

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021570.D
 Acq On : 29 Mar 2021 12:32
 Operator : JC/MD
 Sample : M1787-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210319

Quant Time: Mar 30 03:25:58 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)

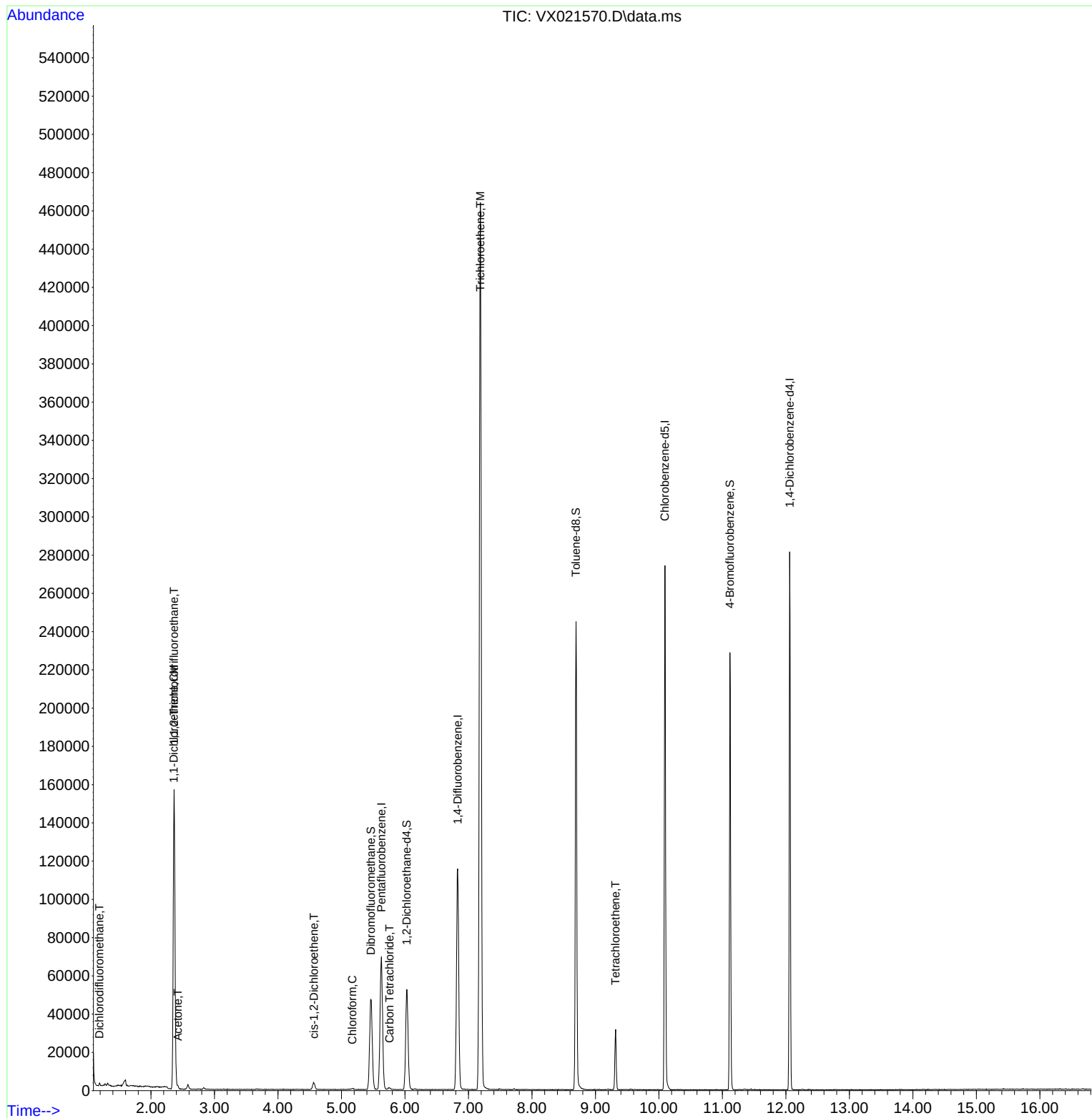
Internal Standards						
1) Pentafluorobenzene	5.629	168	59077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51931	52.83	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.66%	
35) Dibromofluoromethane	5.464	113	39363	50.46	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.92%	
50) Toluene-d8	8.694	98	140469	50.53	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.06%	
62) 4-Bromofluorobenzene	11.118	95	58645	54.26	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	394	0.61	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.364	101	60727	99.87	ug/l	93
12) 1,1-Dichloroethene	2.358	96	772	1.30	ug/l	89
16) Acetone	2.423	43	1266	3.41	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	2032	2.68	ug/l	98
30) Chloroform	5.170	83	664	0.50	ug/l #	68
38) Carbon Tetrachloride	5.758	117	714	0.62	ug/l #	79
44) Trichloroethene	7.188	130	166003	205.86	ug/l	92
64) Tetrachloroethene	9.318	164	5444	7.03	ug/l	96

