

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021337.D
 Acq On : 20 Mar 2021 09:23
 Operator : JC/MD
 Sample : M1735-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20210317

Quant Time: Mar 22 00:53:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

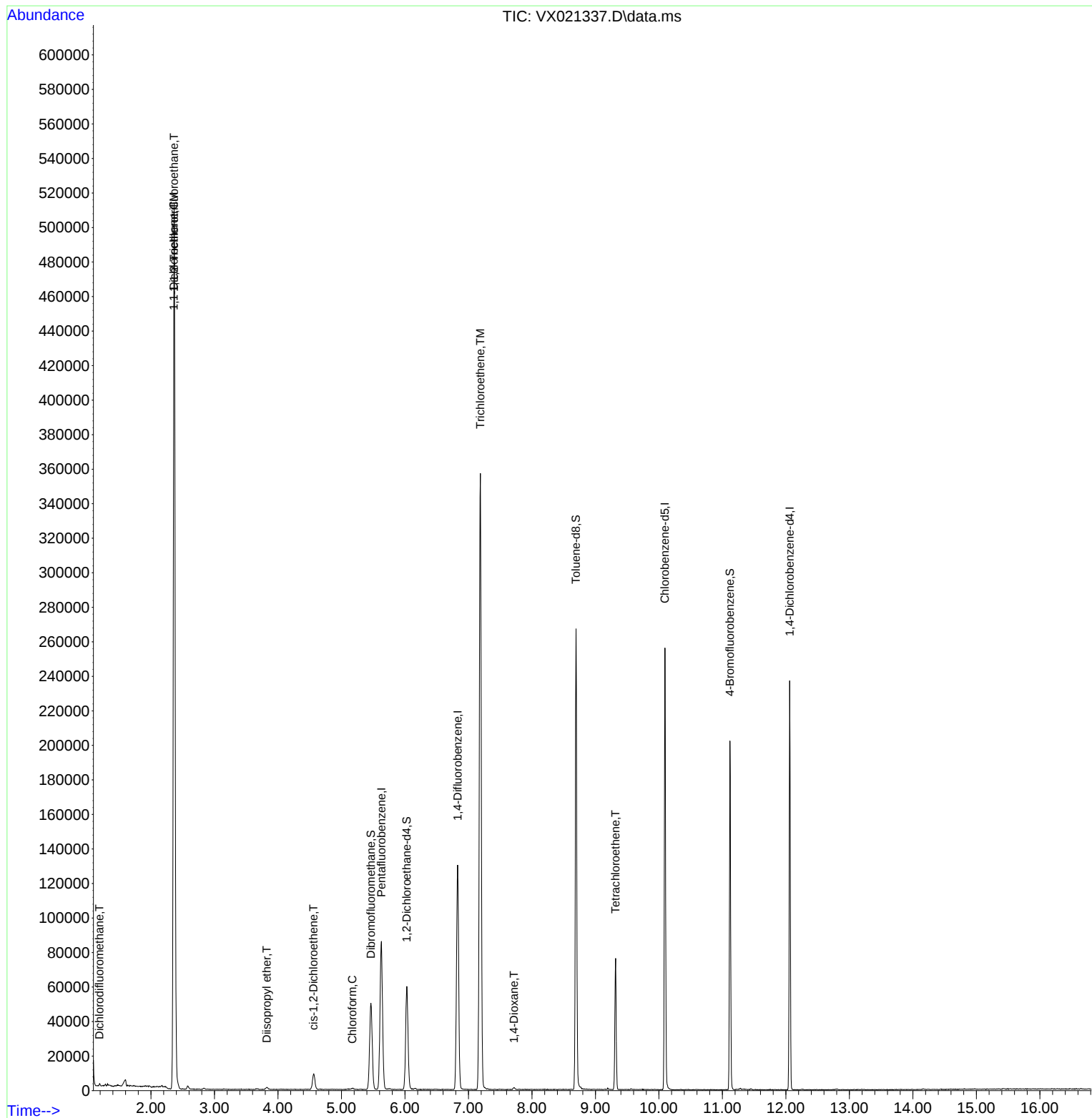
Internal Standards						
1) Pentafluorobenzene	5.629	168	71824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	120703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	104358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	41653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58734	49.86	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.72%
35) Dibromofluoromethane	5.464	113	40913	49.81	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.62%
50) Toluene-d8	8.694	98	147845	49.61	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.22%
62) 4-Bromofluorobenzene	11.118	95	51943	44.88	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.76%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	324	0.38	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.364	101	196822	262.21	ug/l	96
12) 1,1-Dichloroethene	2.358	96	2251	3.07	ug/l	92
22) Diisopropyl ether	3.823	45	1157	0.40	ug/l #	94
27) cis-1,2-Dichloroethene	4.558	96	5211	5.55	ug/l	99
30) Chloroform	5.170	83	748	0.46	ug/l	98
44) Trichloroethene	7.188	130	124834	140.22	ug/l	89
49) 1,4-Dioxane	7.717	88	778	26.37	ug/l #	86
64) Tetrachloroethene	9.318	164	13085	16.79	ug/l	99

