

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021364.D
 Acq On : 22 Mar 2021 17:27
 Operator : JC/MD
 Sample : M1735-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20210315DL

Quant Time: Mar 23 02:02:48 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)

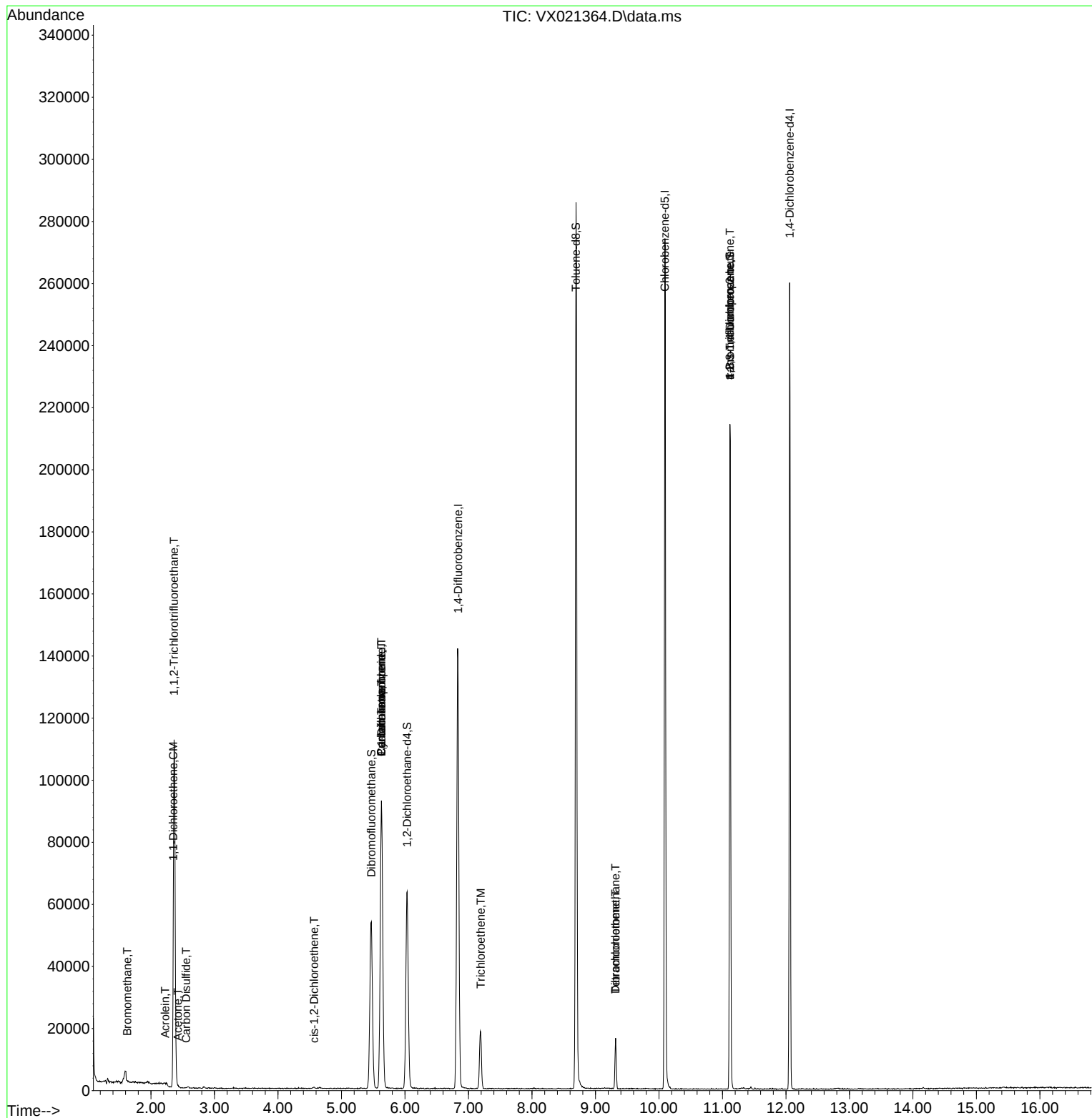
Internal Standards						
1) Pentafluorobenzene	5.629	168	79673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	131218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.034	65	62617	47.92	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.84%
35) Dibromofluoromethane	5.470	113	44843	50.22	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.44%
50) Toluene-d8	8.694	98	160418	49.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.04%
62) 4-Bromofluorobenzene	11.117	95	56343	44.78	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.56%
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1432	Below Cal		99
5) Bromomethane	1.628	94	110	0.26 ug/l #		76
9) 1,1,2-Trichlorotrifluo...	2.363	101	44562	53.52 ug/l		95
12) 1,1-Dichloroethene	2.352	96	339	0.42 ug/l #		85
13) Acrolein	2.222	56	46	3.47 ug/l #		1
16) Acetone	2.422	43	553	1.15 ug/l #		78
17) Carbon Disulfide	2.552	76	65	0.56 ug/l #		75
27) cis-1,2-Dichloroethene	4.570	96	273	0.26 ug/l		47
31) Cyclohexane	5.629	56	2284	1.45 ug/l #		30
36) 1,1-Dichloropropene	5.629	75	7164	5.42 ug/l #		50
38) Carbon Tetrachloride	5.629	117	8637	6.29 ug/l #		16
44) Trichloroethene	7.193	130	6403	6.62 ug/l		97
60) Dibromochloromethane	9.317	129	2826	2.69 ug/l #		11
64) Tetrachloroethene	9.317	164	2740	3.19 ug/l		88
76) 1,2,3-Trichloropropane	11.117	75	31973	29.56 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.117	75	31973	80.26 ug/l #		12

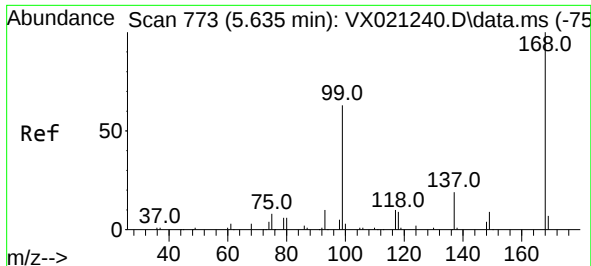
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 23 02:02:48 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

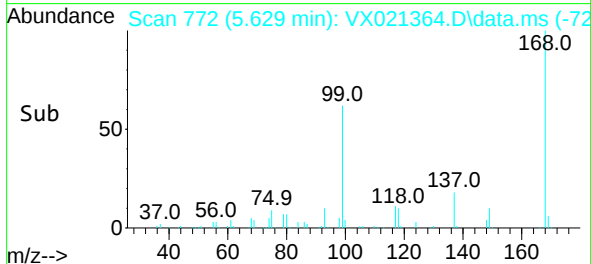
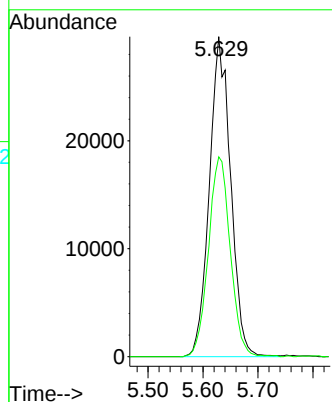
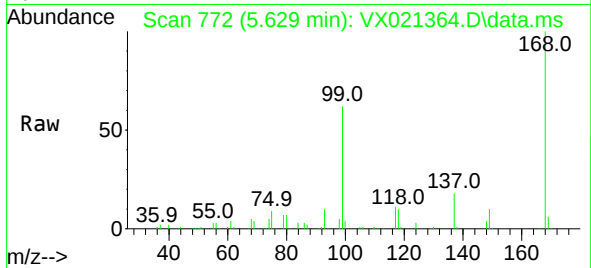