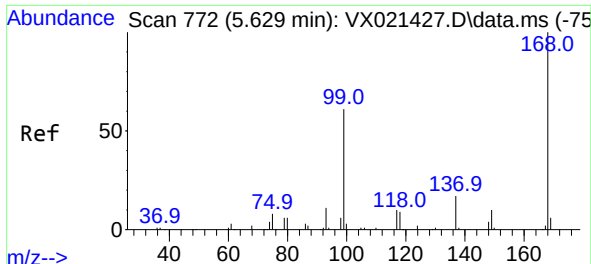
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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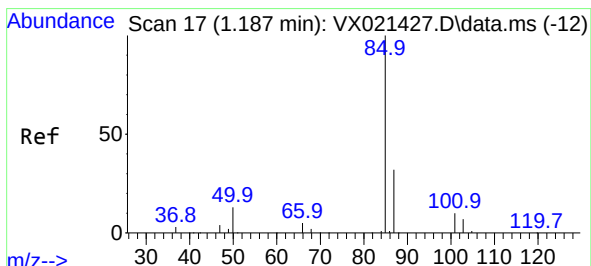
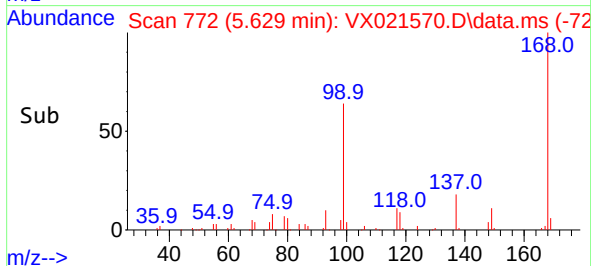
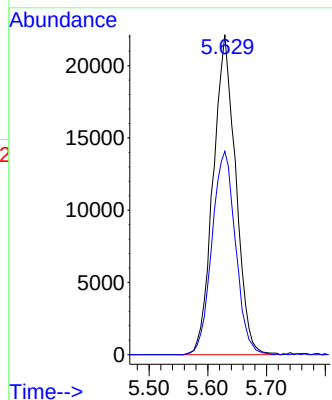
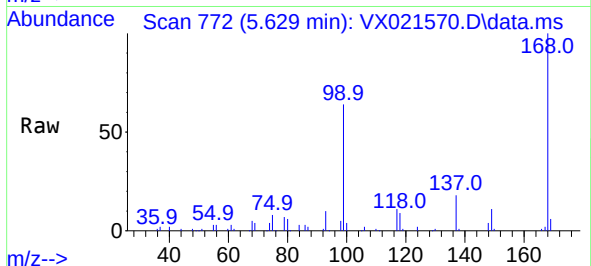




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

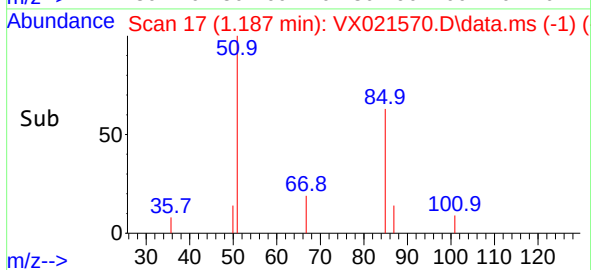
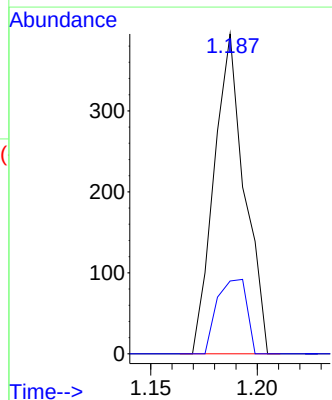
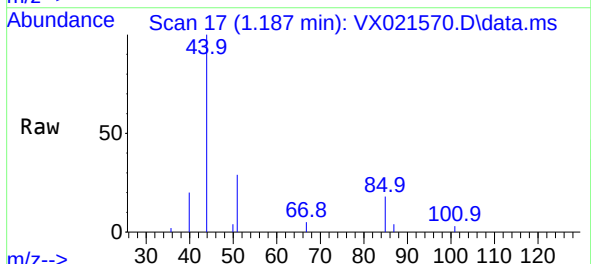
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210319

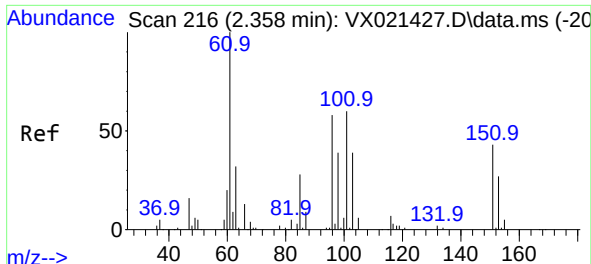
Tgt Ion:168 Resp: 59077
Ion Ratio Lower Upper
168 100
99 63.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.61 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