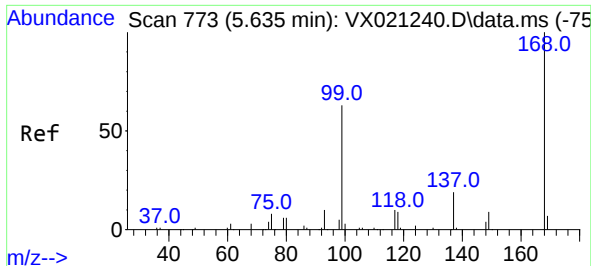
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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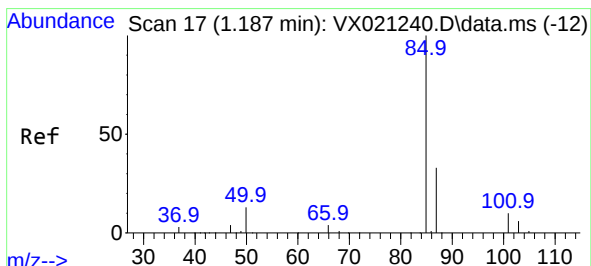
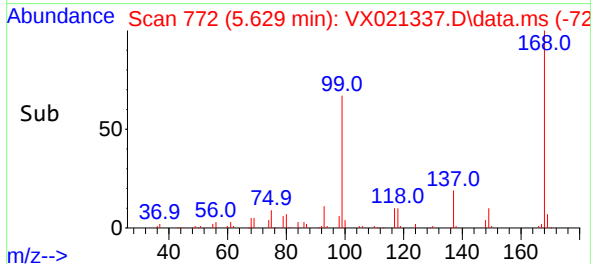
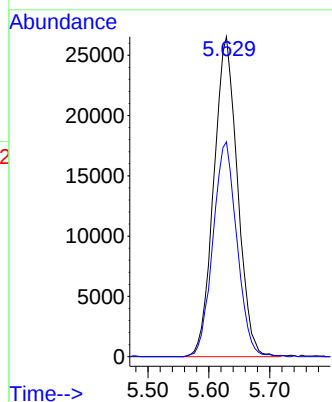
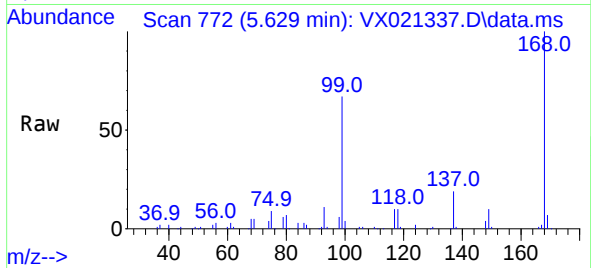




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

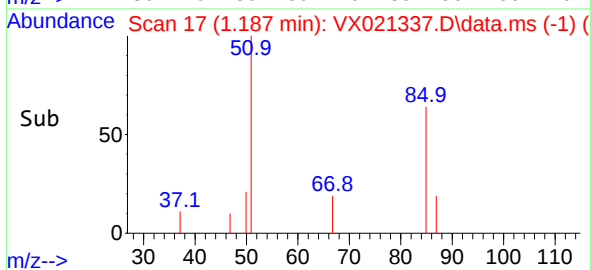
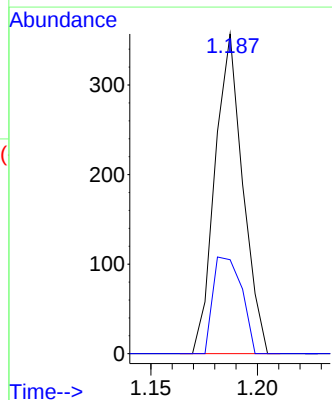
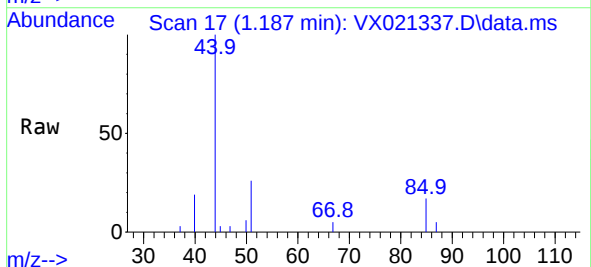
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317

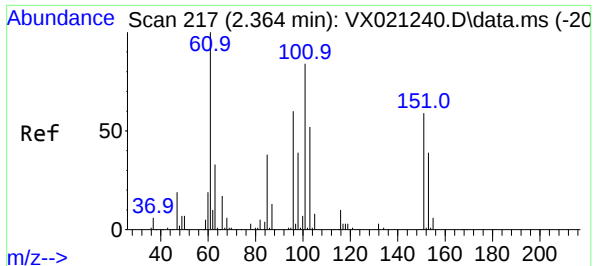
Tgt Ion:168 Resp: 71824
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.38 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