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

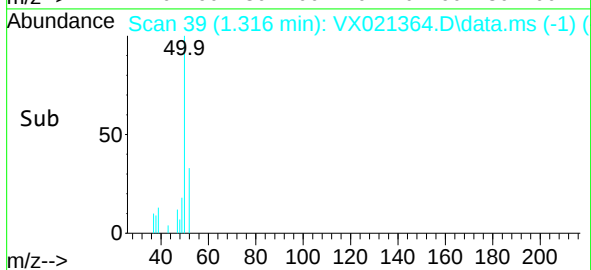
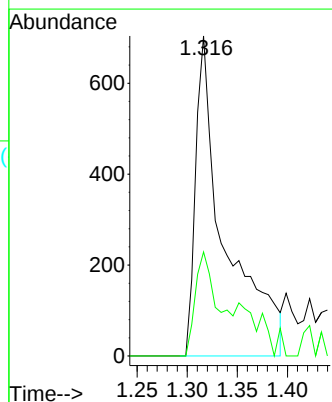
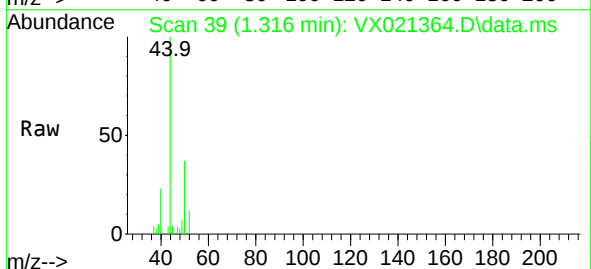
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

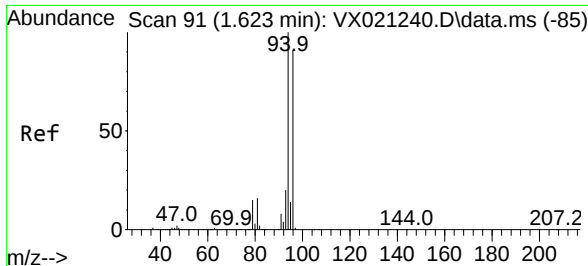
Tgt Ion:168 Resp: 79673
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

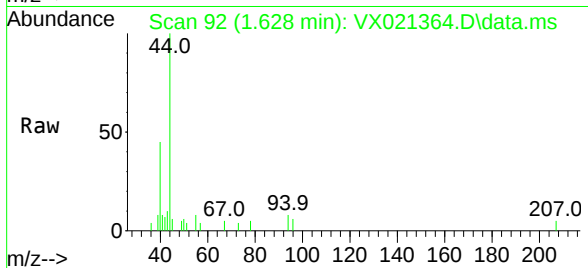
Tgt Ion: 50 Resp: 1432
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6



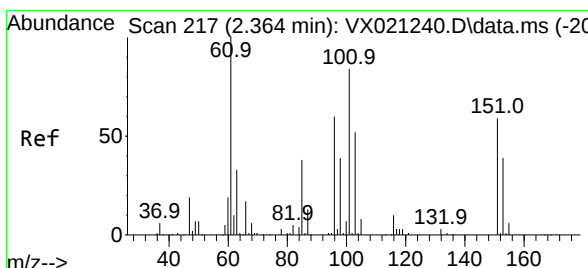
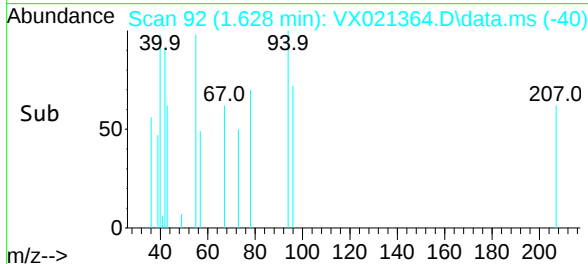
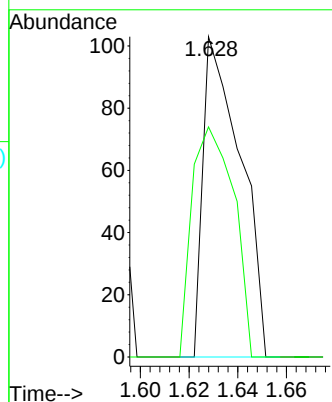


#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

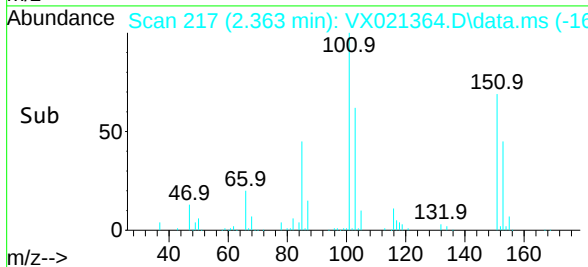
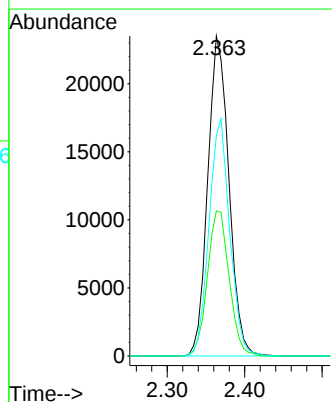
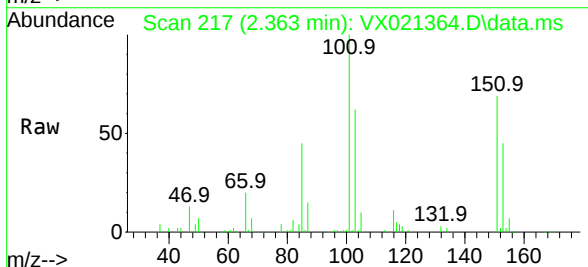


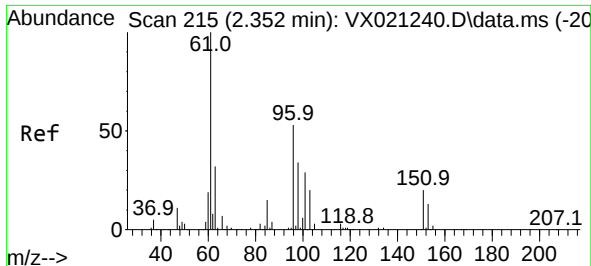
Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 71.8 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.52 ug/l
RT: 2.363 min Scan# 217
Delta R.T. -0.001 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Tgt Ion: 101 Resp: 44562
Ion Ratio Lower Upper
101 100
85 46.7 34.9 52.3
151 72.9 61.4 92.2