Tgt Ion: 85 Resp: 394
Ion Ratio Lower Upper
85 100
87 22.8 16.4 49.2

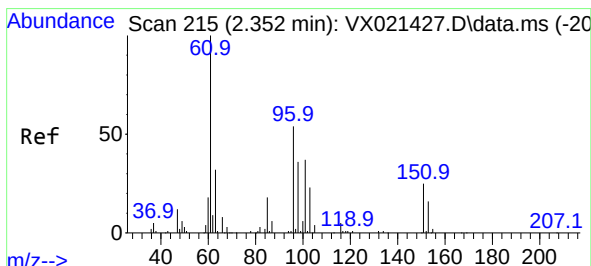
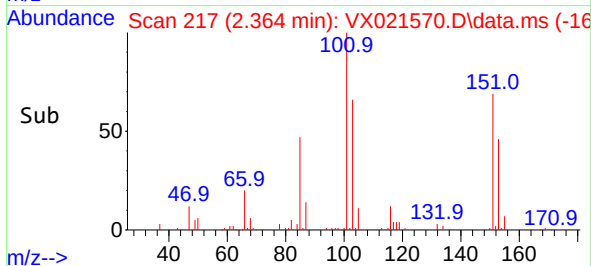
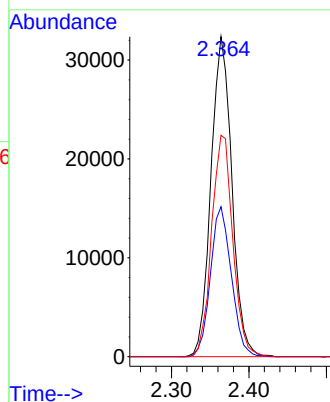
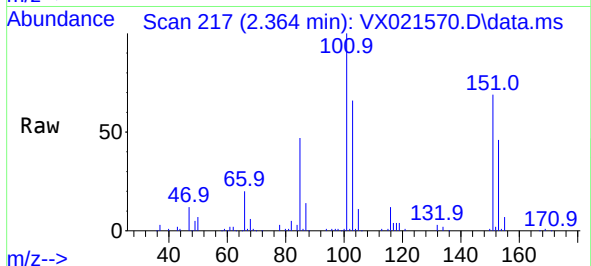




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.87 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

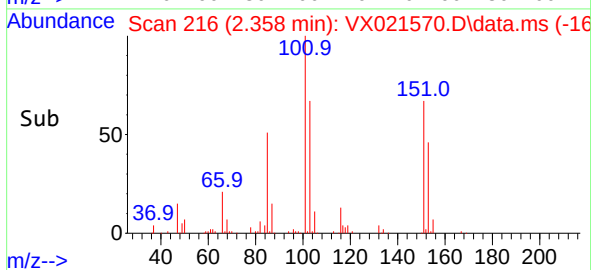
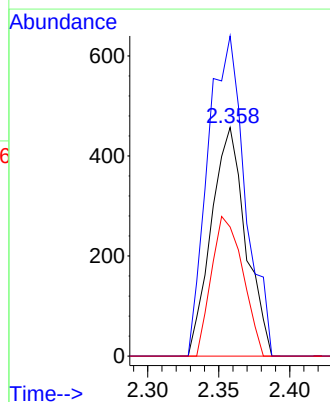
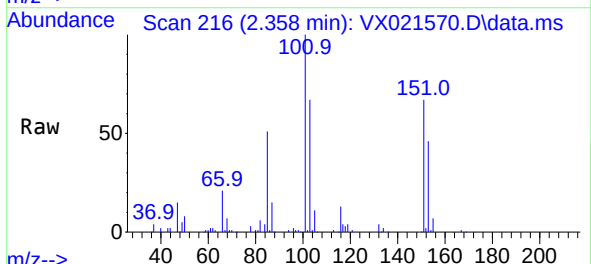
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210319

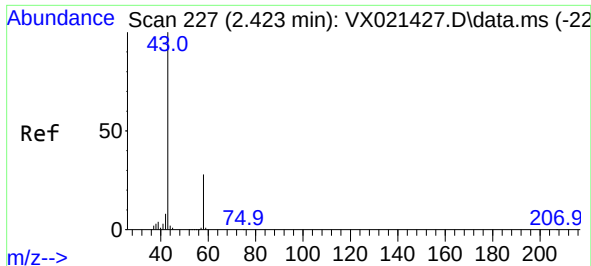
Tgt Ion:101 Resp: 60727
Ion Ratio Lower Upper
101 100
85 46.8 34.9 52.3
151 70.4 61.4 92.2



#12
1,1-Dichloroethene
Concen: 1.30 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

Tgt Ion: 96 Resp: 772
Ion Ratio Lower Upper
96 100
61 140.0 124.6 187.0
98 56.5 50.6 76.0

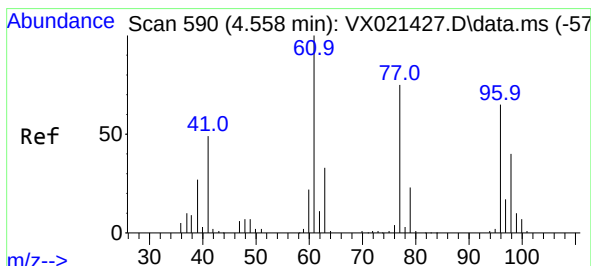
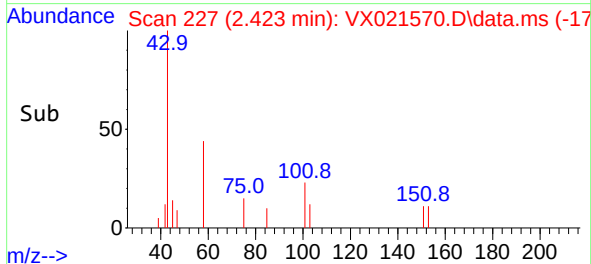
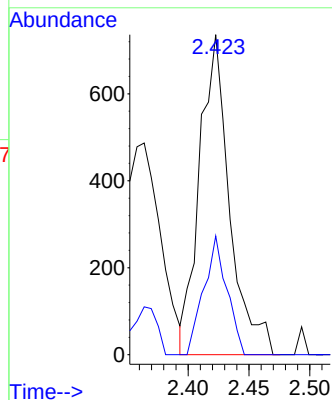
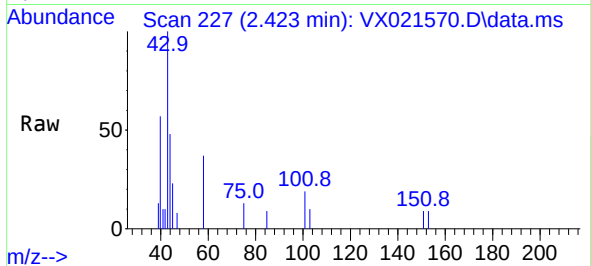




