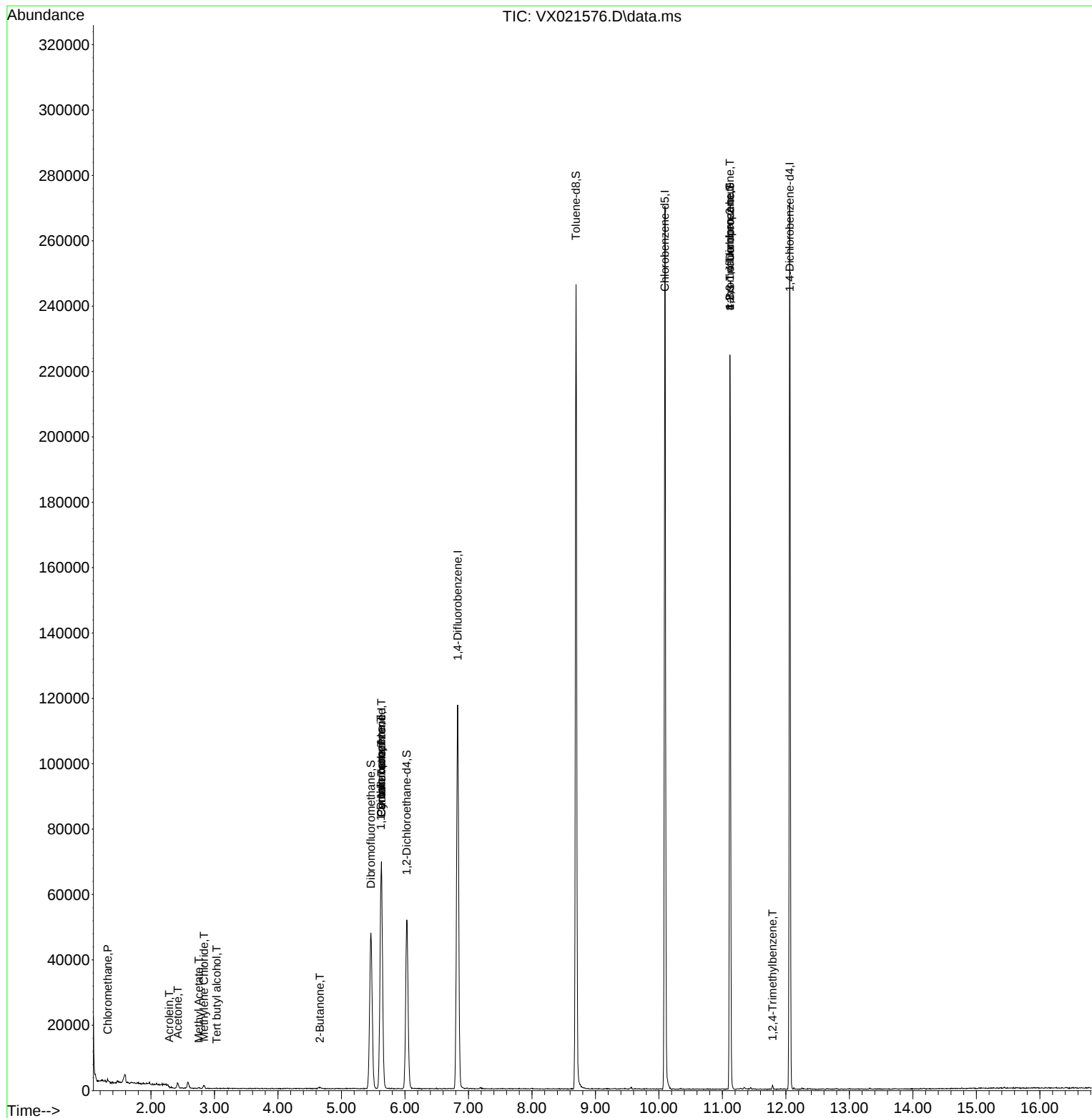
Internal Standards						
1) Pentafluorobenzene	5.629	168	59024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	107931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50784	51.71	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.42%	
35) Dibromofluoromethane	5.464	113	39159	51.08	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.16%	
50) Toluene-d8	8.694	98	137630	50.38	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.76%	
62) 4-Bromofluorobenzene	11.118	95	56413	53.11	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1524	2.08	ug/l	97
11) Tert butyl alcohol	3.034	59	38	0.23	ug/l #	73
13) Acrolein	2.287	56	18	4.51	ug/l #	1
16) Acetone	2.423	43	1680	4.52	ug/l #	77
18) Methyl Acetate	2.752	43	297	0.28	ug/l #	72
20) Methylene Chloride	2.834	84	337	0.47	ug/l #	73
25) 2-Butanone	4.658	43	150	0.27	ug/l #	45
31) Cyclohexane	5.629	56	1622	1.50	ug/l #	30
36) 1,1-Dichloropropene	5.623	75	5478	5.18	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6440	5.67	ug/l #	15
76) 1,2,3-Trichloropropane	11.118	75	31824	28.54	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31824	86.95	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	637	0.22	ug/l	98

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

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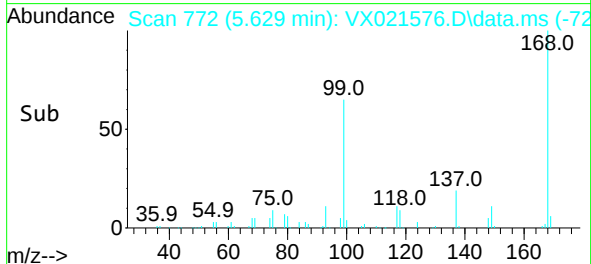
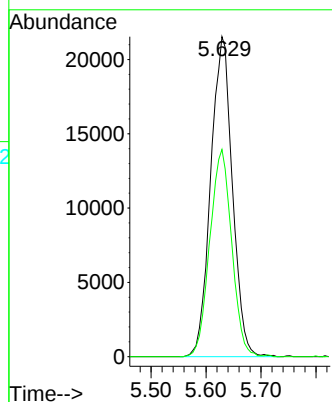
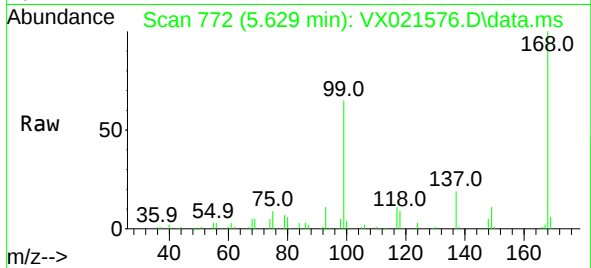




