

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021366.D
 Acq On : 22 Mar 2021 18:14
 Operator : JC/MD
 Sample : M1735-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20210317DL

Quant Time: Mar 23 02:03:24 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	72893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	121999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59550	49.81	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.62%
35) Dibromofluoromethane	5.464	113	42277	50.93	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.86%
50) Toluene-d8	8.694	98	148425	49.28	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.56%
62) 4-Bromofluorobenzene	11.118	95	52466	44.85	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.70%

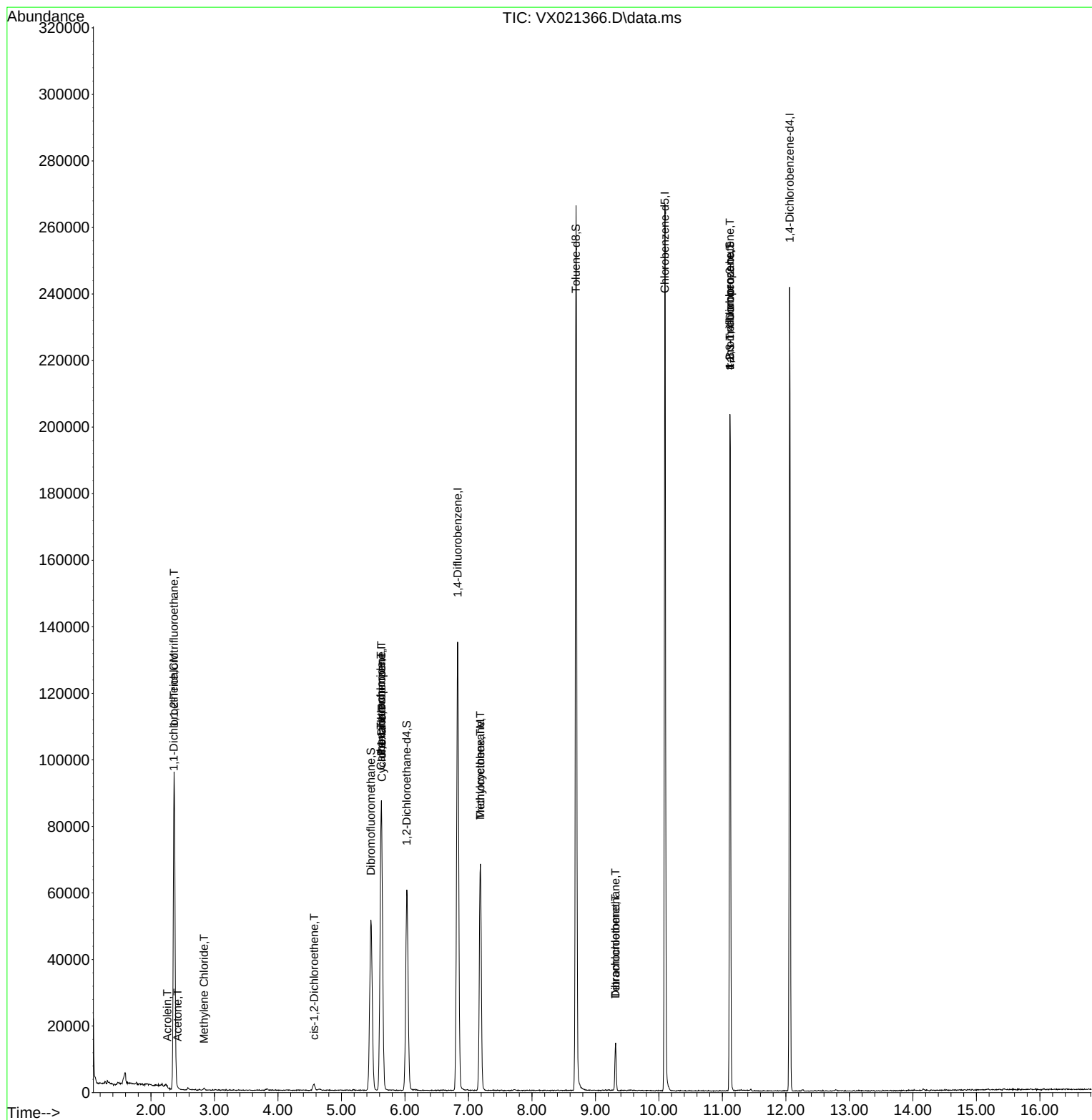
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1351	Below Cal		96
9) 1,1,2-Trichlorotrifluo...	2.364	101	36599	48.04	ug/l	94
12) 1,1-Dichloroethene	2.358	96	414	0.56	ug/l #	76
13) Acrolein	2.258	56	18	3.27	ug/l #	1
16) Acetone	2.417	43	528	1.20	ug/l #	80
20) Methylene Chloride	2.834	84	191	0.21	ug/l #	94
27) cis-1,2-Dichloroethene	4.570	96	1099	1.15	ug/l	93
31) Cyclohexane	5.635	56	2114	1.46	ug/l #	43
36) 1,1-Dichloropropene	5.629	75	6963	5.66	ug/l #	49
38) Carbon Tetrachloride	5.623	117	8101	6.35	ug/l #	18
39) Methylcyclohexane	7.188	83	404	0.30	ug/l #	1
44) Trichloroethene	7.188	130	24041	26.72	ug/l	89
49) 1,4-Dioxane	7.729	88	198	Below Cal	#	66
60) Dibromochloromethane	9.318	129	2532	2.59	ug/l #	11
64) Tetrachloroethene	9.318	164	2503	3.13	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	30335	30.09	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30335	81.69	ug/l #	12