#16
Acetone
Concen: 3.41 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

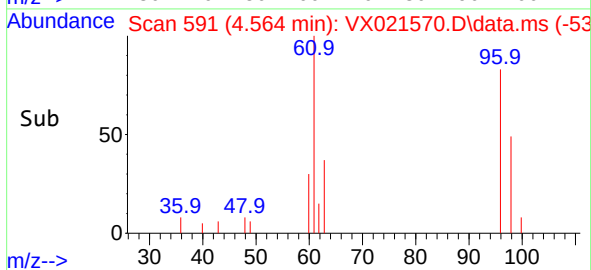
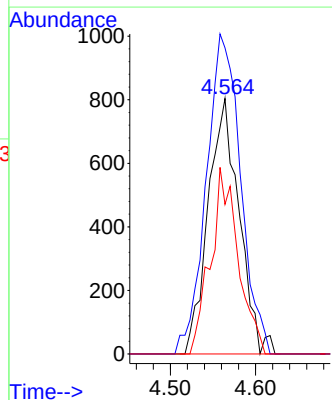
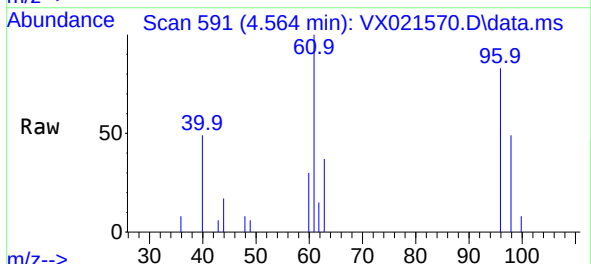
Instrument :
MSVOA_X
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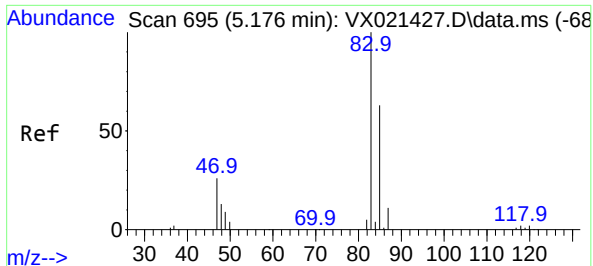
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 37.1 27.8 41.8



#27
cis-1,2-Dichloroethene
Concen: 2.68 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

Tgt Ion: 96 Resp: 2032
Ion Ratio Lower Upper
96 100
61 138.6 0.0 285.6
98 65.0 0.0 129.6



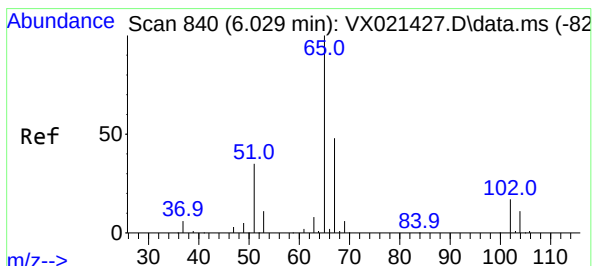
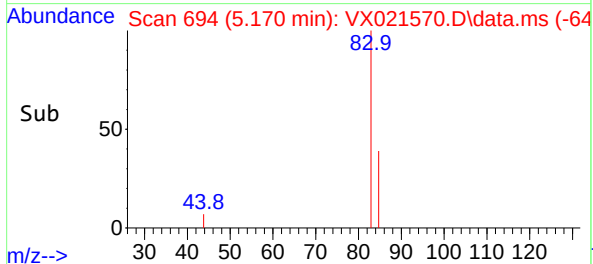
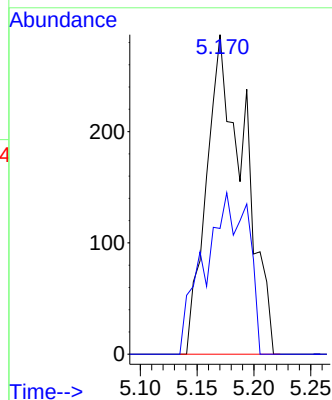
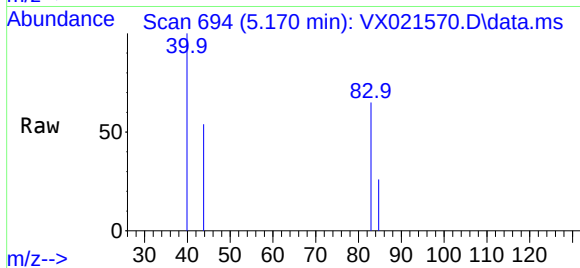