Tgt Ion: 85 Resp: 324
Ion Ratio Lower Upper
85 100
87 29.4 16.4 49.2

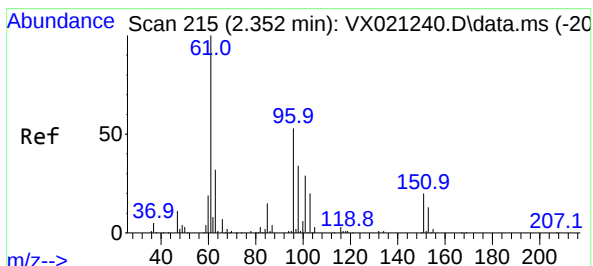
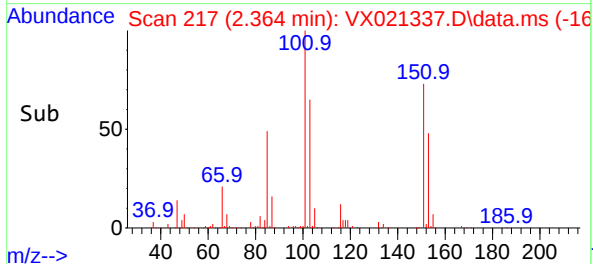
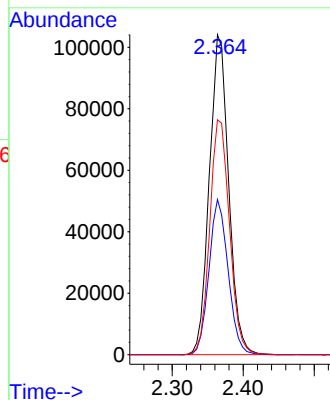
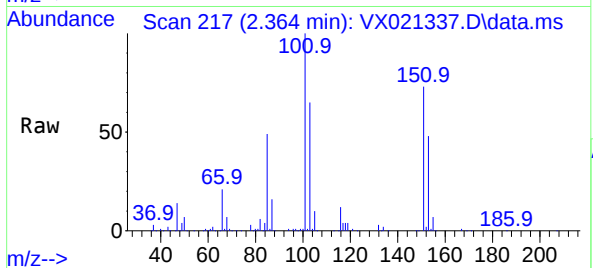




#9
1,1,2-Trichlorotrifluoroethane
Concen: 262.21 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

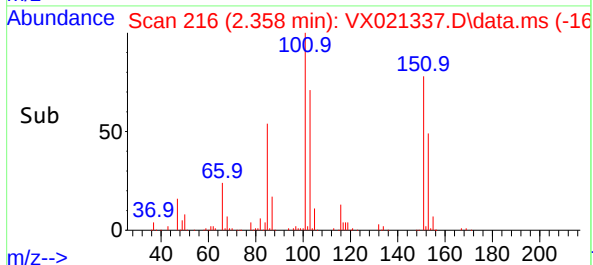
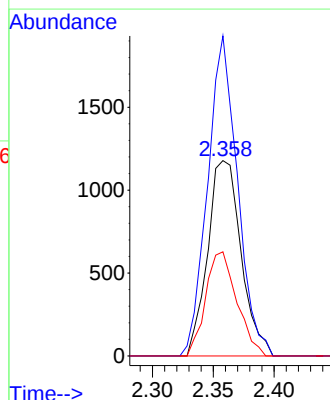
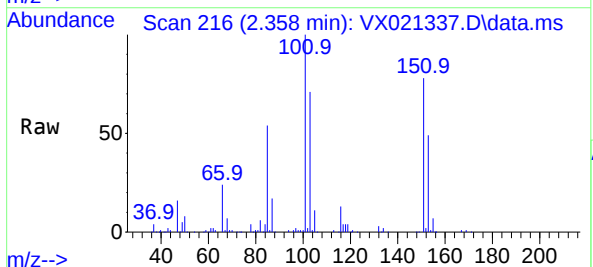
Instrument :
MSVOA_X
ClientSampleId :
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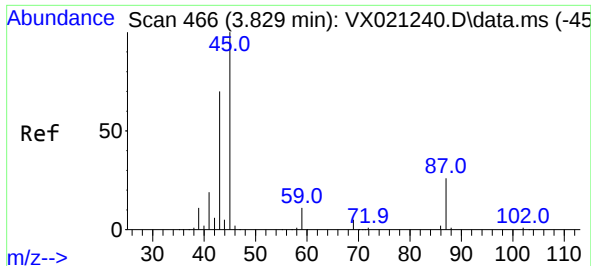
Tgt Ion:101 Resp: 196822
Ion Ratio Lower Upper
101 100
85 48.1 34.9 52.3
151 75.1 61.4 92.2



#12
1,1-Dichloroethene
Concen: 3.07 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

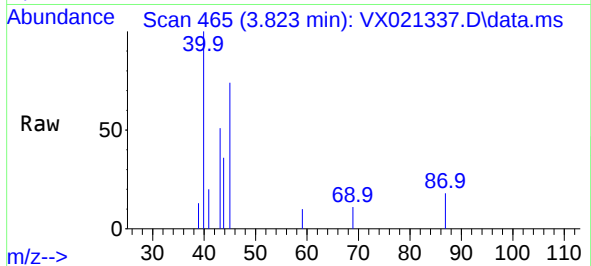
Tgt Ion: 96 Resp: 2251
Ion Ratio Lower Upper
96 100
61 163.8 124.6 187.0
98 53.3 50.6 76.0