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

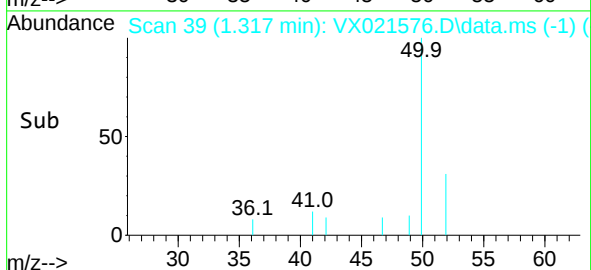
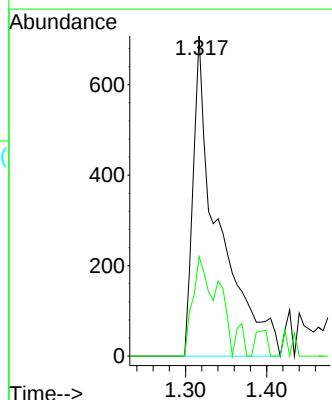
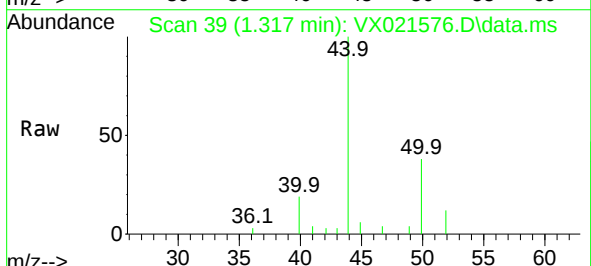
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

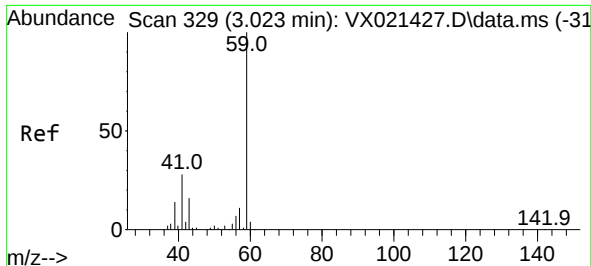
Tgt Ion:168 Resp: 59024
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.6



#3
Chloromethane
Concen: 2.08 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion: 50 Resp: 1524
Ion Ratio Lower Upper
50 100
52 31.1 26.4 39.6

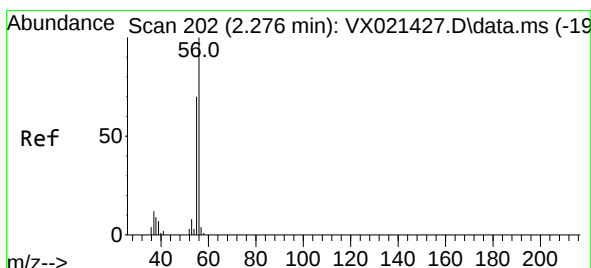
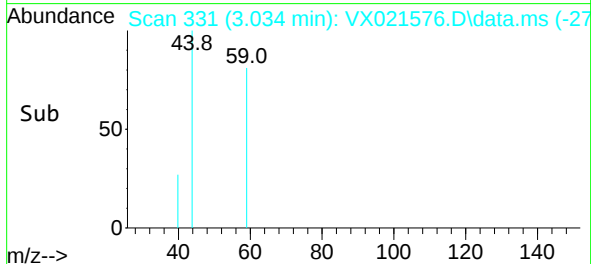
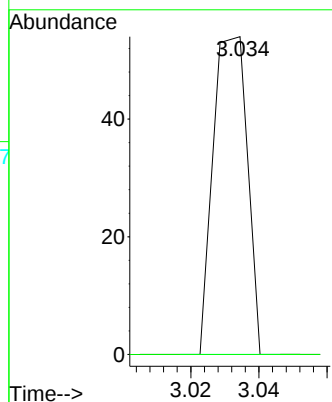
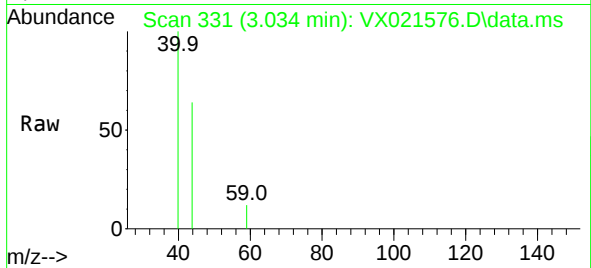




#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.034 min Scan# 331
Delta R.T. 0.011 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

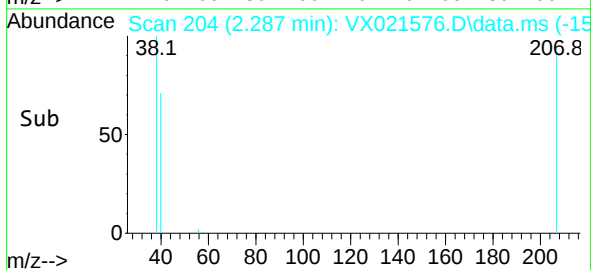
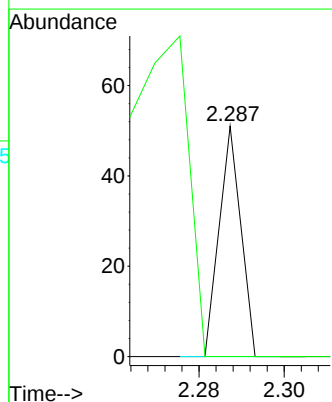
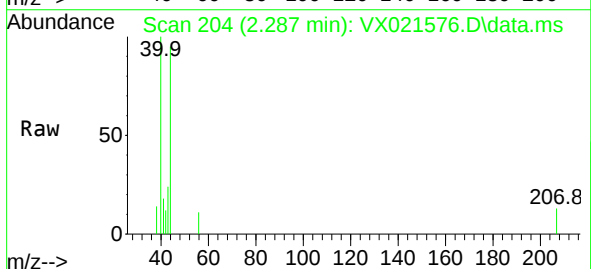
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