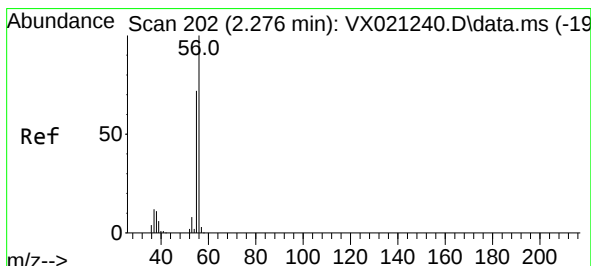
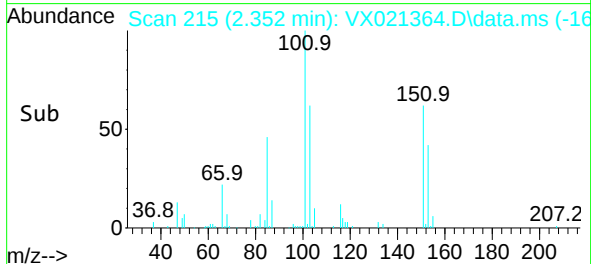
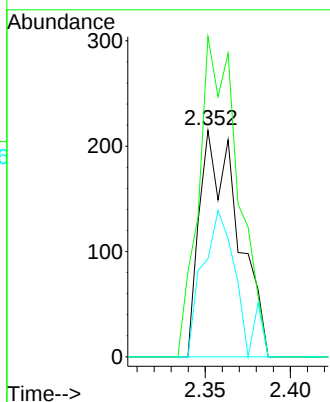
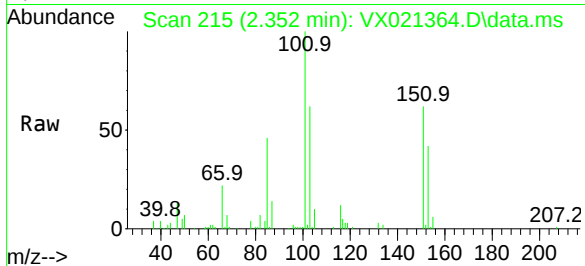




#12
1,1-Dichloroethene
Concen: 0.42 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

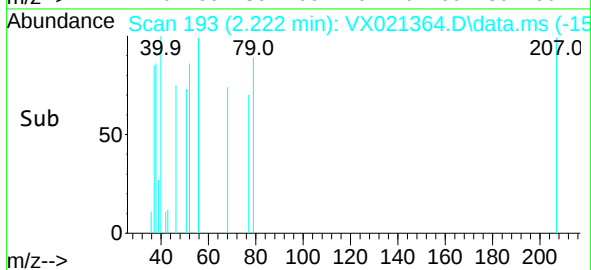
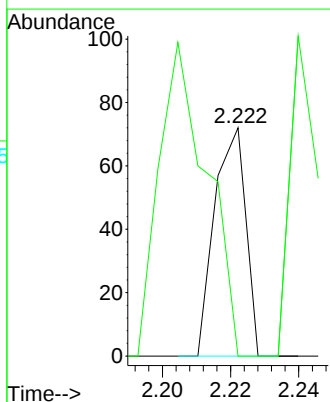
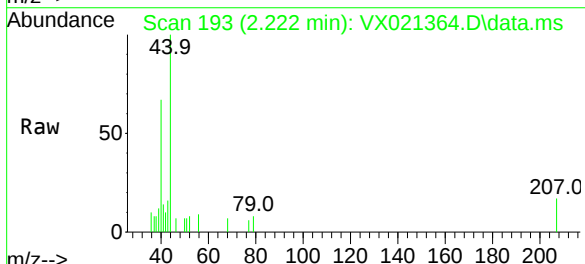
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

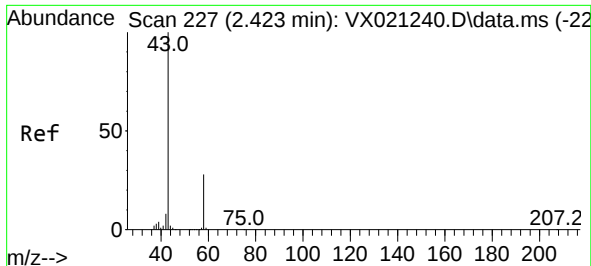
Tgt Ion: 96 Resp: 339
Ion Ratio Lower Upper
96 100
61 141.4 124.6 187.0
98 43.3 50.6 76.0#



#13
Acrolein
Concen: 3.47 ug/l
RT: 2.222 min Scan# 193
Delta R.T. -0.054 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 176.1 56.4 84.6#

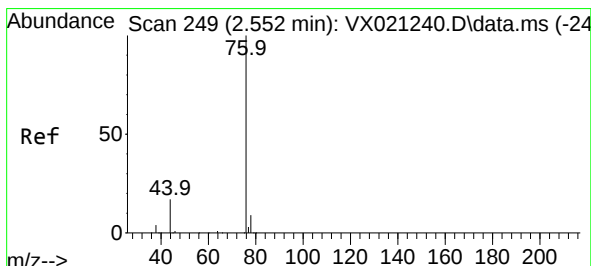
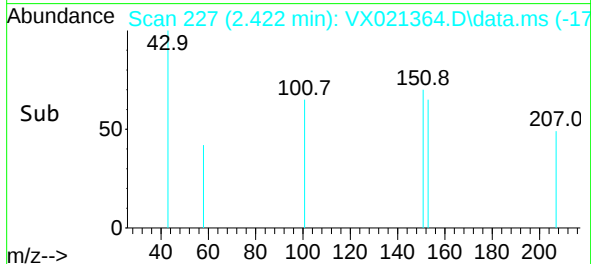
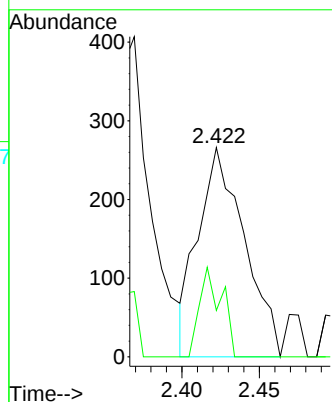
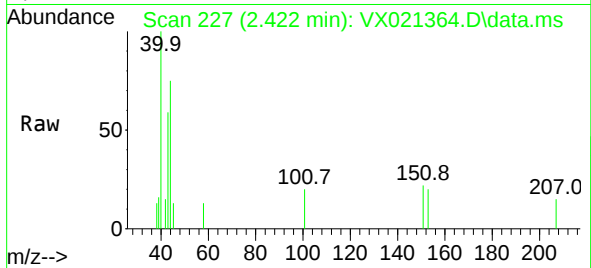