#30

Chloroform
Concen: 0.50 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210319

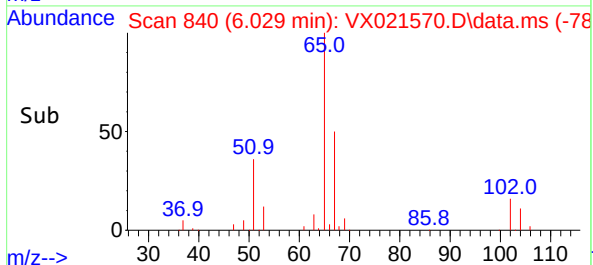
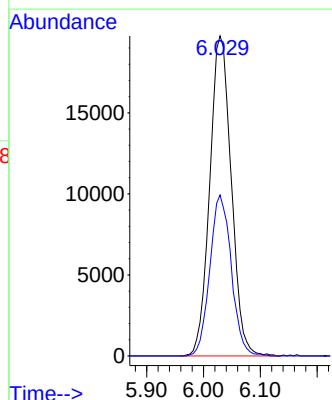
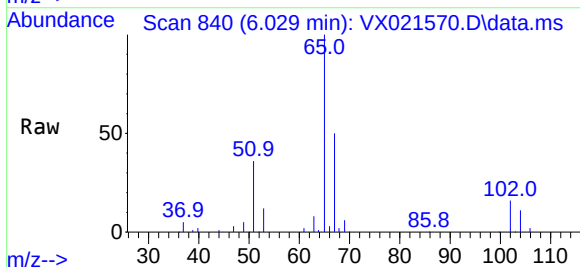
Tgt Ion: 83 Resp: 664
Ion Ratio Lower Upper
83 100
85 39.4 52.0 78.0#

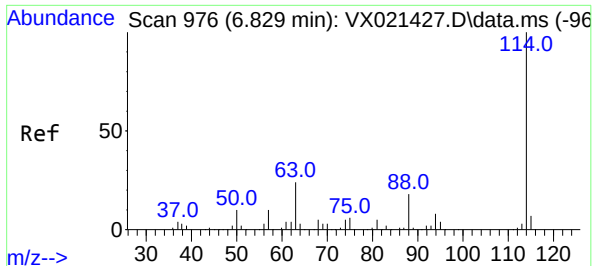


#33

1,2-Dichloroethane-d4
Concen: 52.83 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

Tgt Ion: 65 Resp: 51931
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

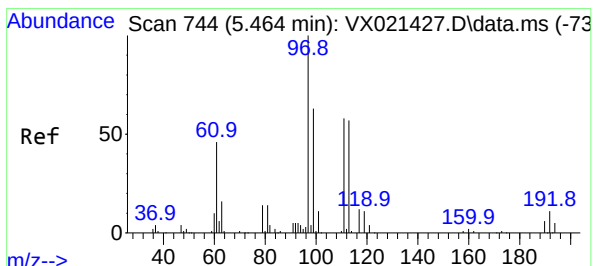
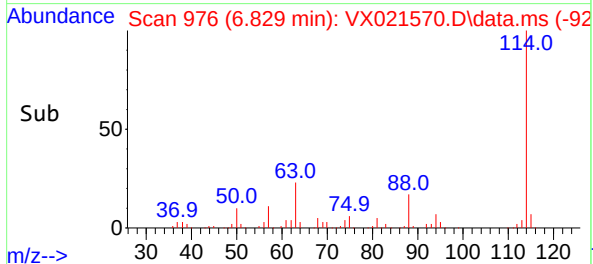
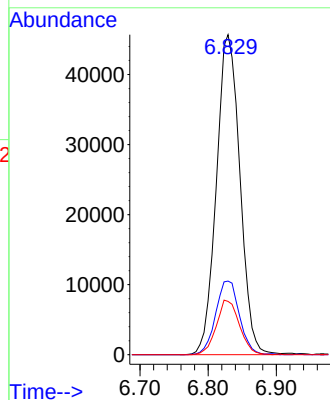
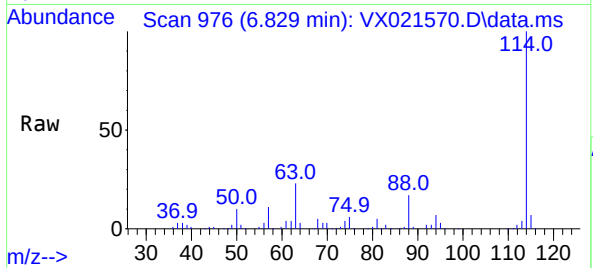