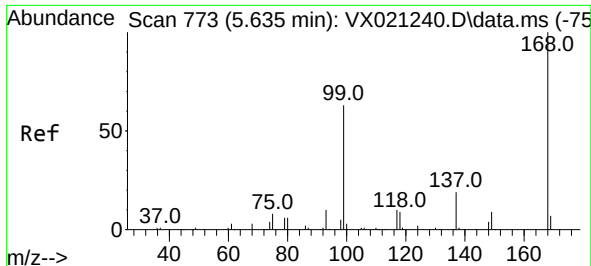
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
Data File : VX021366.D
Acq On : 22 Mar 2021 18:14
Operator : JC/MD
Sample : M1735-19DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

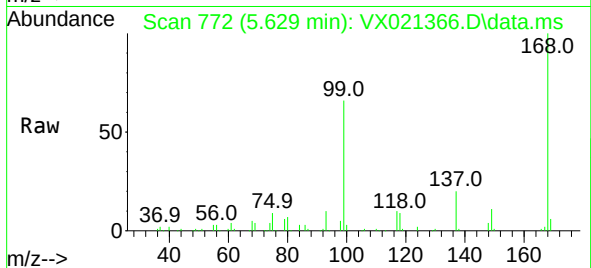
Quant Time: Mar 23 02:03:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



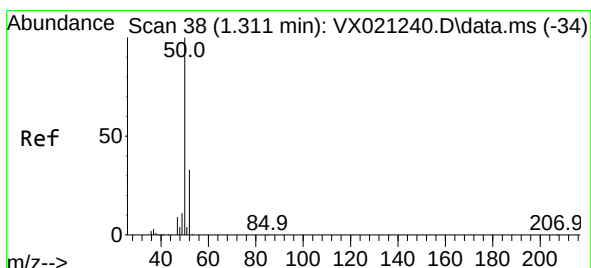
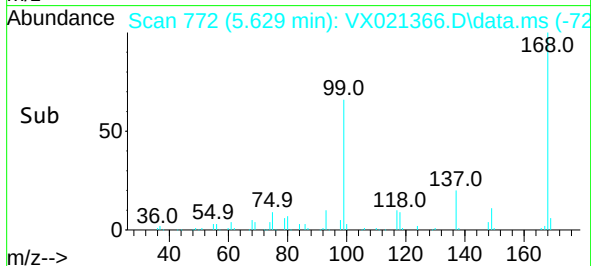
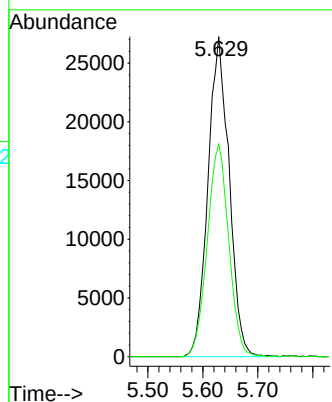


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

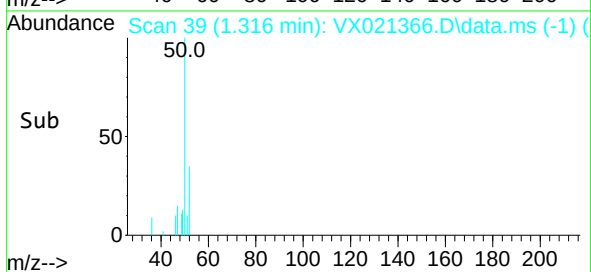
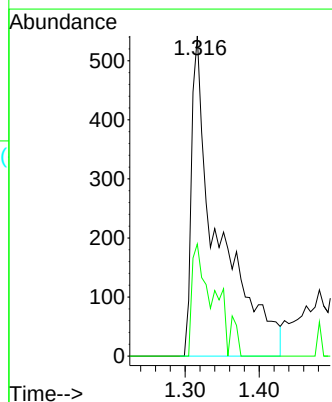
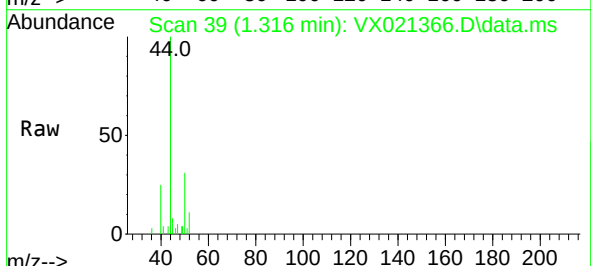