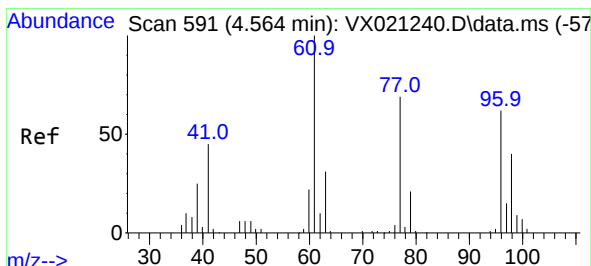
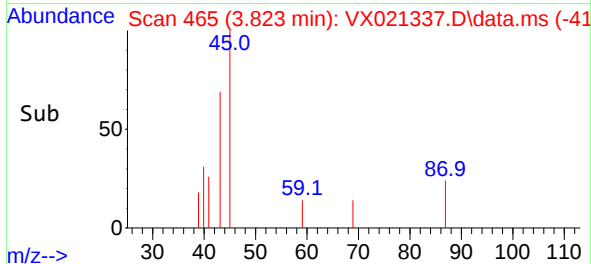
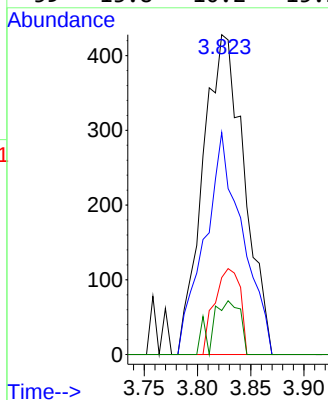
#22
Diisopropyl ether
Concen: 0.40 ug/l
RT: 3.823 min Scan# 465
Delta R.T. -0.006 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

Instrument :
MSVOA_X
ClientSampleId :
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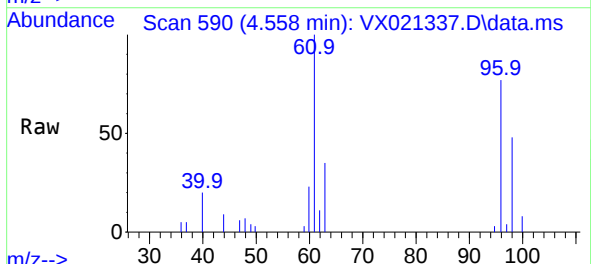


Tgt Ion: 45 Resp: 1157

Ion	Ratio	Lower	Upper
45	100		
43	69.4	58.0	87.0
87	24.1	25.4	38.0#
59	13.8	10.2	15.2

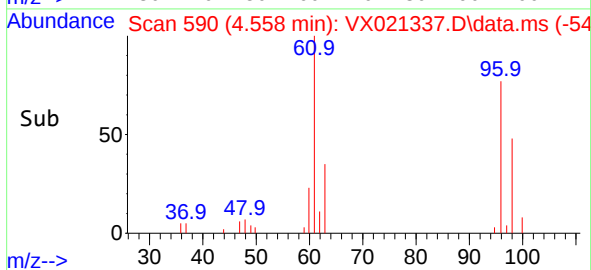
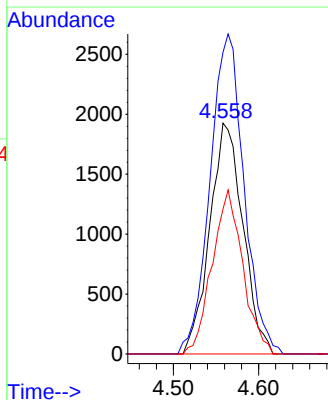


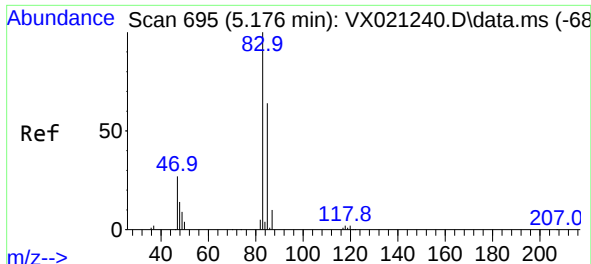
#27
cis-1,2-Dichloroethene
Concen: 5.55 ug/l
RT: 4.558 min Scan# 590
Delta R.T. -0.006 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23



Tgt Ion: 96 Resp: 5211

Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	285.6
98	65.7	0.0	129.6

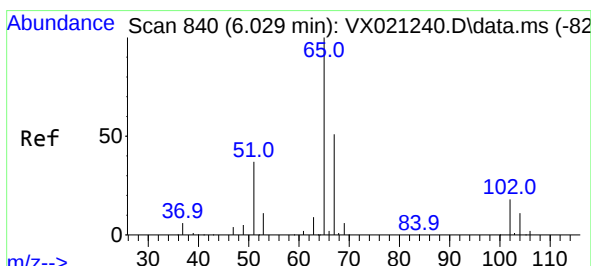
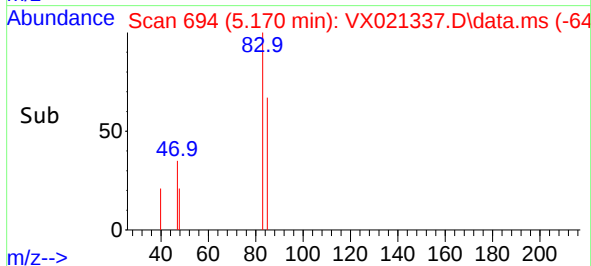
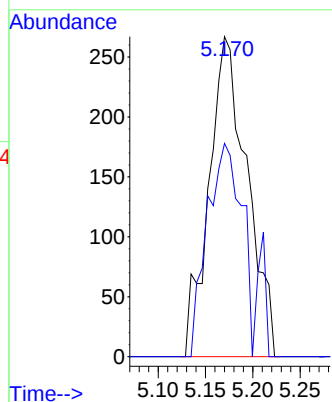
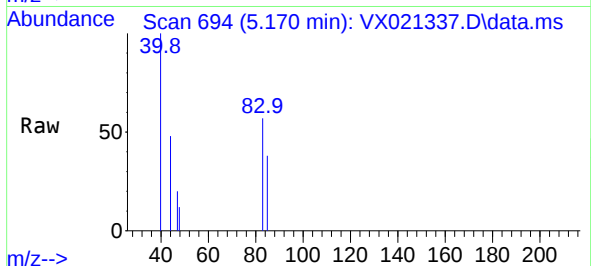