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

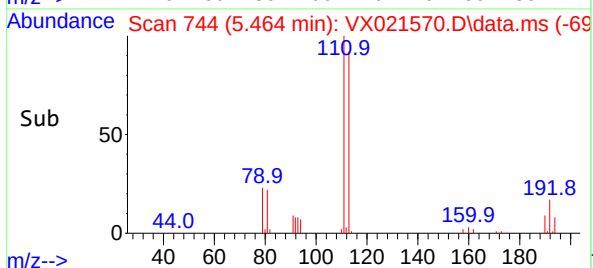
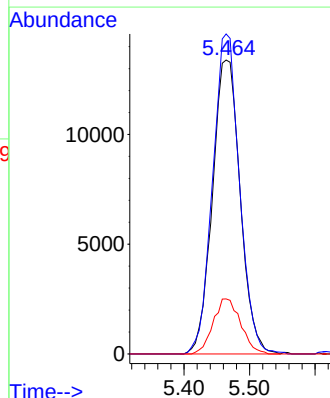
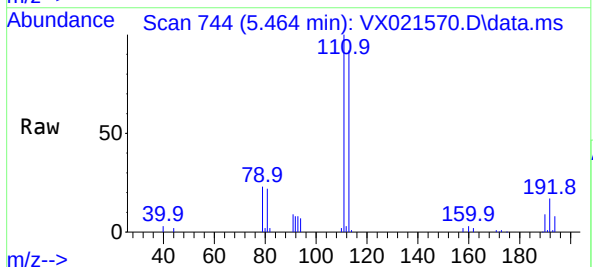
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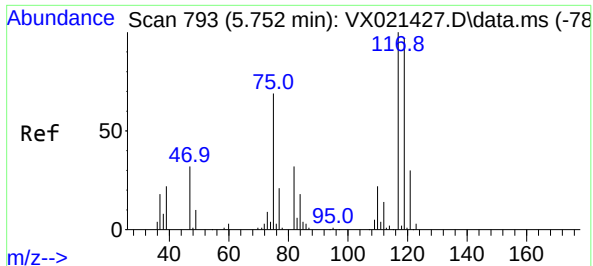
Tgt Ion:114 Resp: 109827
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.46 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

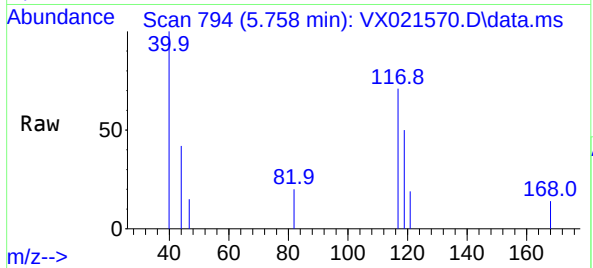
Tgt Ion:113 Resp: 39363
Ion Ratio Lower Upper
113 100
111 105.1 81.9 122.9
192 18.5 16.7 25.1



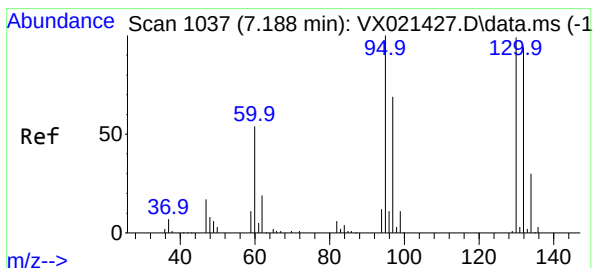
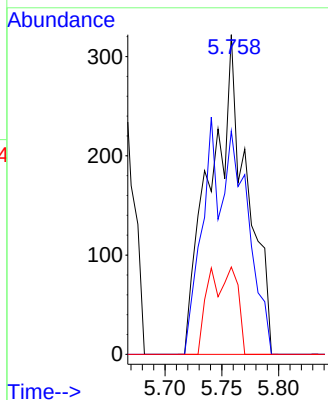
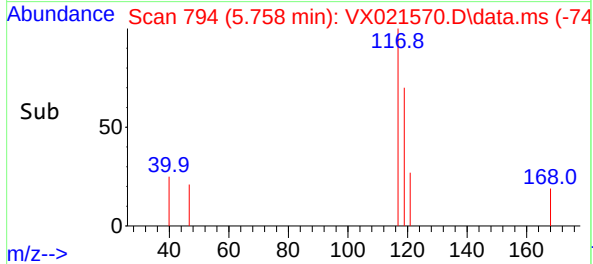


#38
Carbon Tetrachloride
Concen: 0.62 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

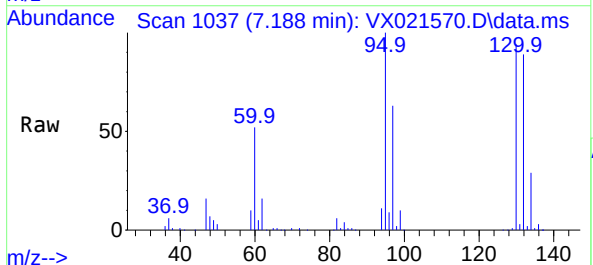
Instrument :
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ClientSampleId :
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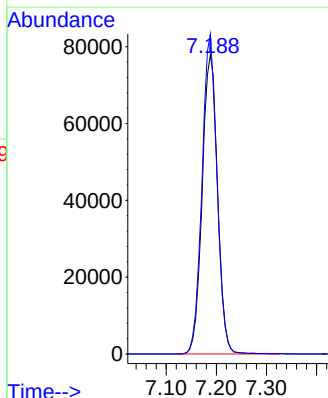
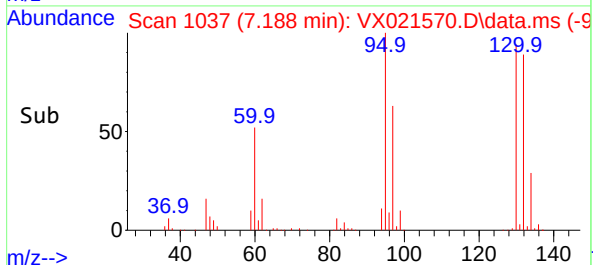
Tgt Ion:117 Resp: 714
Ion Ratio Lower Upper
117 100
119 69.9 76.2 114.2#
121 27.3 24.8 37.2