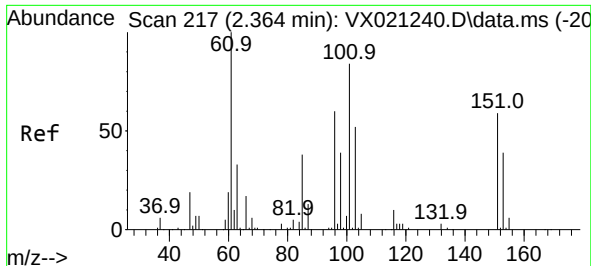
Tgt Ion:168 Resp: 72893
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Tgt Ion: 50 Resp: 1351
Ion Ratio Lower Upper
50 100
52 35.1 26.4 39.6

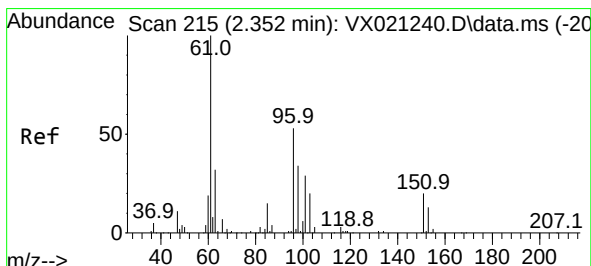
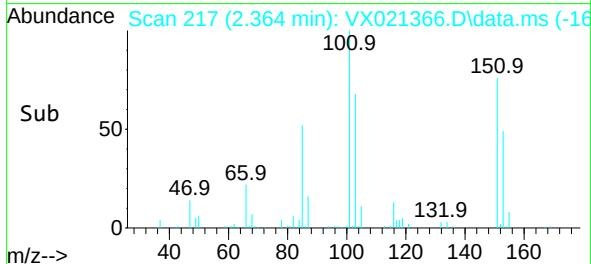
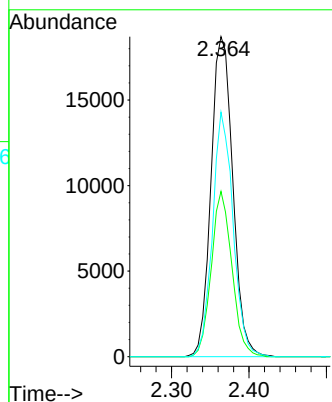
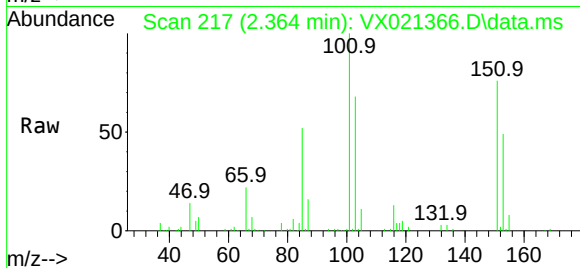




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.04 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

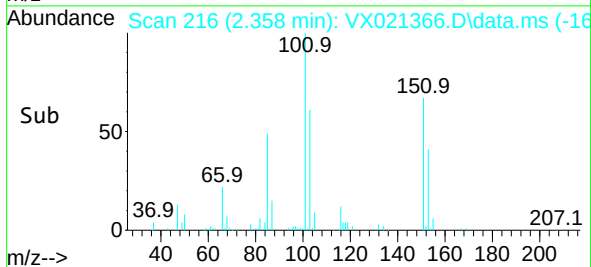
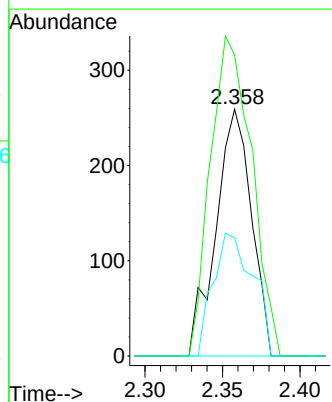
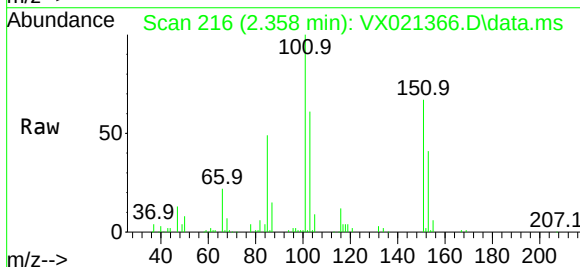
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

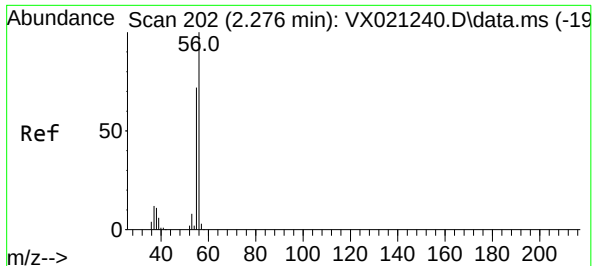
Tgt Ion:101 Resp: 36599
Ion Ratio Lower Upper
101 100
85 48.8 34.9 52.3
151 72.4 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.56 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Tgt Ion: 96 Resp: 414
Ion Ratio Lower Upper
96 100
61 122.0 124.6 187.0#
98 47.9 50.6 76.0#