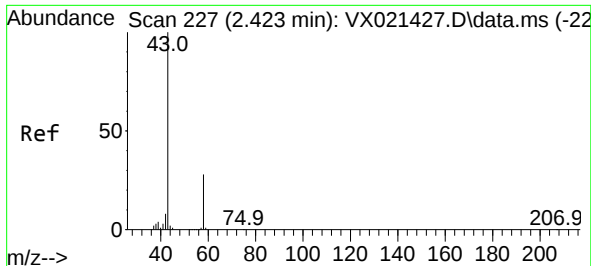
Tgt Ion: 59 Resp: 38
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.51 ug/l
RT: 2.287 min Scan# 204
Delta R.T. 0.011 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 600.0 56.4 84.6#

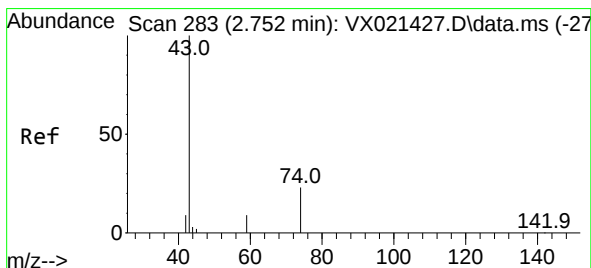
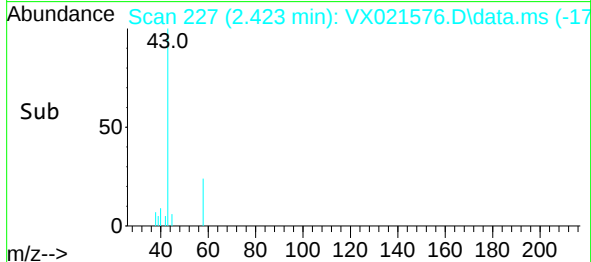
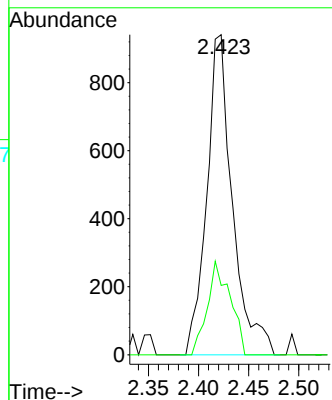
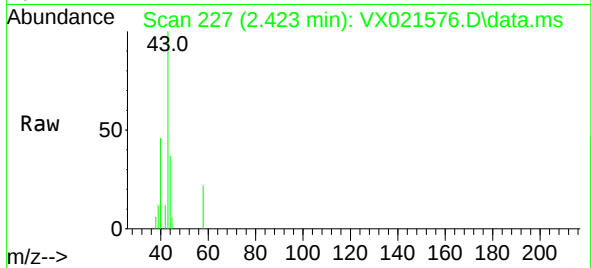




#16
Acetone
Concen: 4.52 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

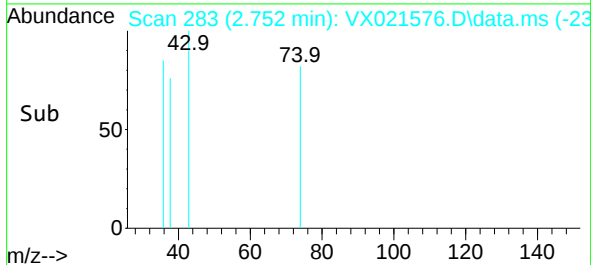
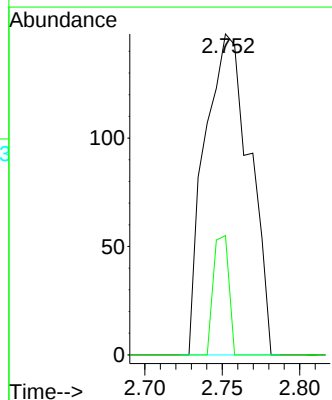
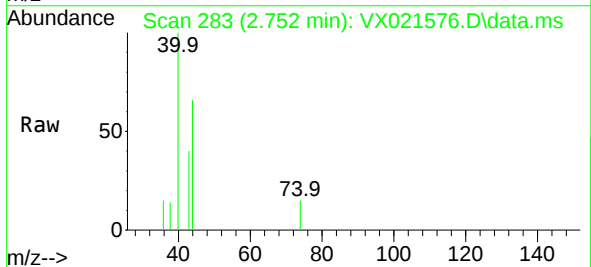
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

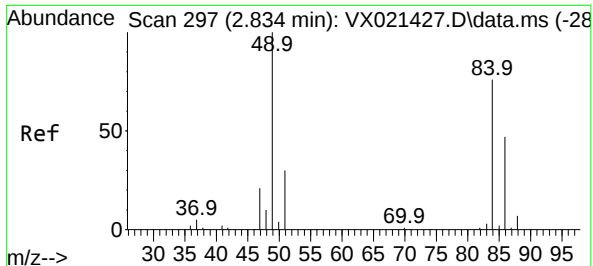
Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
58 21.7 27.8 41.8#