#16
Acetone
Concen: 1.15 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

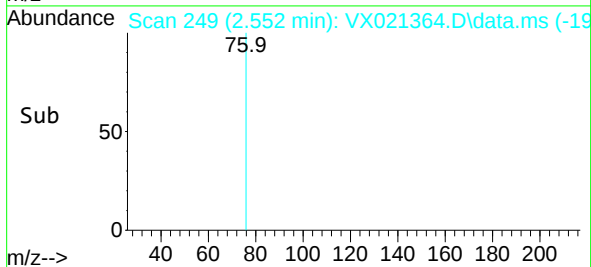
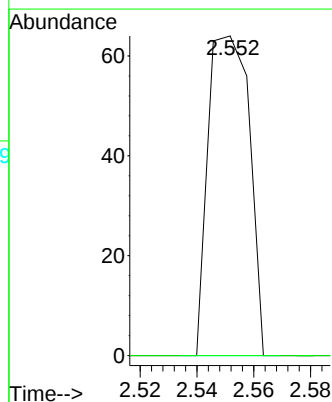
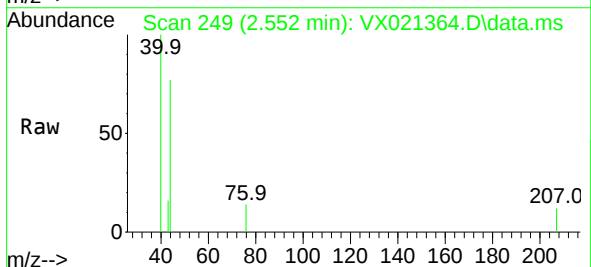
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

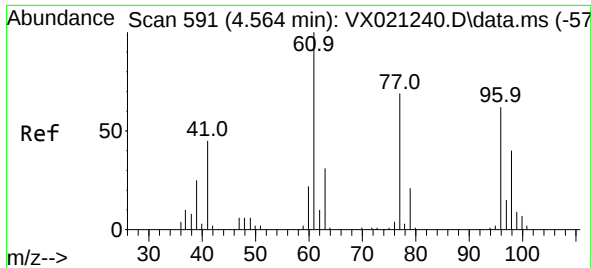
Tgt Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
58 22.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.56 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

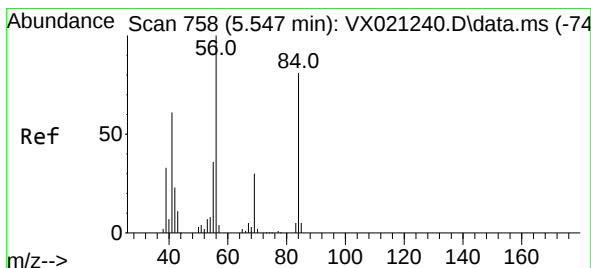
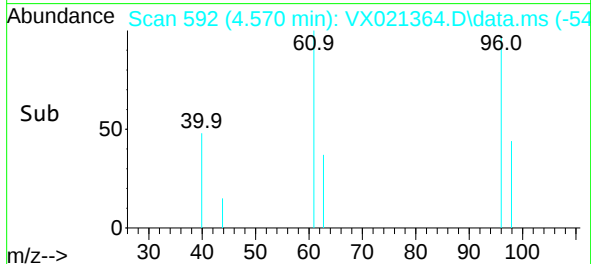
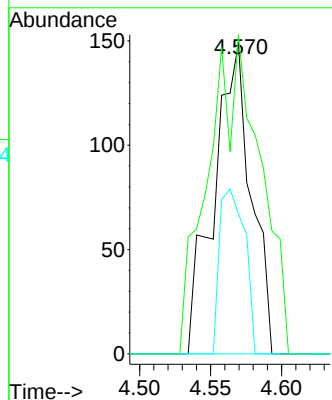
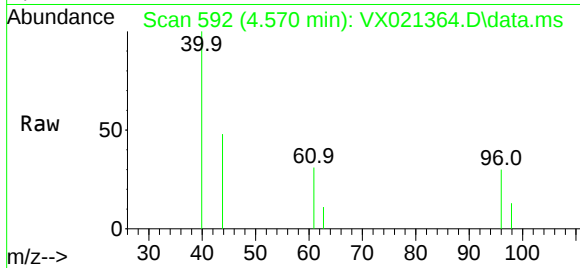




#27
 cis-1,2-Dichloroethene
 Concen: 0.26 ug/l
 RT: 4.570 min Scan# 592
 Delta R.T. 0.006 min
 Lab File: VX021364.D
 Acq: 22 Mar 2021 17:27

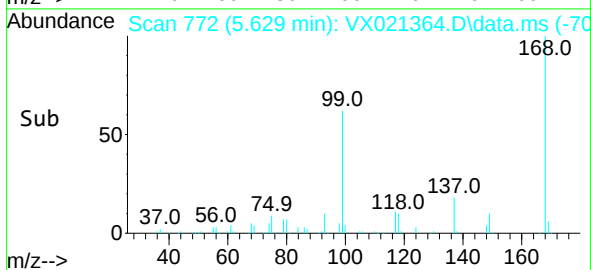
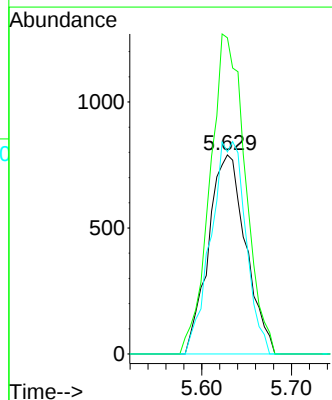
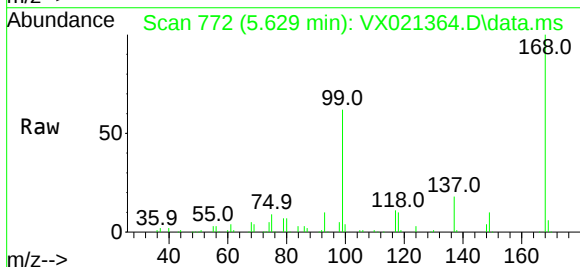
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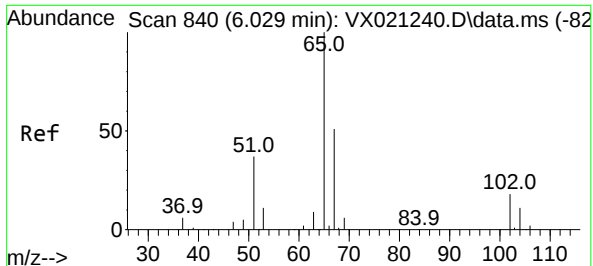
Tgt Ion: 96	Resp: 273
Ion Ratio	Lower Upper
96 100	
61 69.2	0.0 285.6
98 35.9	0.0 129.6



#31
 Cyclohexane
 Concen: 1.45 ug/l
 RT: 5.629 min Scan# 772
 Delta R.T. 0.082 min
 Lab File: VX021364.D
 Acq: 22 Mar 2021 17:27

Tgt Ion: 56	Resp:	2284	
Ion	Ratio	Lower	Upper
56	100		
69	158.9	25.3	37.9#
84	101.5	71.4	107.0