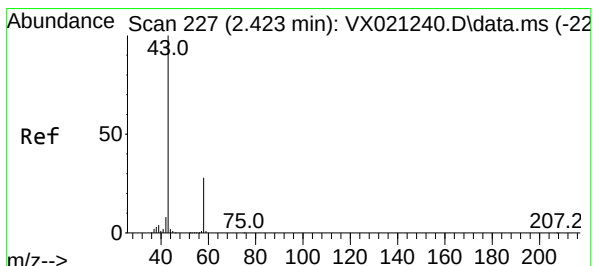
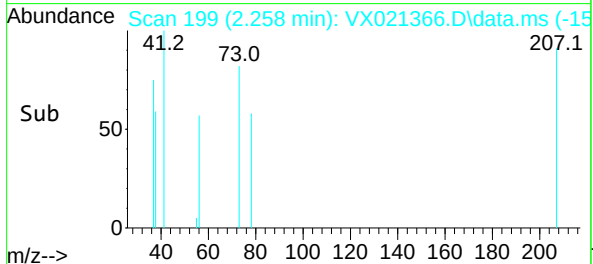
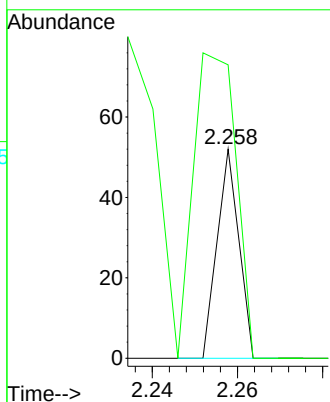
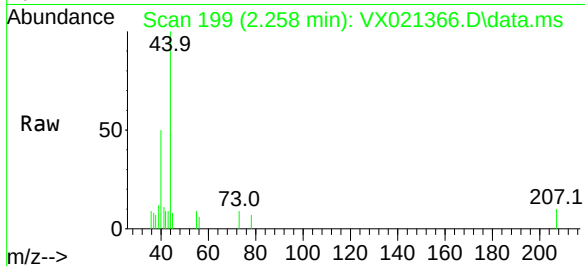




#13
Acrolein
Concen: 3.27 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

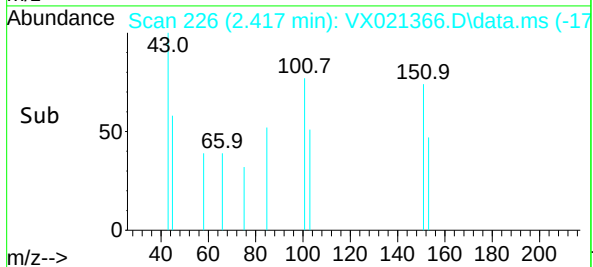
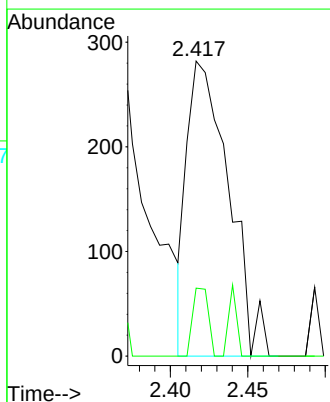
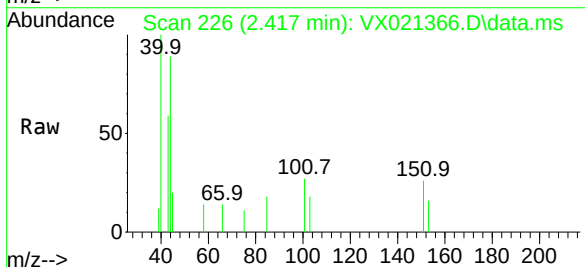
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

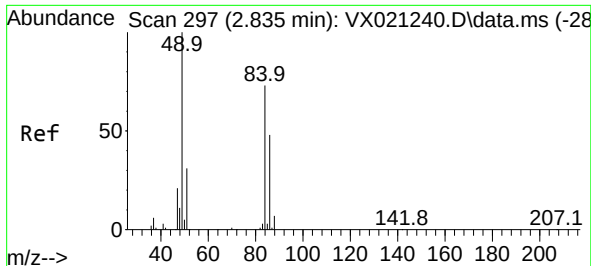
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 294.4 56.4 84.6#



#16
Acetone
Concen: 1.20 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 23.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.21 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.001 min