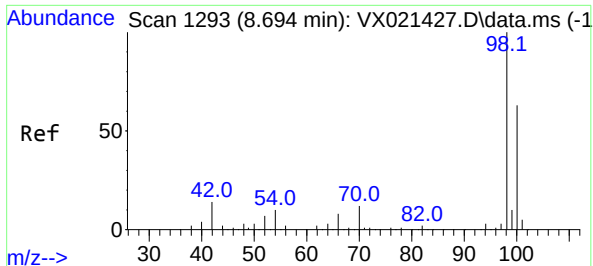


#44
Trichloroethene
Concen: 205.86 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32



Tgt Ion:130 Resp: 166003
Ion Ratio Lower Upper
130 100
95 106.9 0.0 198.0

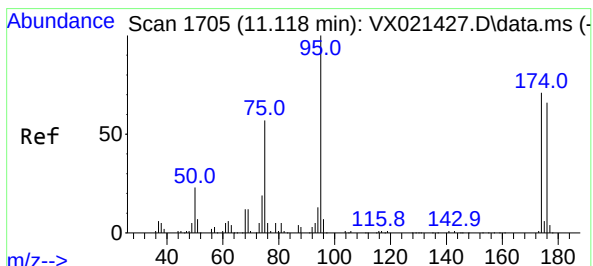
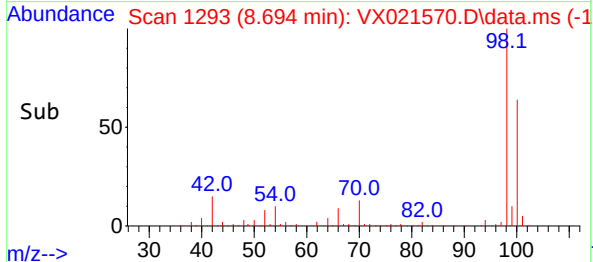
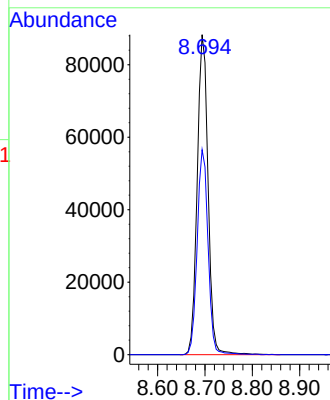
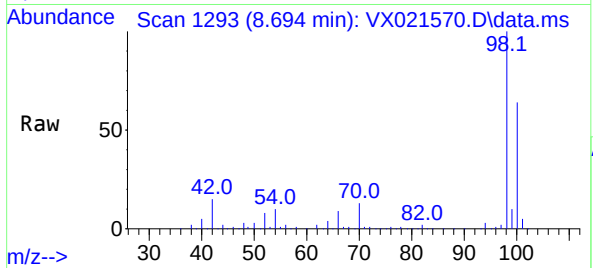




#50
Toluene-d8
Concen: 50.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

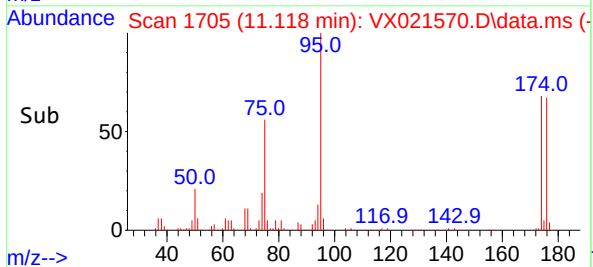
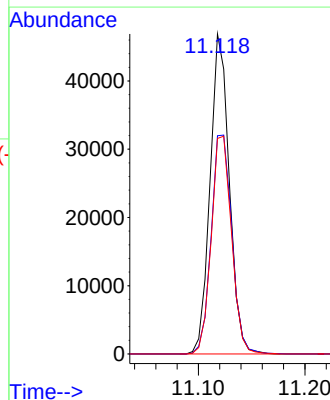
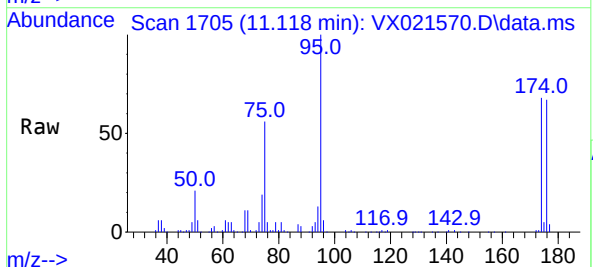
Instrument :
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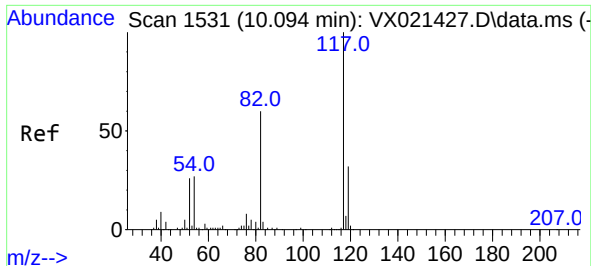
Tgt Ion: 98 Resp: 140469
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.26 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