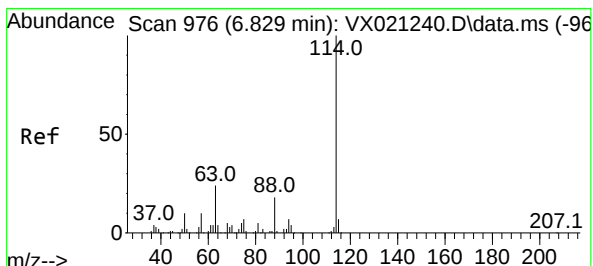
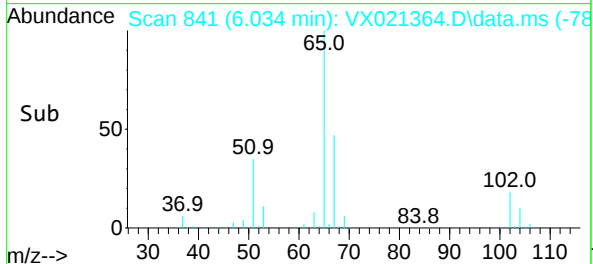
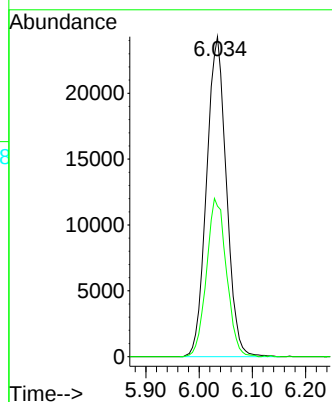
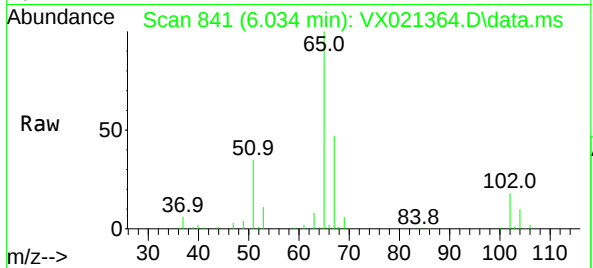




#33
1,2-Dichloroethane-d4
Concen: 47.92 ug/l
RT: 6.034 min Scan# 841
Delta R.T. 0.005 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

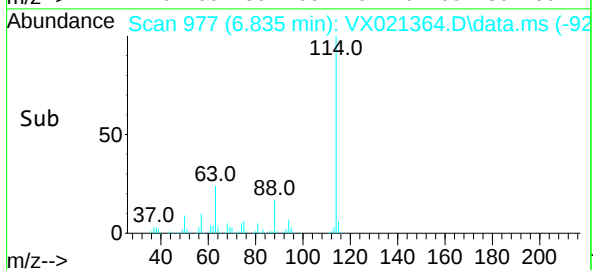
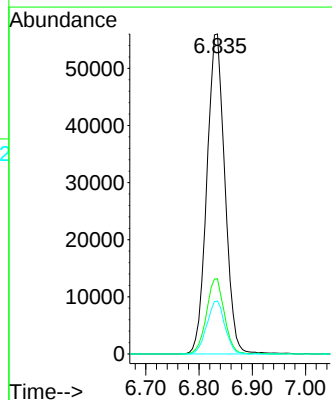
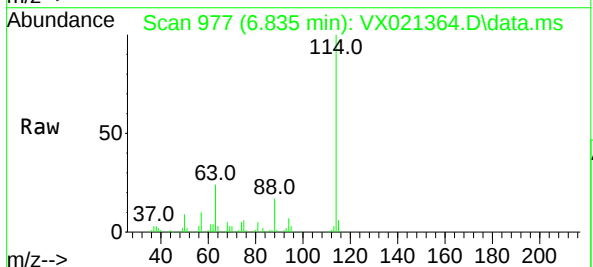
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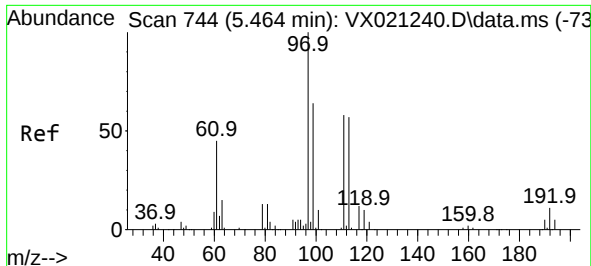
Tgt Ion: 65 Resp: 62617
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Tgt Ion: 114 Resp: 131218
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.8
88 16.5 0.0 32.8

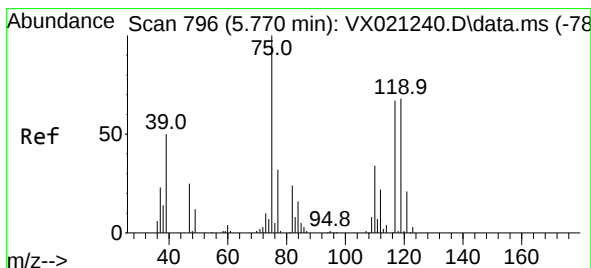
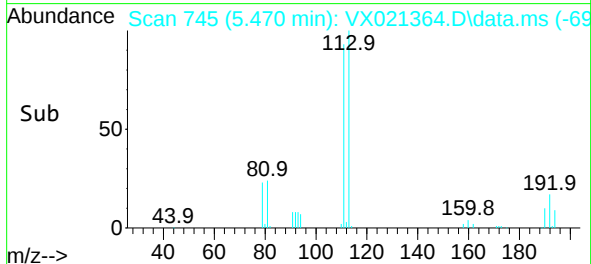
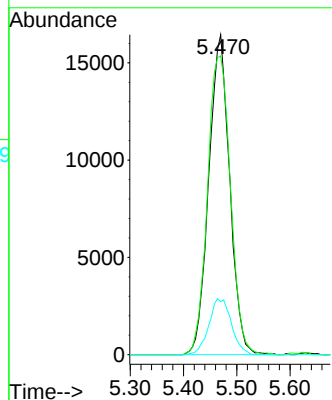
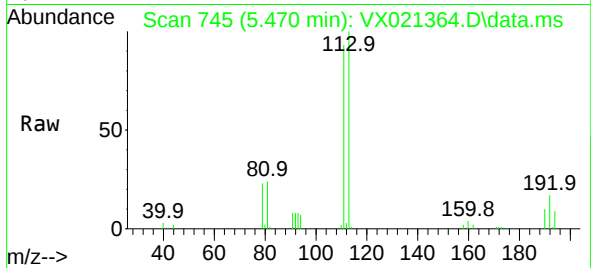