Lab File: VX021366.D

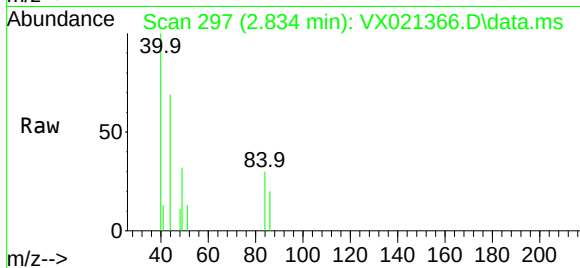
Acq: 22 Mar 2021 18:14

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20210317DL



Tgt Ion: 84 Resp: 191

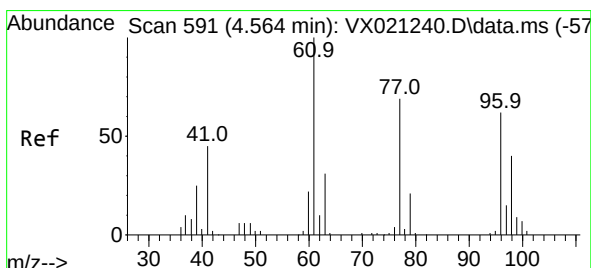
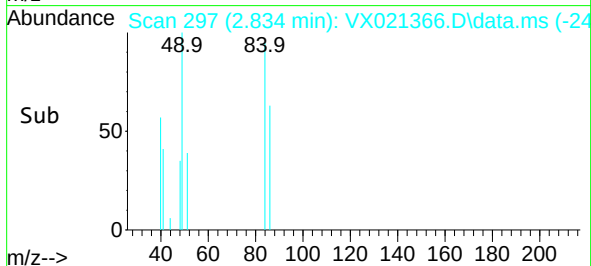
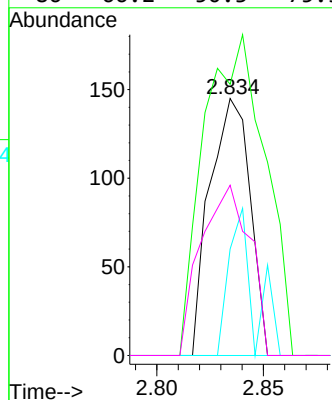
Ion Ratio Lower Upper

84 100

49 105.5 88.6 132.8

51 41.4 27.0 40.6#

86 66.2 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 1.15 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.006 min

Lab File: VX021366.D

Acq: 22 Mar 2021 18:14

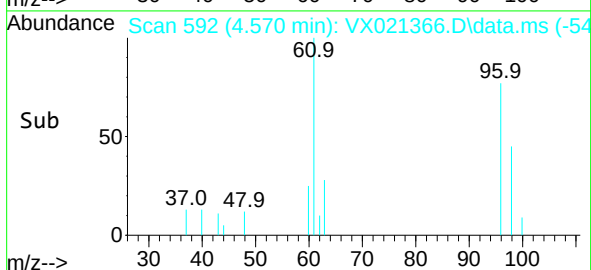
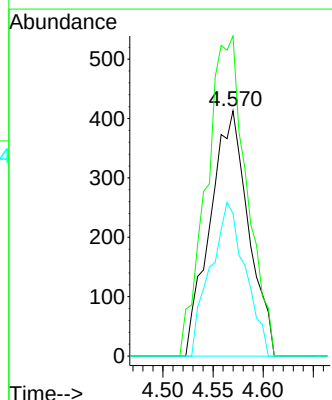
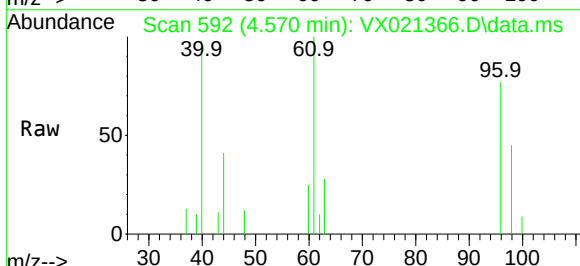
Tgt Ion: 96 Resp: 1099