#30
Chloroform
Concen: 0.46 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

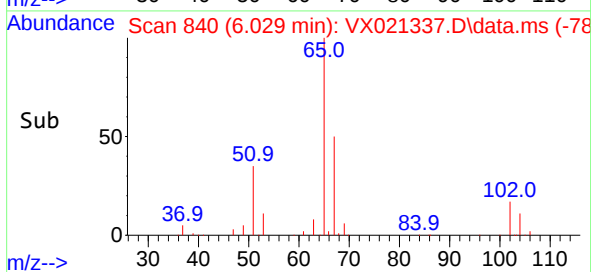
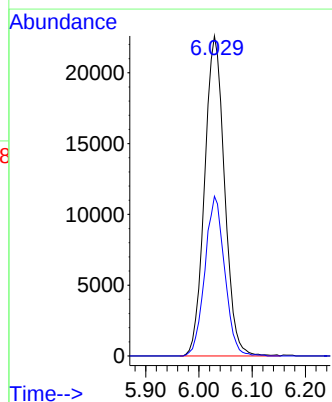
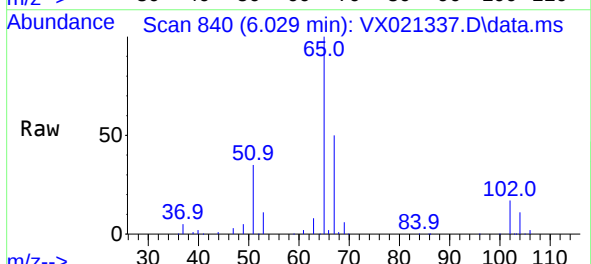
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317

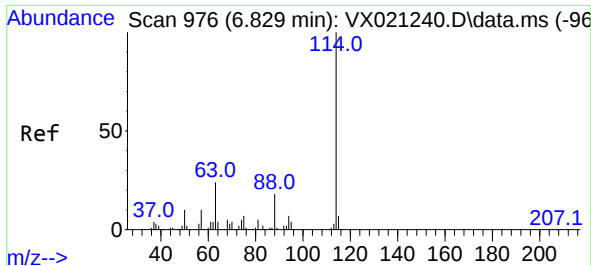
Tgt Ion: 83 Resp: 748
Ion Ratio Lower Upper
83 100
85 66.7 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.86 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

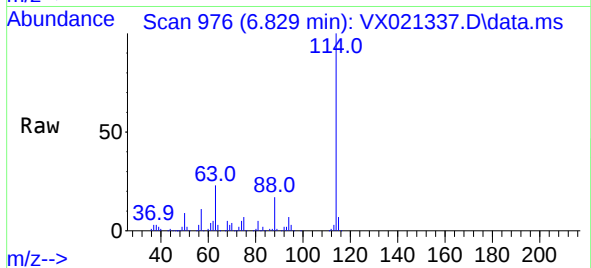
Tgt Ion: 65 Resp: 58734
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4



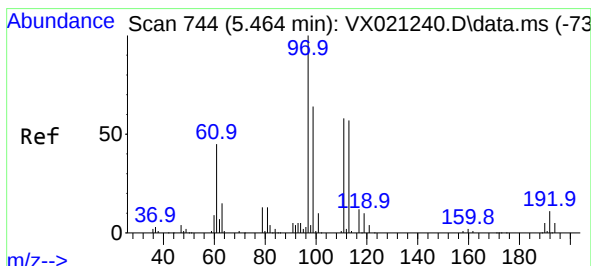
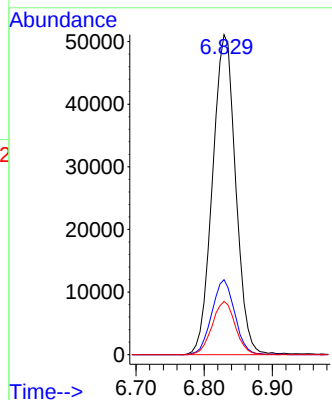
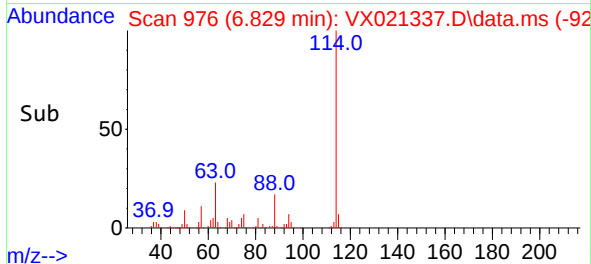


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

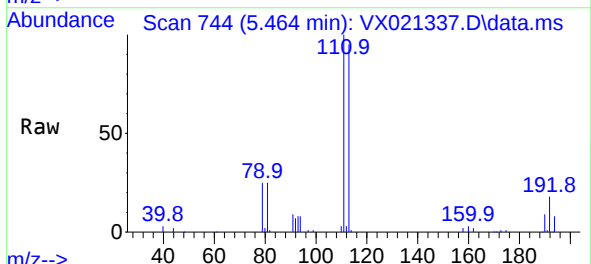
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317