#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

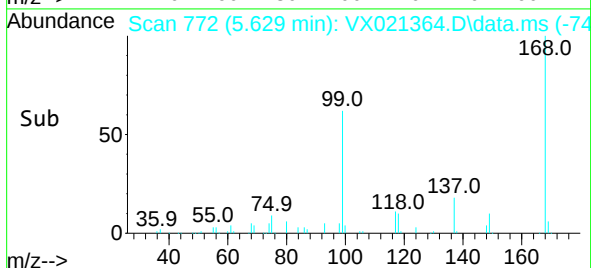
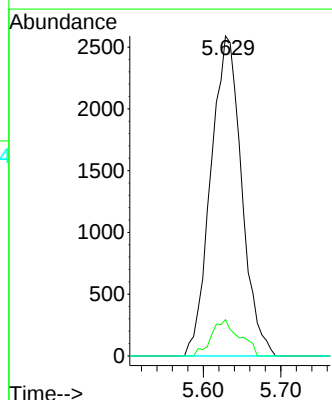
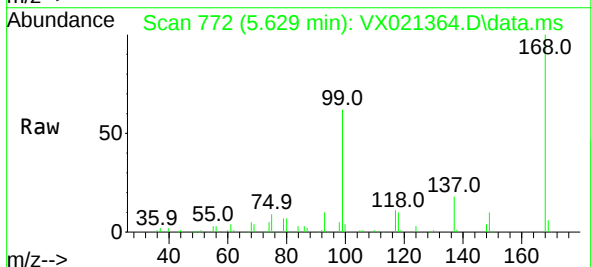
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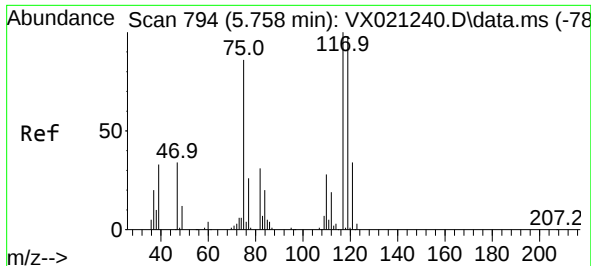
Tgt Ion:113 Resp: 44843
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.42 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

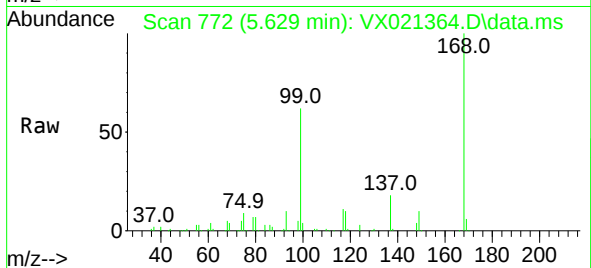
Tgt Ion: 75 Resp: 7164
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



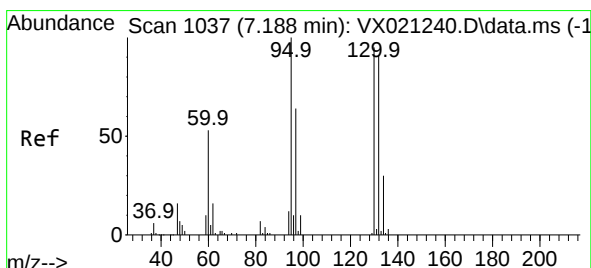
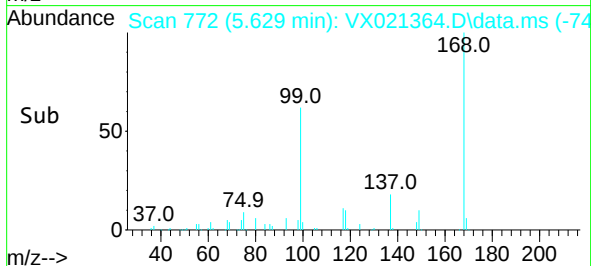
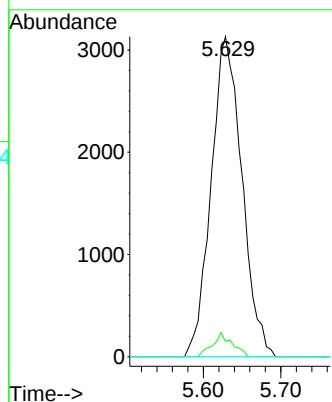


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

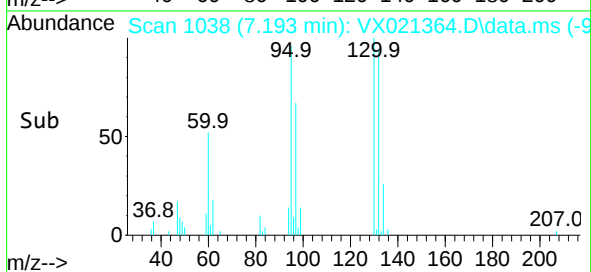
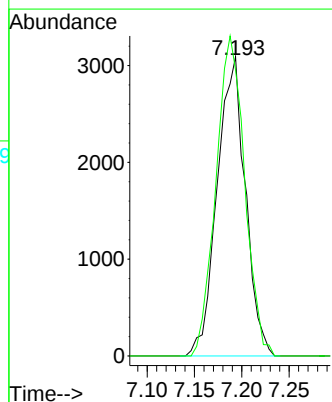
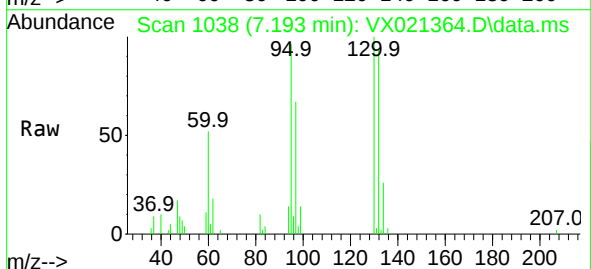


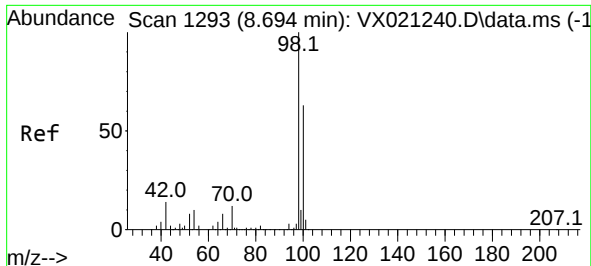
Tgt Ion:117 Resp: 8637
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 6.62 ug/l
RT: 7.193 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Tgt Ion:130 Resp: 6403
Ion Ratio Lower Upper
130 100
95 95.6 0.0 198.0

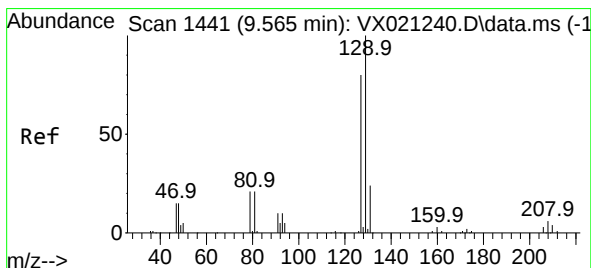
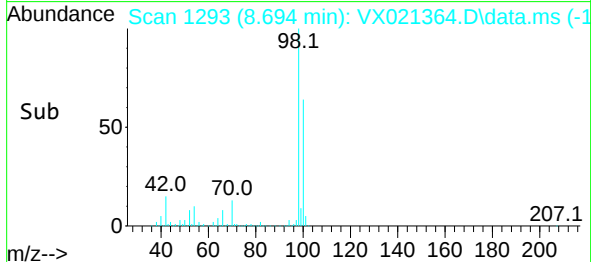
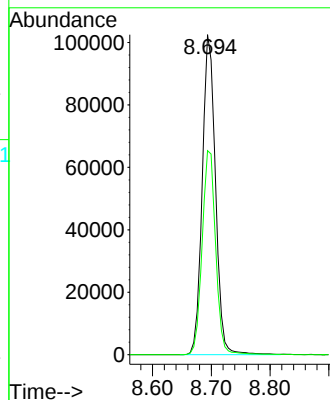
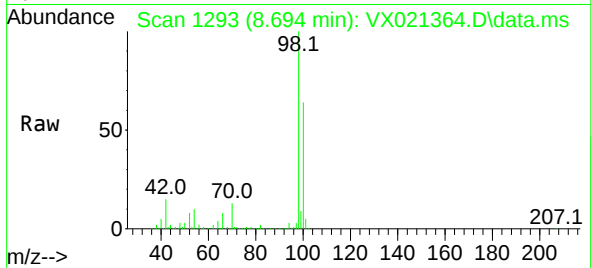