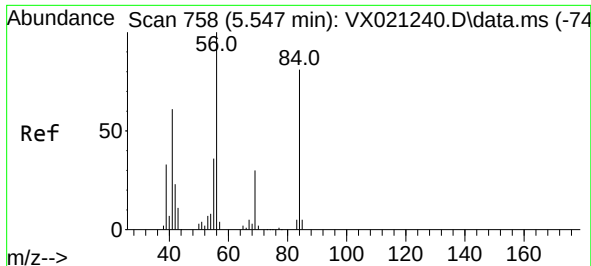
Ion Ratio Lower Upper

96 100

61 136.6 0.0 285.6

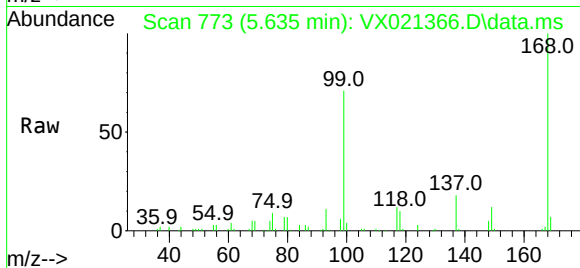
98 56.9 0.0 129.6



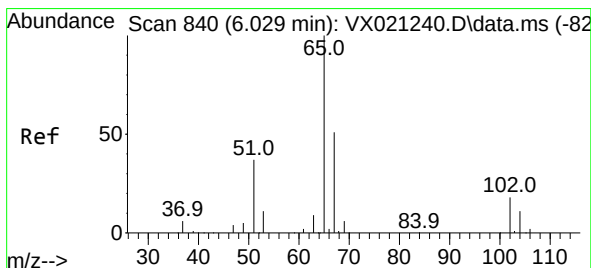
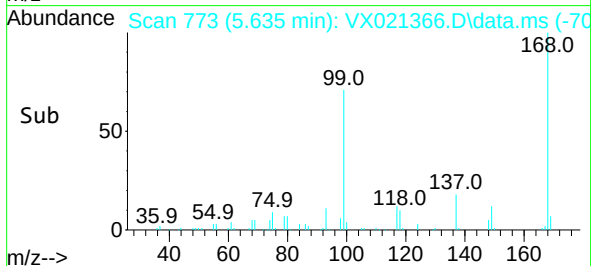
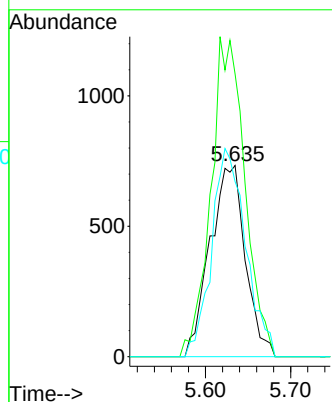


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

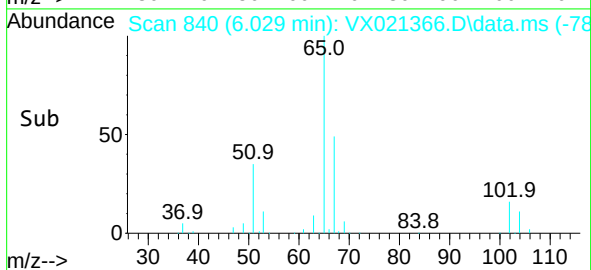
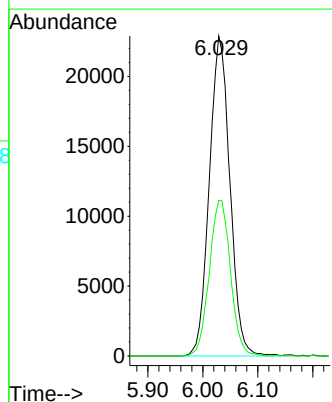
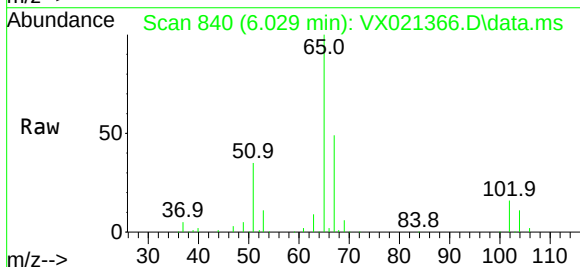


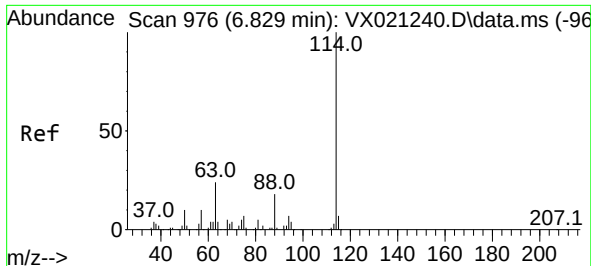
Tgt Ion: 56 Resp: 2114
Ion Ratio Lower Upper
56 100
69 147.9 25.3 37.9#
84 91.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 49.81 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

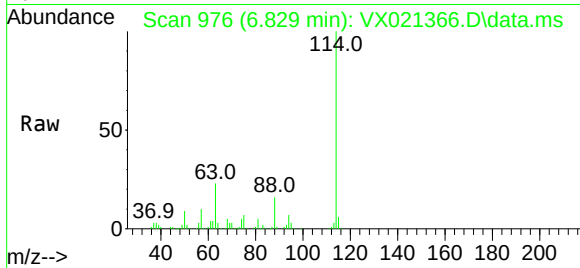
Tgt Ion: 65 Resp: 59550
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4