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
74 12.8 21.9 32.9#



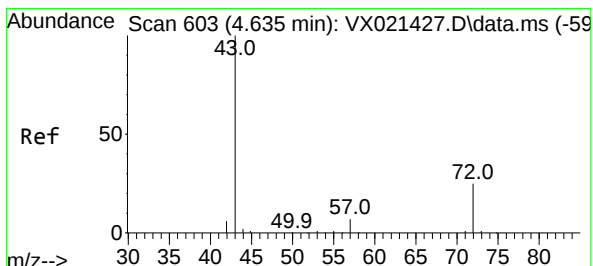
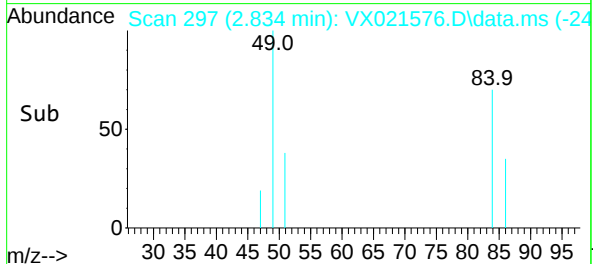
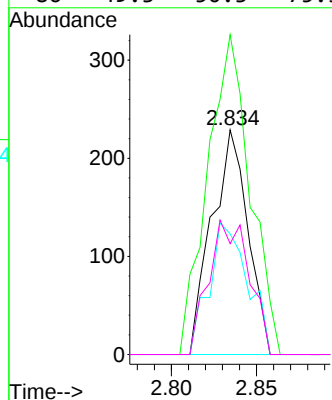
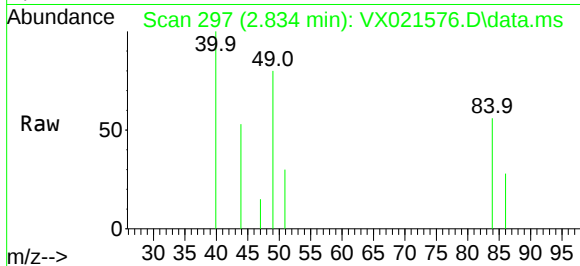


#20
Methylene Chloride
Concen: 0.47 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 337

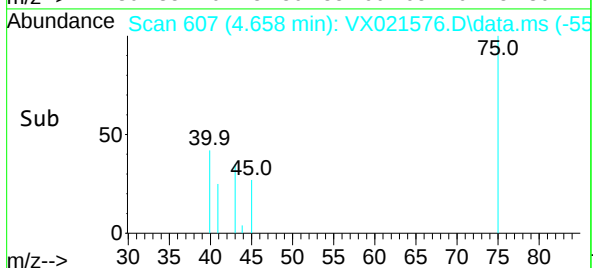
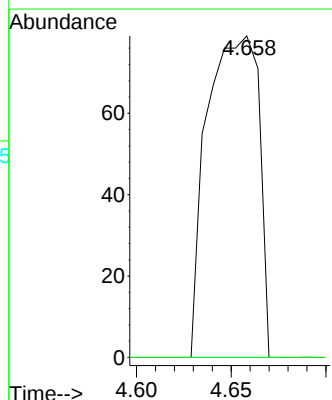
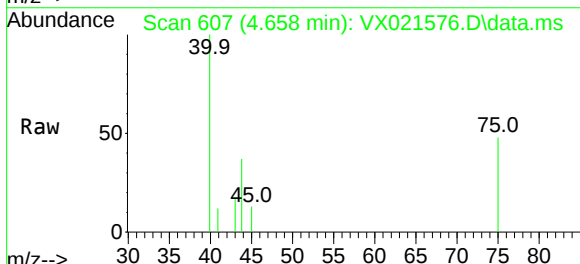
Ion	Ratio	Lower	Upper
84	100		
49	142.4	88.6	132.8#
51	53.7	27.0	40.6#
86	49.3	50.3	75.5#

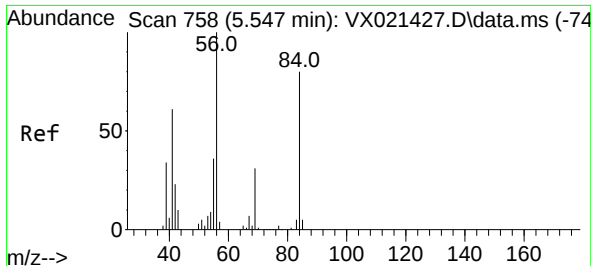


#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.658 min Scan# 607
Delta R.T. 0.023 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion: 43 Resp: 150

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

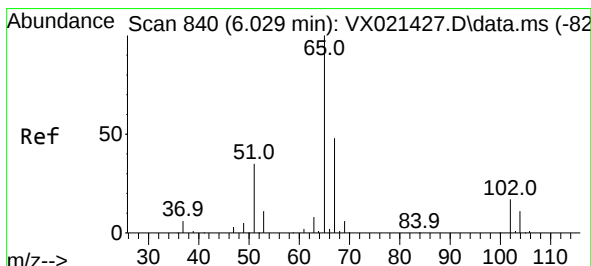
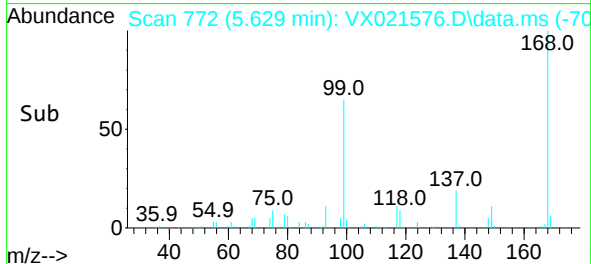
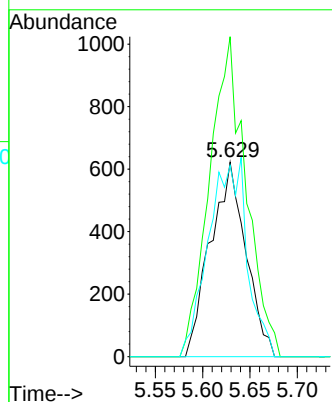
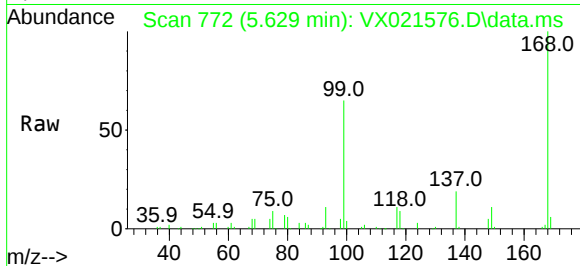