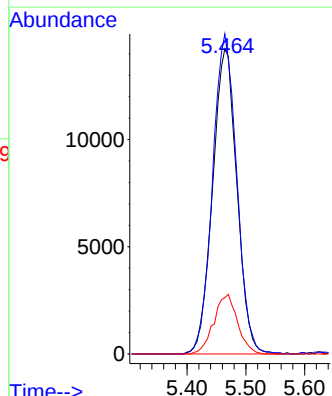
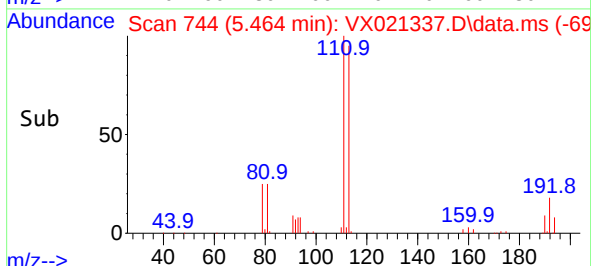
Tgt Ion:114 Resp: 120703
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 16.7 0.0 32.8

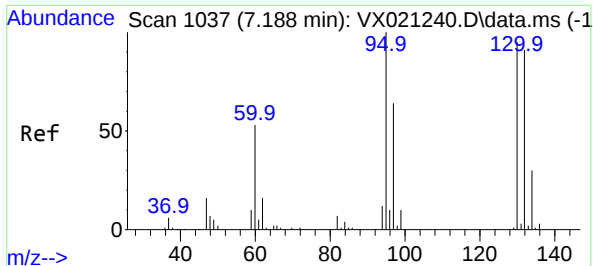


#35
Dibromofluoromethane
Concen: 49.81 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23



Tgt Ion:113 Resp: 40913
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 19.0 16.7 25.1

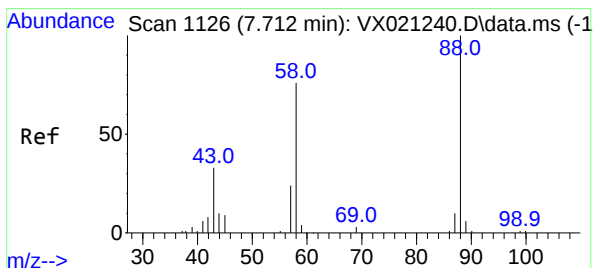
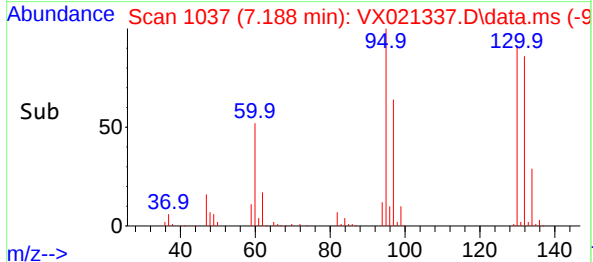
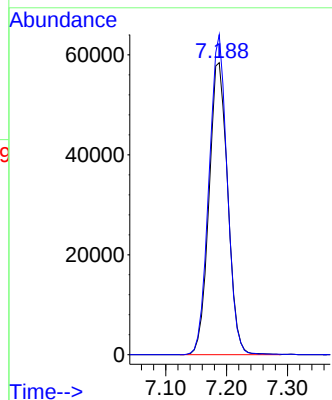
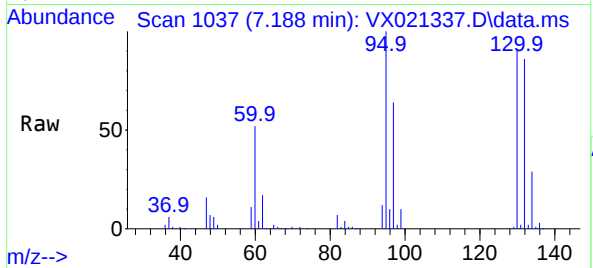




#44
Trichloroethene
Concen: 140.22 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

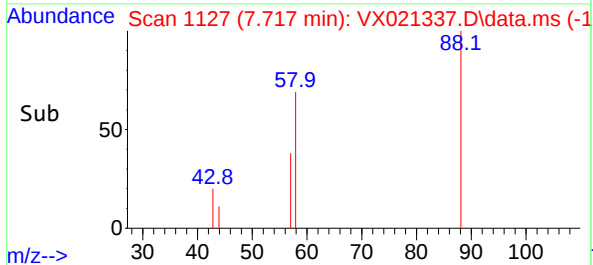
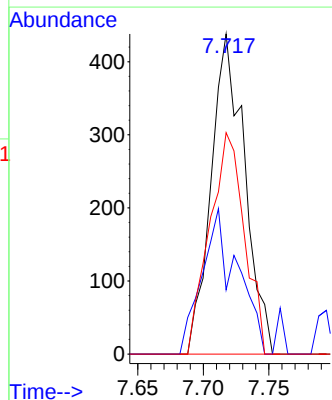
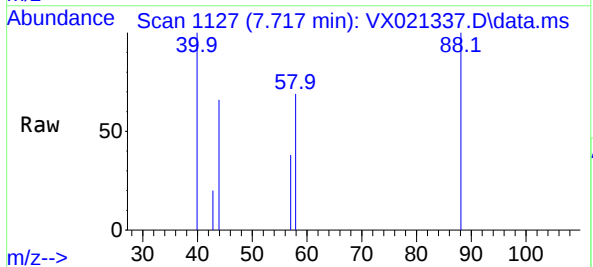
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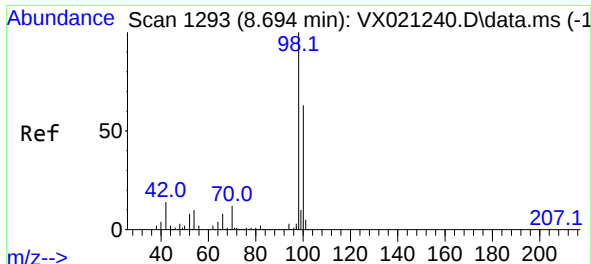
Tgt Ion:130 Resp: 124834
Ion Ratio Lower Upper
130 100
95 109.6 0.0 198.0