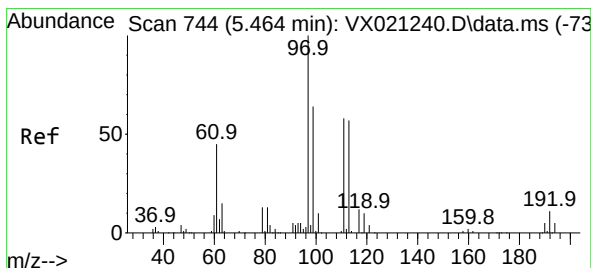
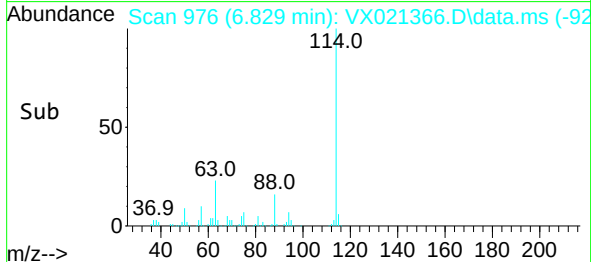
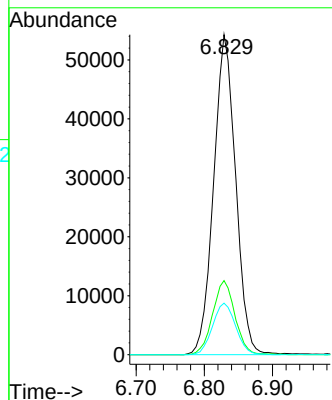


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

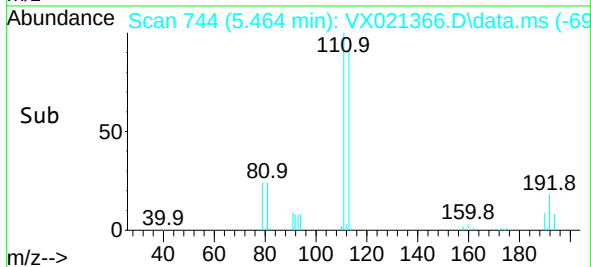
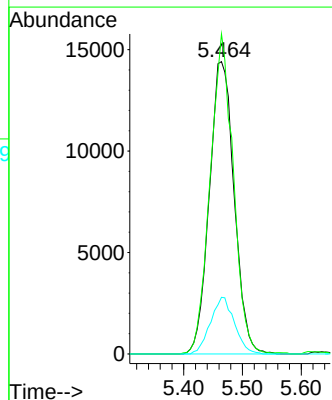
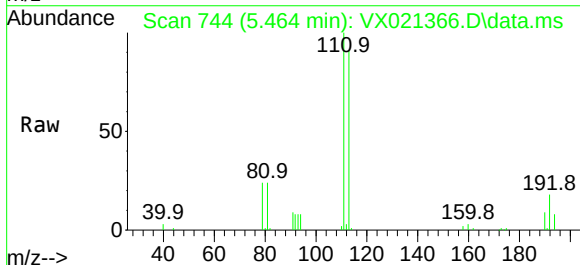


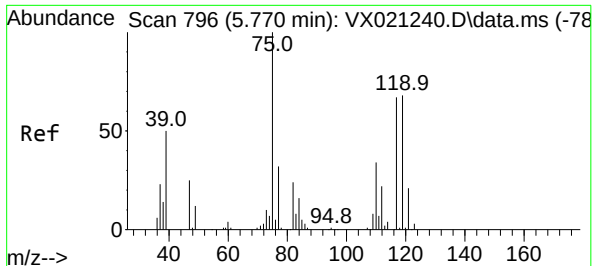
Tgt Ion:114 Resp: 121999
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.93 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Tgt Ion:113 Resp: 42277
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.66 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.141 min

Lab File: VX021366.D

Acq: 22 Mar 2021 18:14

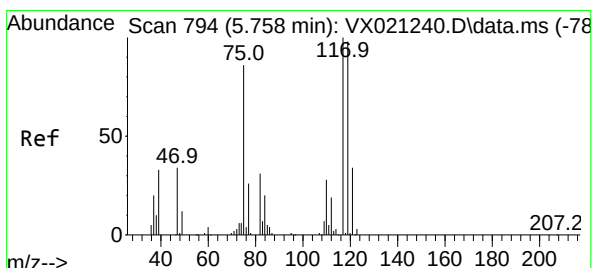
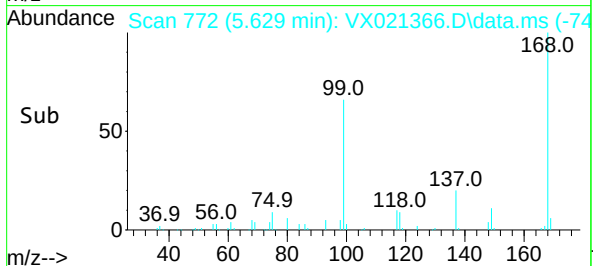
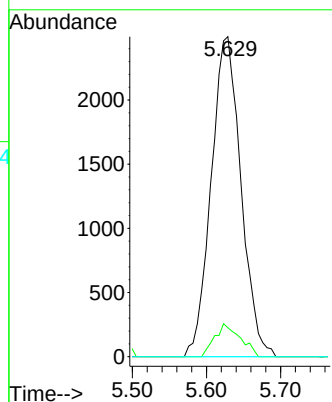
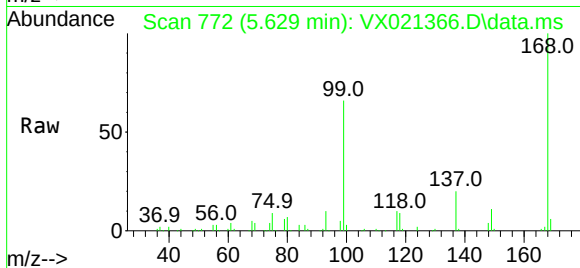
Tgt Ion:	75	Resp:	6963
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20210317DL