#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

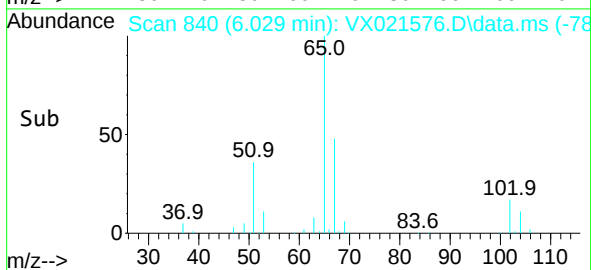
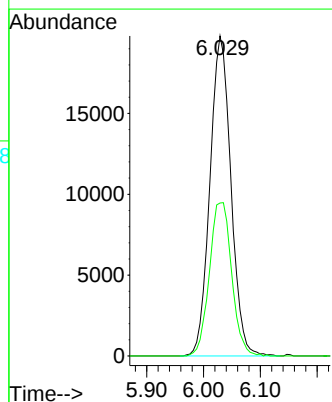
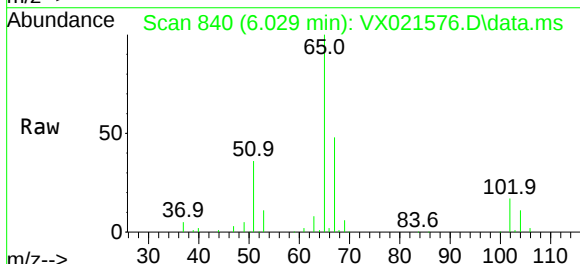
Instrument :
MSVOA_X
ClientSampleId :
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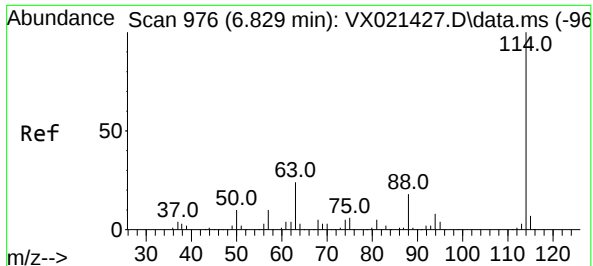
Tgt Ion: 56 Resp: 1622
Ion Ratio Lower Upper
56 100
69 164.6 25.3 37.9#
84 98.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.71 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion: 65 Resp: 50784
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

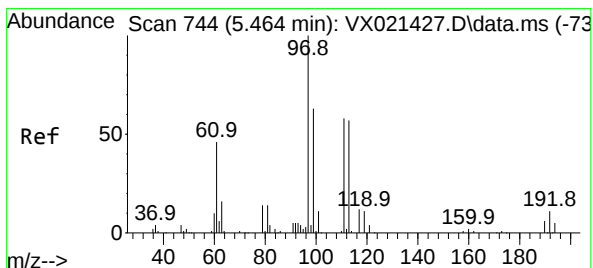
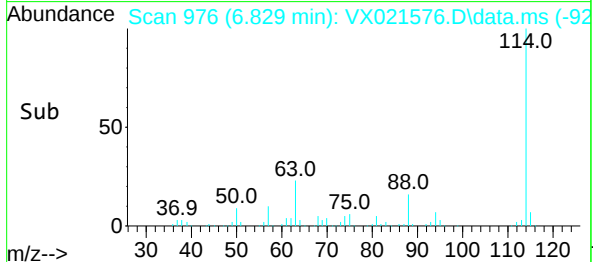
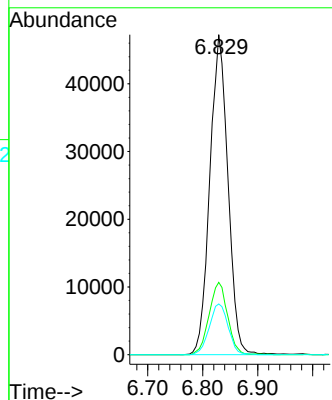
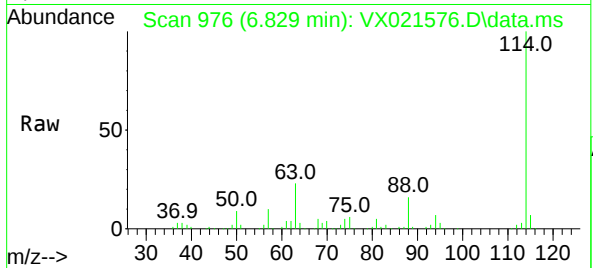




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

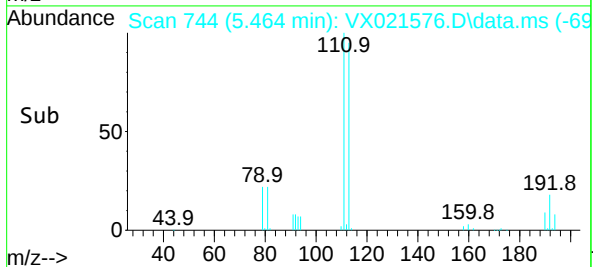
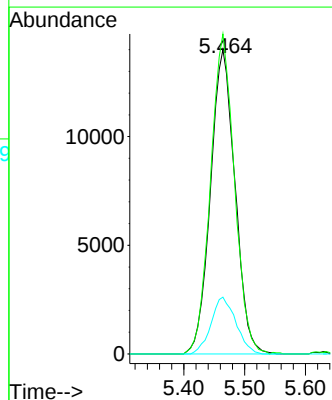
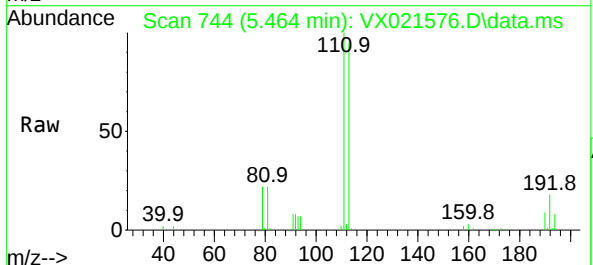
Instrument :
MSVOA_X
ClientSampleId :
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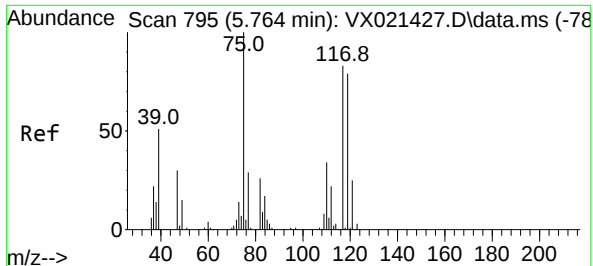
Tgt Ion:114 Resp: 107931
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.08 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion:113 Resp: 39159
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.18 ug/l