#49
1,4-Dioxane
Concen: 26.37 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

Tgt Ion: 88 Resp: 778
Ion Ratio Lower Upper
88 100
43 48.2 23.2 34.8#
58 72.0 55.0 82.4

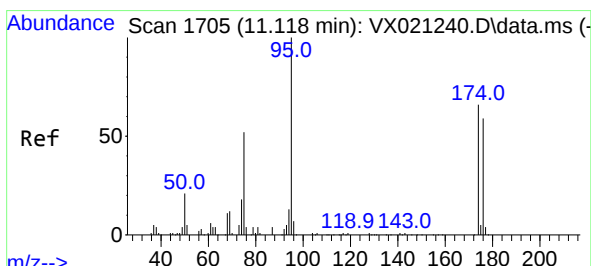
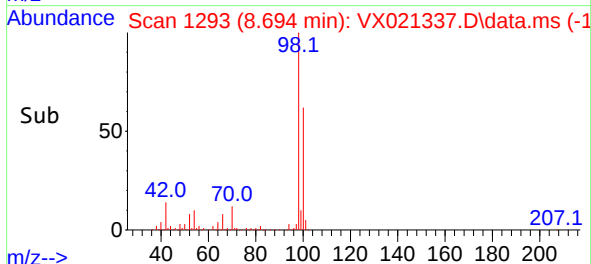
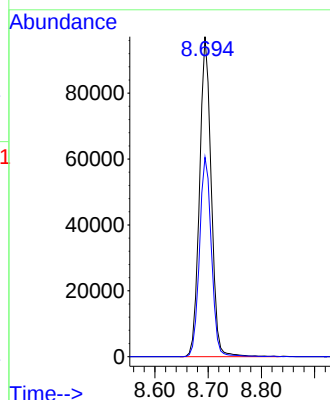
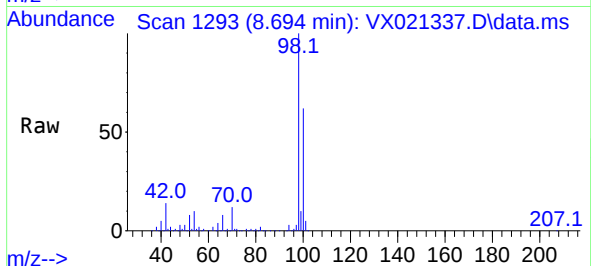




#50
Toluene-d8
Concen: 49.61 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

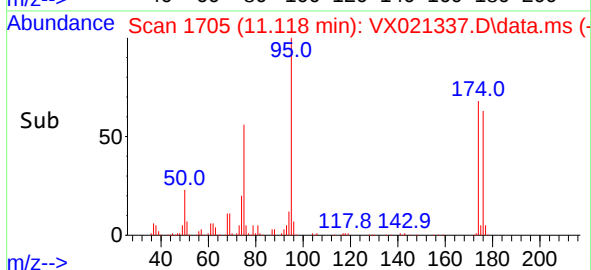
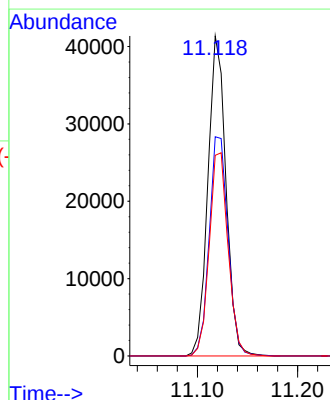
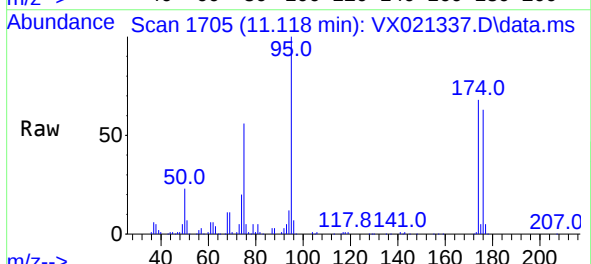
Instrument :
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ClientSampleId :
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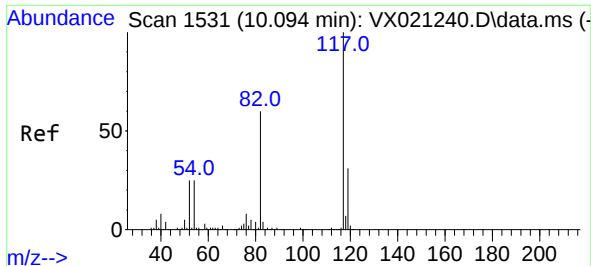
Tgt Ion: 98 Resp: 147845
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.88 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