#50
Toluene-d8
Concen: 49.52 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

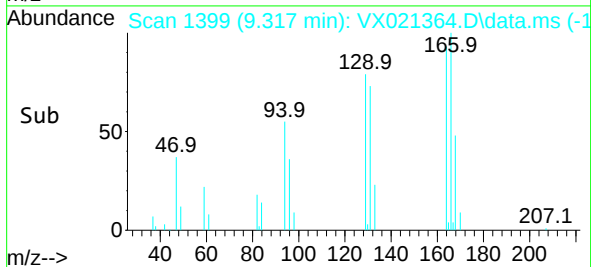
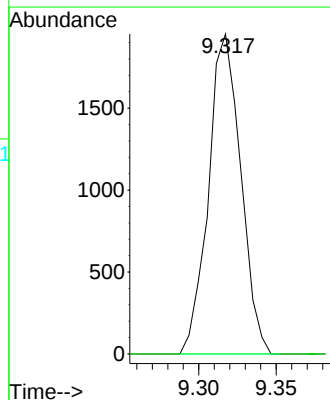
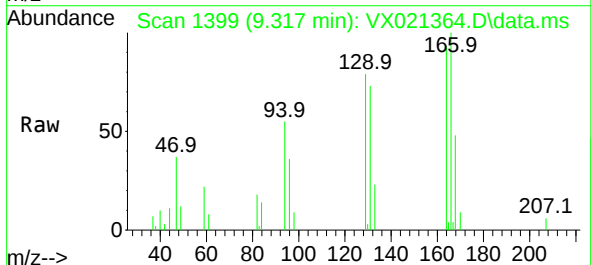
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

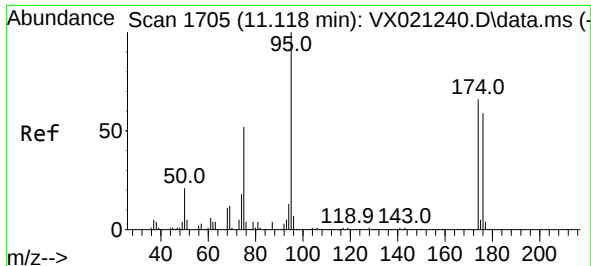
Tgt Ion: 98 Resp: 160418
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#60
Dibromochloromethane
Concen: 2.69 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.248 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Tgt Ion: 129 Resp: 2826
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

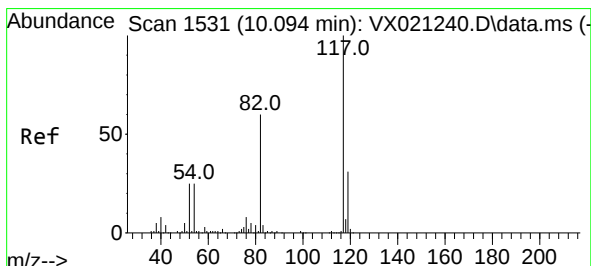
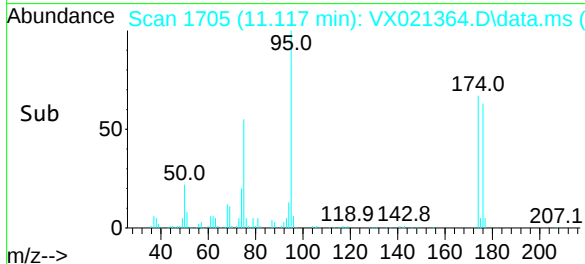
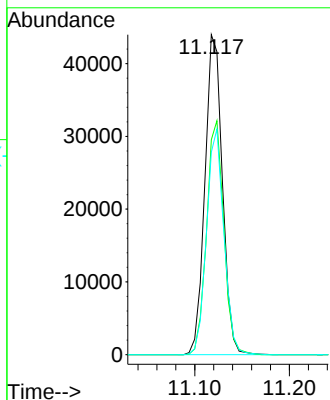
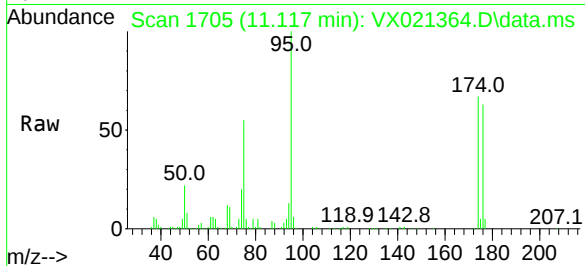




#62
4-Bromofluorobenzene
Concen: 44.78 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

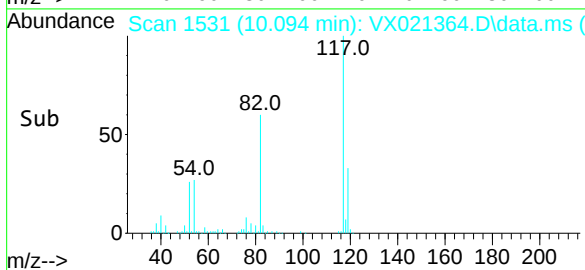
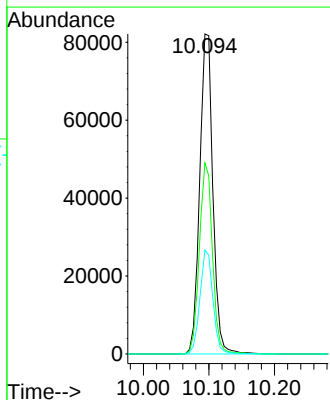
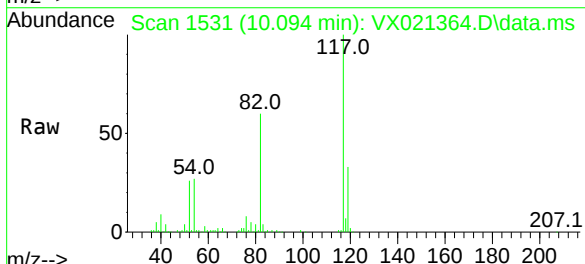
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

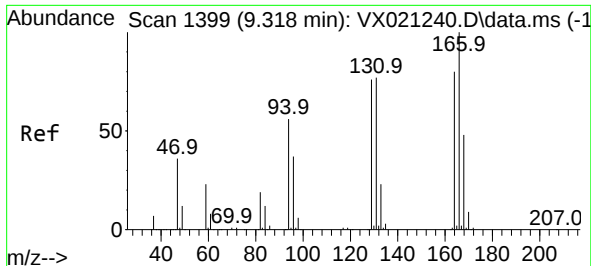
Tgt Ion: 95 Resp: 56343
Ion Ratio Lower Upper
95 100
174 71.9 0.0 154.6
176 69.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