RT: 5.623 min Scan# 771

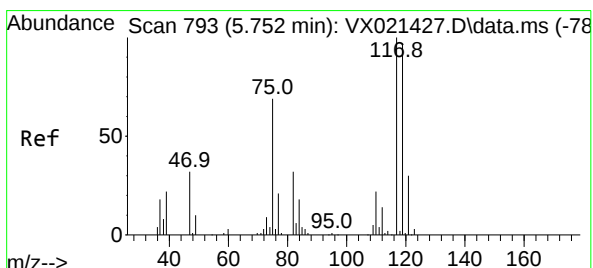
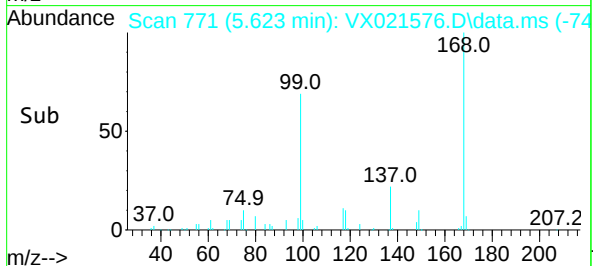
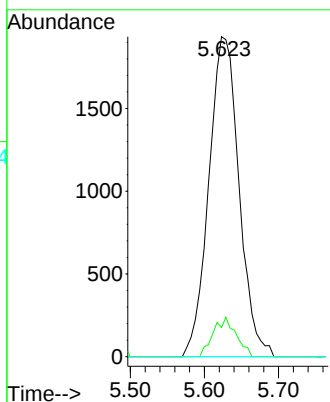
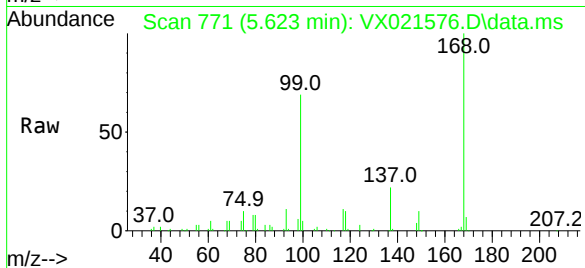
Delta R.T. -0.141 min

Lab File: VX021576.D

Acq: 29 Mar 2021 14:52

Tgt Ion:	75	Resp:	5478
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK



#38

Carbon Tetrachloride

Concen: 5.67 ug/l

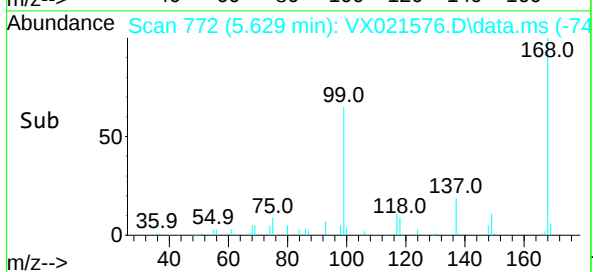
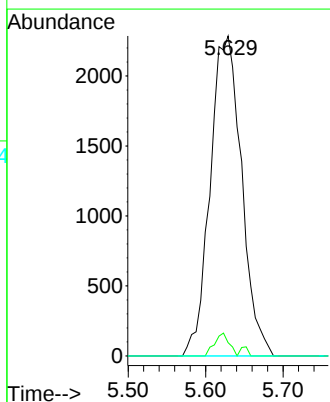
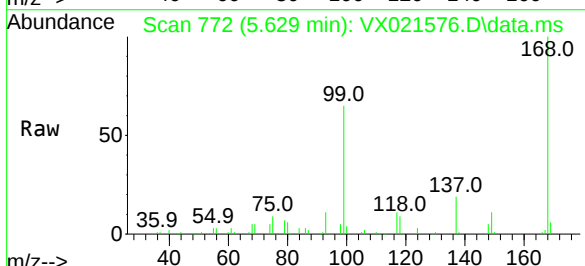
RT: 5.629 min Scan# 772

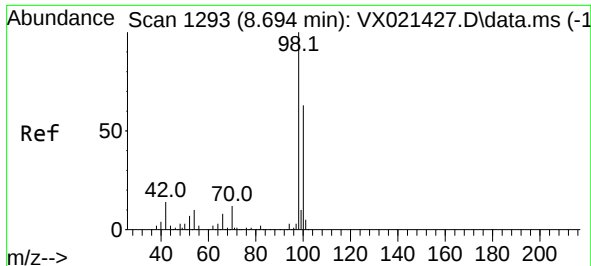
Delta R.T. -0.123 min

Lab File: VX021576.D

Acq: 29 Mar 2021 14:52

Tgt Ion:	117	Resp:	6440
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	24.8	37.2#

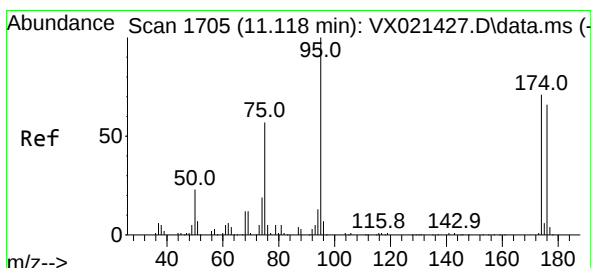
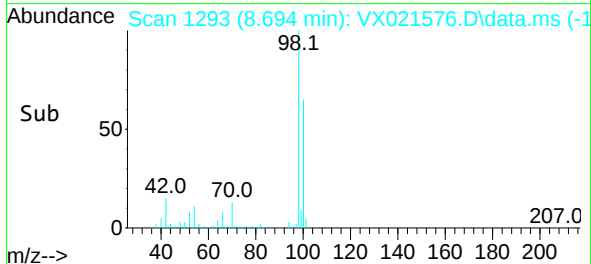
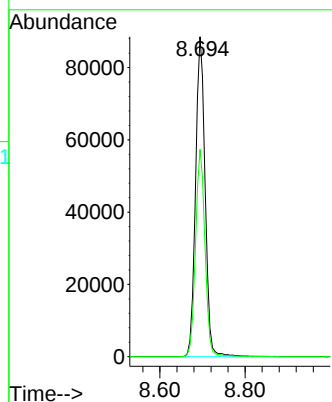
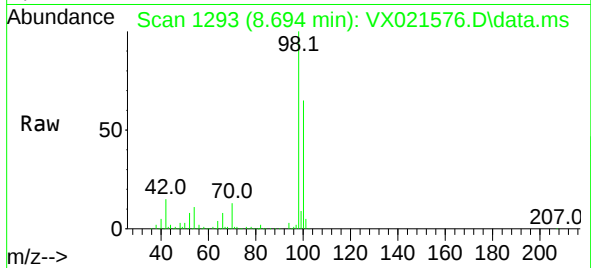