Tgt Ion: 95 Resp: 51943
Ion Ratio Lower Upper
95 100
174 71.5 0.0 154.6
176 66.3 0.0 155.8

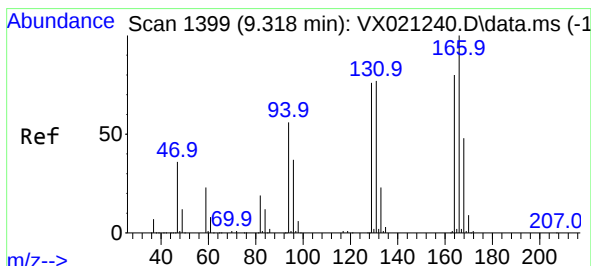
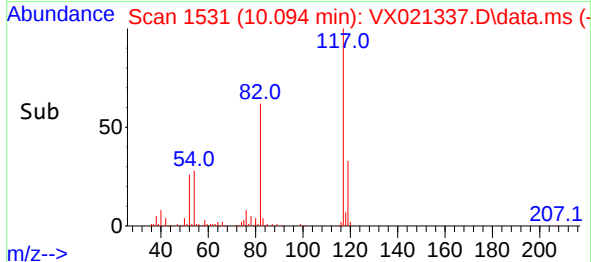
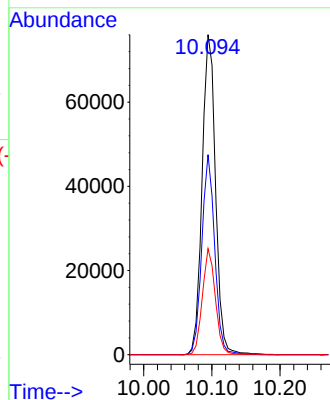
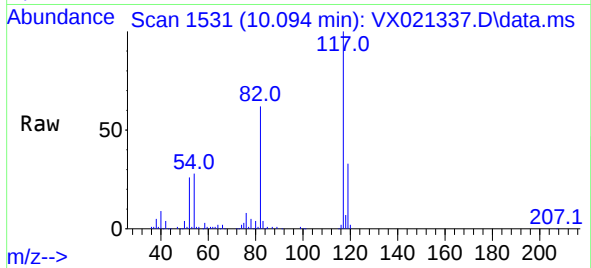




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

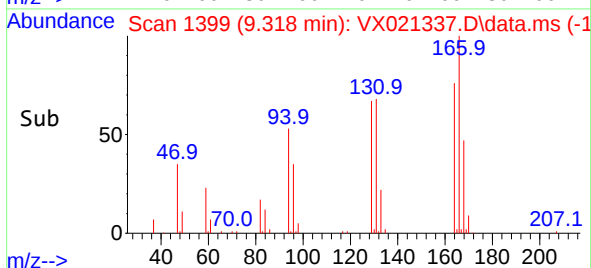
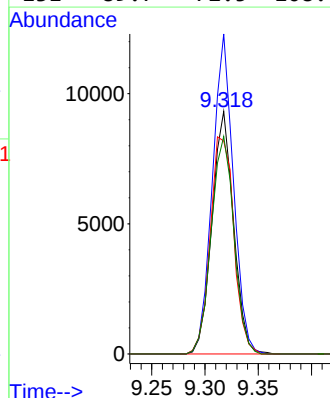
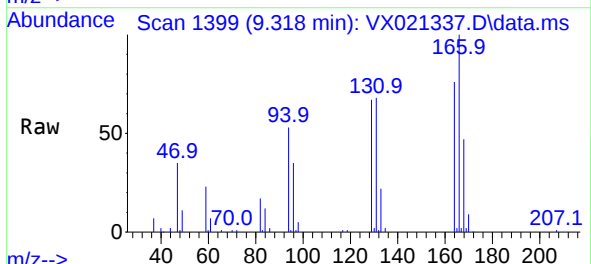
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317

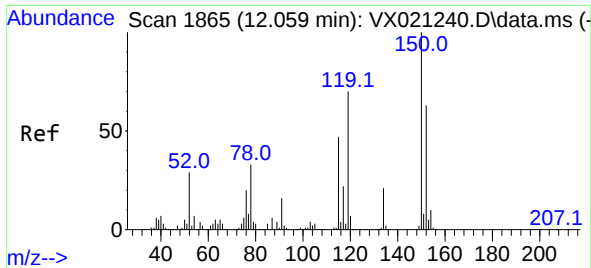
Tgt Ion:	117	Resp:	104358
Ion	Ratio	Lower	Upper
117	100		
82	62.5	47.4	71.2
119	33.1	26.6	39.8



#64
Tetrachloroethene
Concen: 16.79 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021337.D
Acq: 20 Mar 2021 09:23

Tgt Ion:	164	Resp:	13085
Ion	Ratio	Lower	Upper
164	100		
166	131.9	103.4	155.2
129	87.8	70.8	106.2
131	89.7	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: VX021337.D
 Acq: 20 Mar 2021 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20210317

Tgt Ion:152 Resp: 41653
 Ion Ratio Lower Upper
 152 100
 115 63.7 41.1 123.3
 150 158.3 0.0 349.0