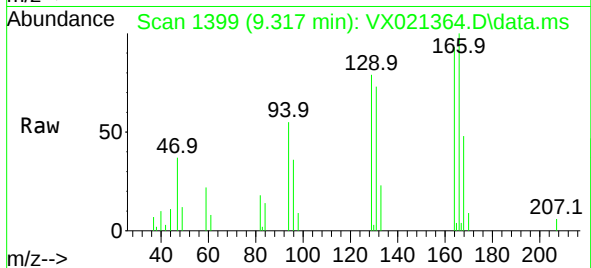
Tgt Ion: 117 Resp: 115072
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.5 26.6 39.8





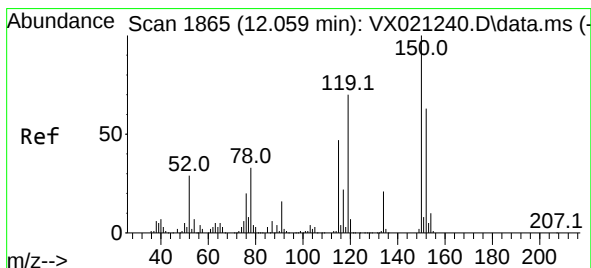
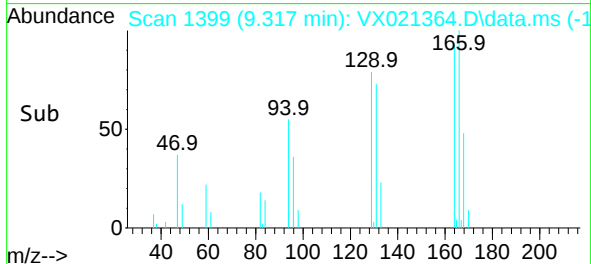
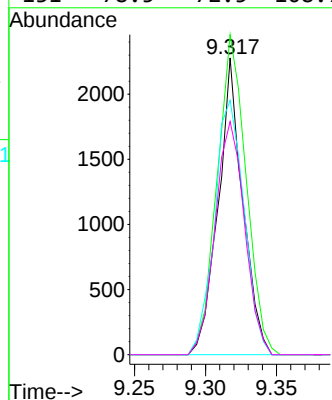
#64
Tetrachloroethene
Concen: 3.19 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

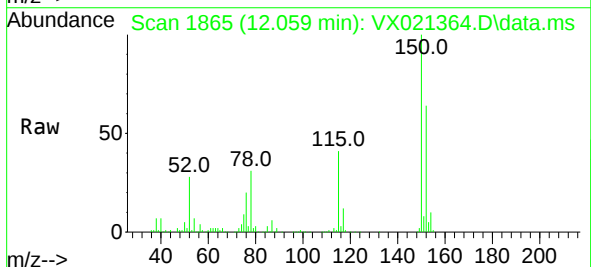


Tgt Ion:164 Resp: 2740

Ion	Ratio	Lower	Upper
164	100		
166	107.8	103.4	155.2
129	85.7	70.8	106.2
131	78.5	72.5	108.7

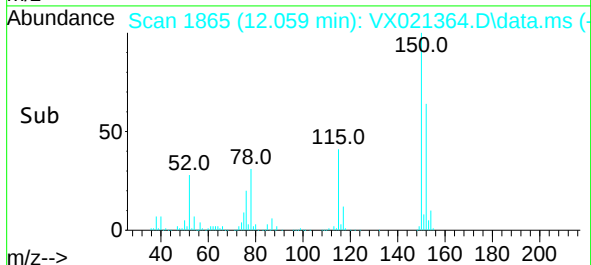
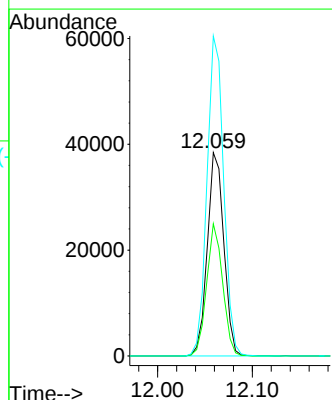


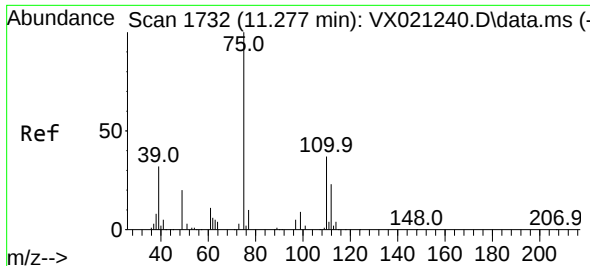
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27



Tgt Ion:152 Resp: 46625

Ion	Ratio	Lower	Upper
152	100		
115	62.9	41.1	123.3
150	158.3	0.0	349.0

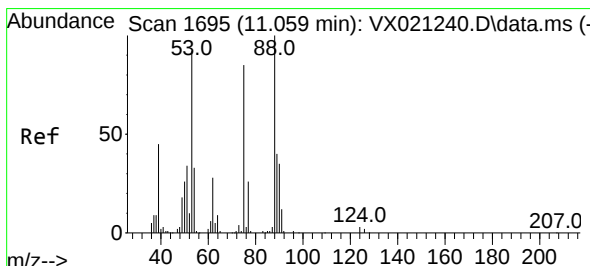
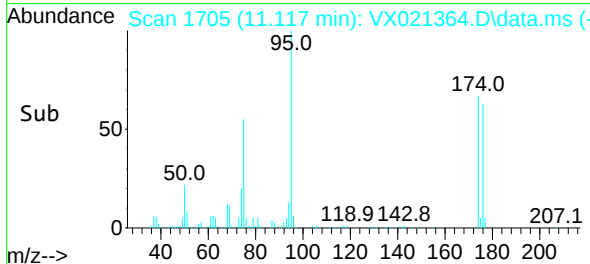
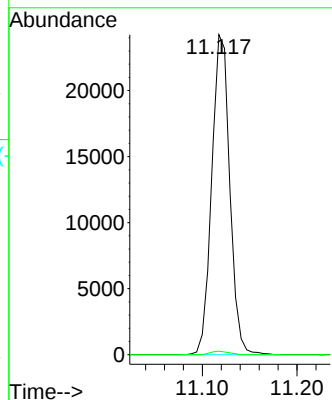
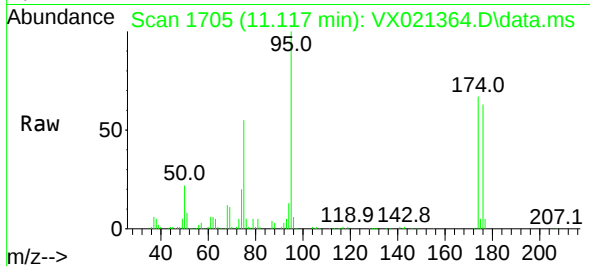




#76
1,2,3-Trichloropropane
Concen: 29.56 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.160 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210315DL

Tgt Ion: 75 Resp: 31973
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.26 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX021364.D
Acq: 22 Mar 2021 17:27

Tgt Ion: 75 Resp: 31973
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