#50
Toluene-d8
Concen: 50.38 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

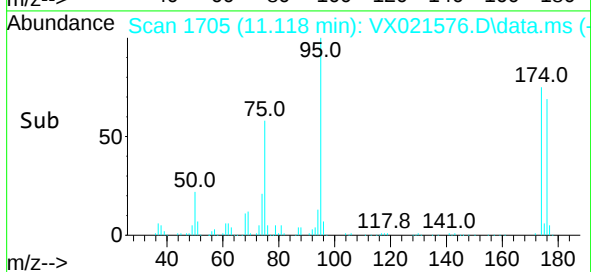
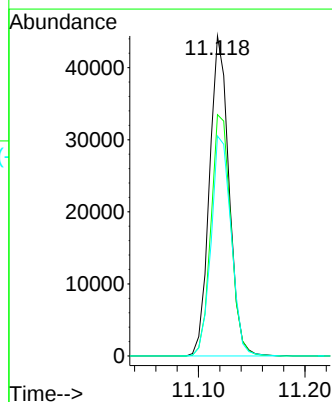
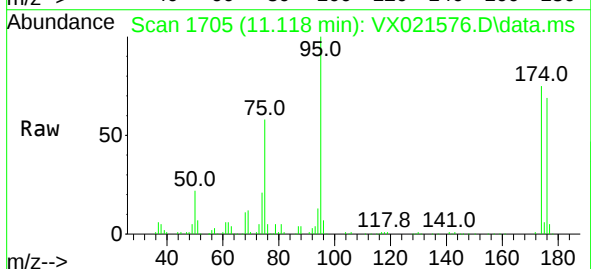
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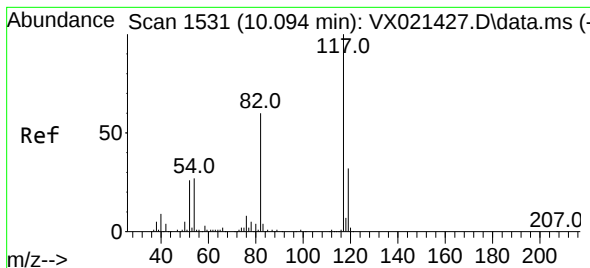
Tgt Ion: 98 Resp: 137630
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion: 95 Resp: 56413
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 70.7 0.0 155.8

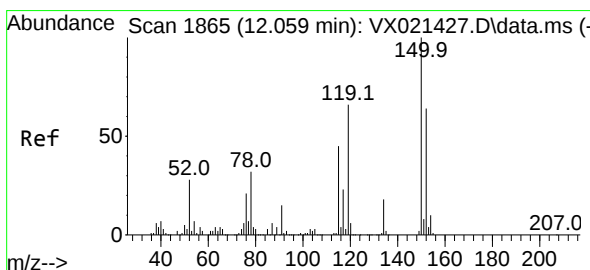
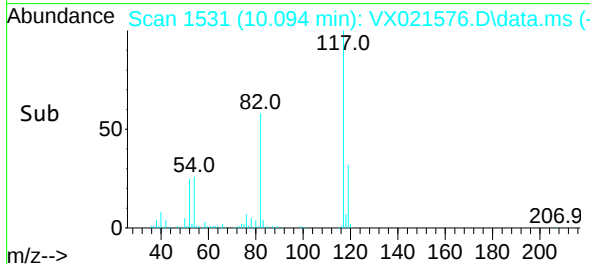
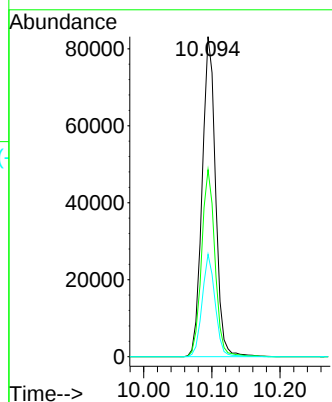
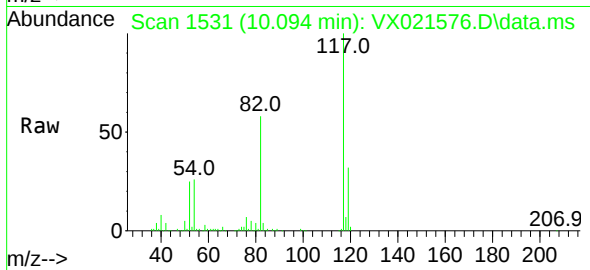