Tgt Ion: 95 Resp: 58645
Ion Ratio Lower Upper
95 100
174 73.7 0.0 154.6
176 71.8 0.0 155.8

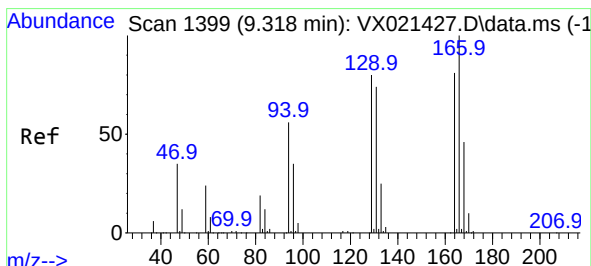
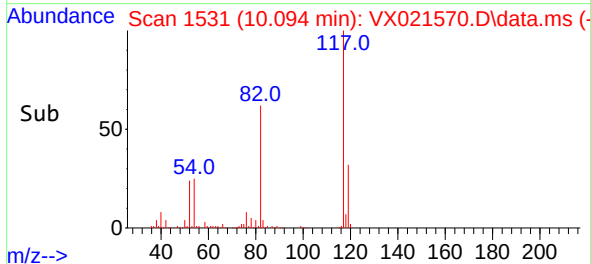
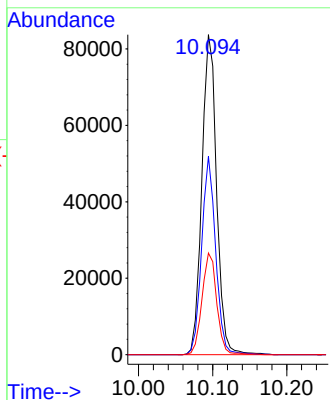
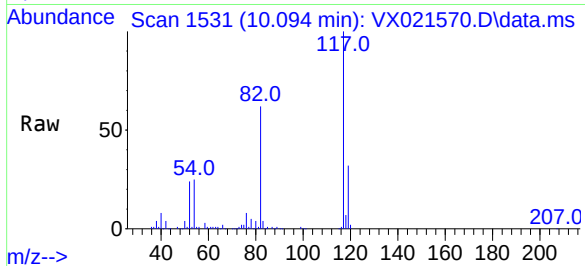




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

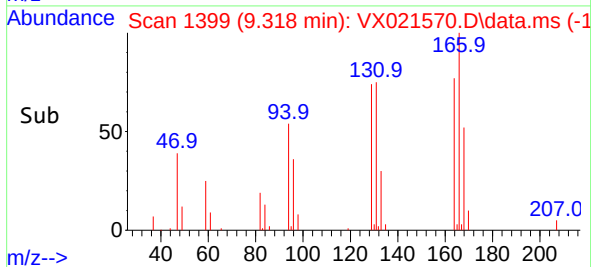
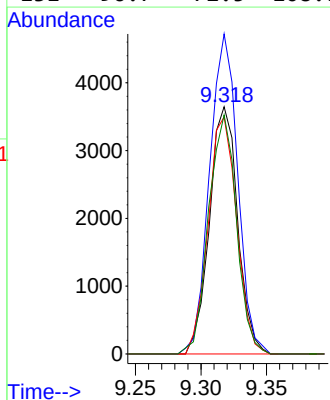
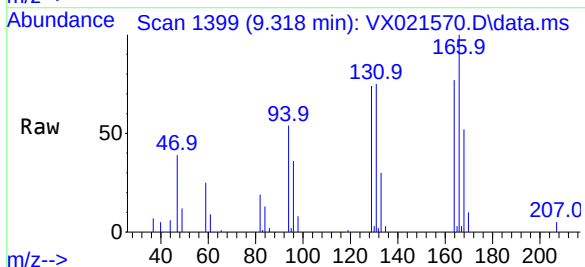
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20210319

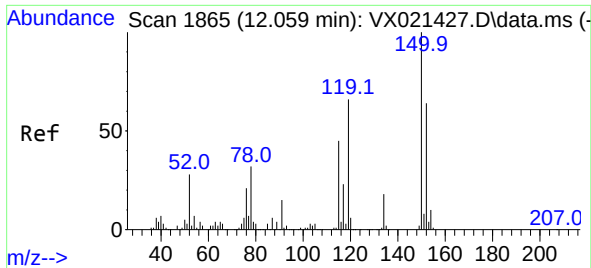
Tgt Ion:	117	Resp:	115653
Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	31.7	26.6	39.8



#64
Tetrachloroethene
Concen: 7.03 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021570.D
Acq: 29 Mar 2021 12:32

Tgt Ion:	164	Resp:	5444
Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.4	155.2
129	95.9	70.8	106.2
131	96.7	72.5	108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021570.D
 Acq: 29 Mar 2021 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20210319

Tgt Ion:	152	Resp:	54164
Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	152.3	0.0	349.0