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

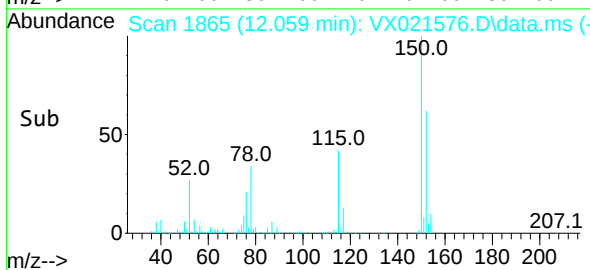
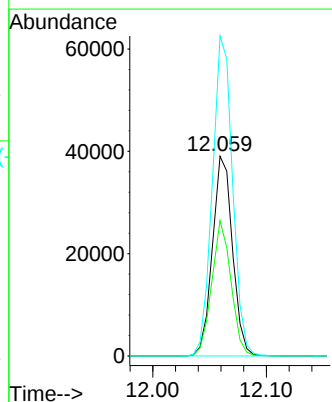
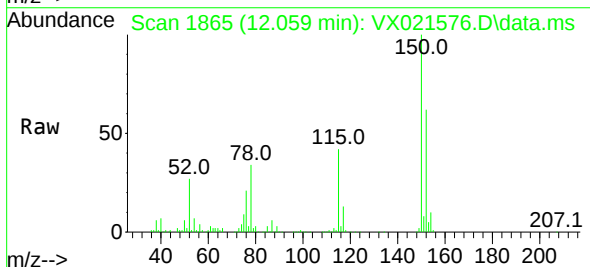
Instrument :
MSVOA_X
ClientSampleId :
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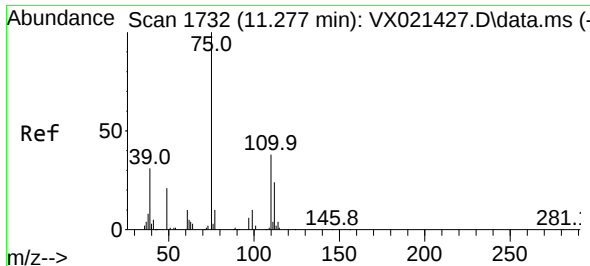
Tgt Ion:117 Resp: 113630
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion:152 Resp: 47890
Ion Ratio Lower Upper
152 100
115 65.0 41.1 123.3
150 161.2 0.0 349.0

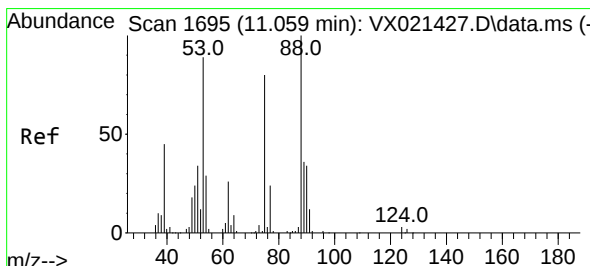
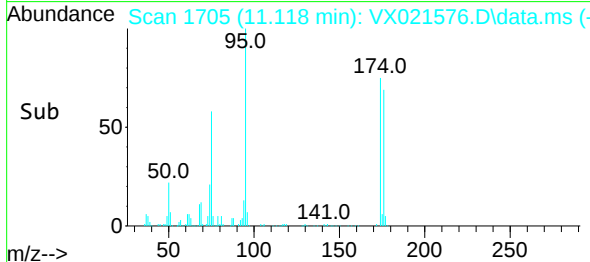
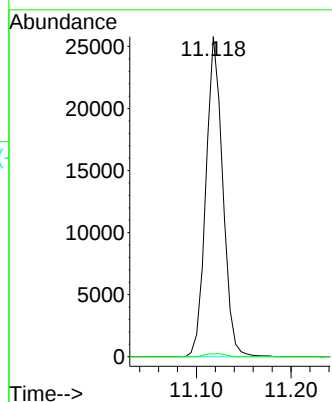
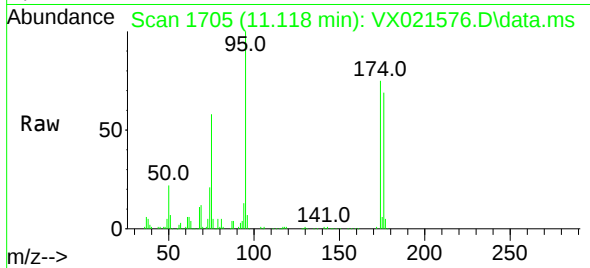




#76
1,2,3-Trichloropropane
Concen: 28.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

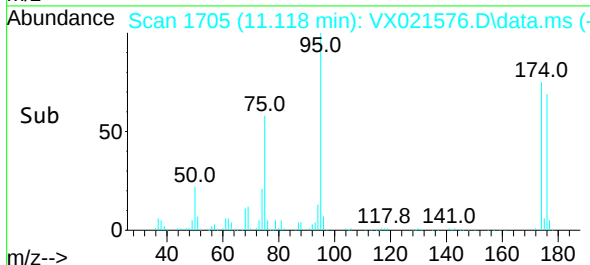
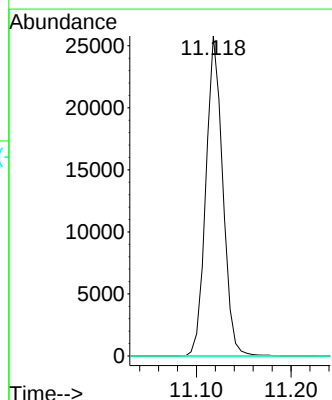
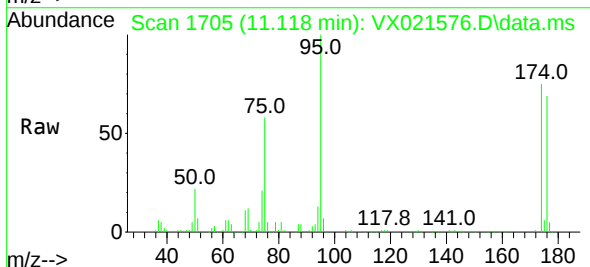
Instrument :
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ClientSampleId :
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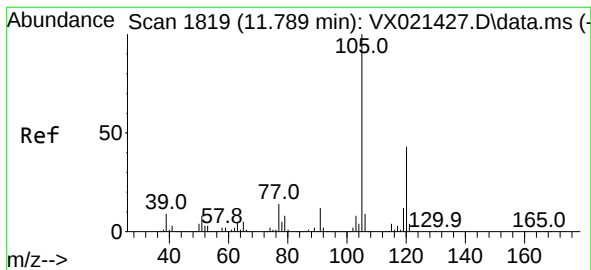
Tgt Ion: 75 Resp: 31824
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021576.D
Acq: 29 Mar 2021 14:52

Tgt Ion: 75 Resp: 31824
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: 0.22 ug/l

RT: 11.789 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VX021576.D

Acq: 29 Mar 2021 14:52

Tgt Ion:105 Resp: 637

Ion Ratio Lower Upper

105 100

120 46.5 22.4 67.3