#38

Carbon Tetrachloride

Concen: 6.35 ug/l

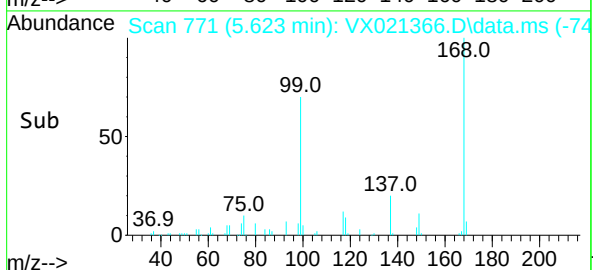
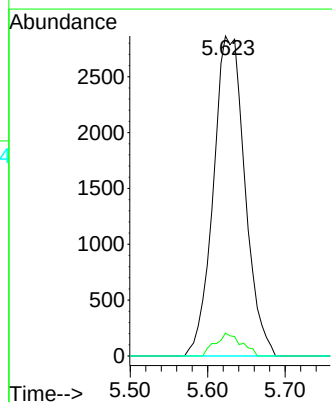
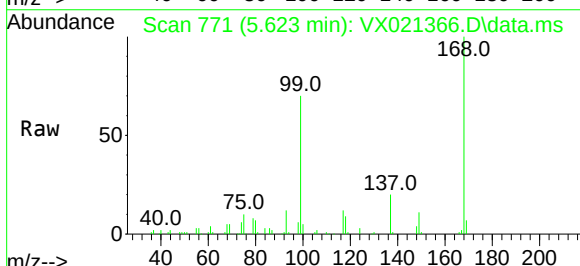
RT: 5.623 min Scan# 771

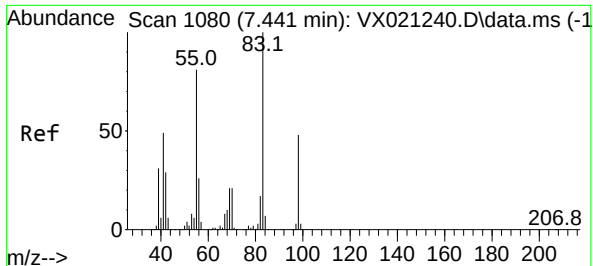
Delta R.T. -0.135 min

Lab File: VX021366.D

Acq: 22 Mar 2021 18:14

Tgt Ion:	117	Resp:	8101
Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.30 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.253 min

Lab File: VX021366.D

Acq: 22 Mar 2021 18:14

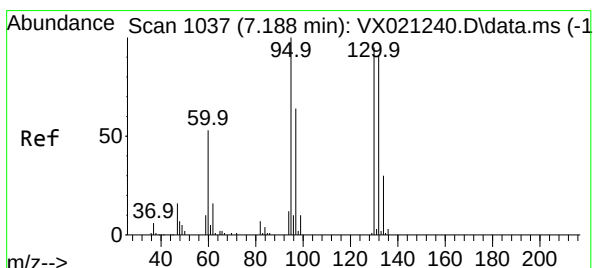
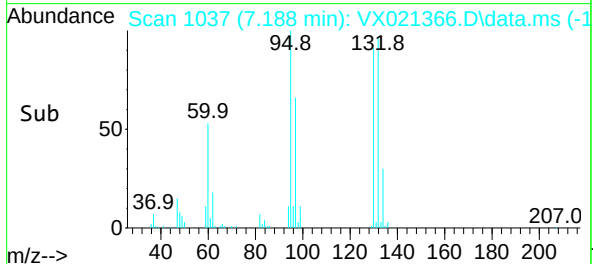
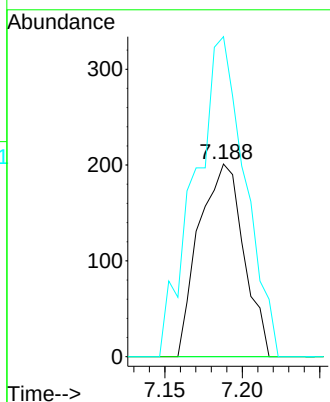
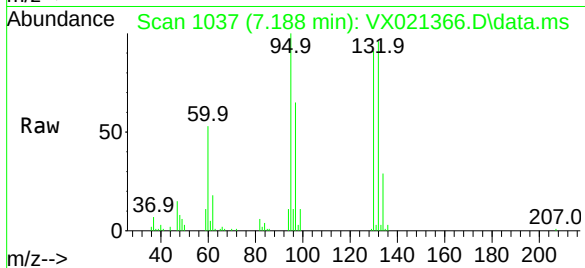
Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20210317DL

Tgt Ion: 83	Resp: 404
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 166.2	38.1 57.1#



#44

Trichloroethene

Concen: 26.72 ug/l

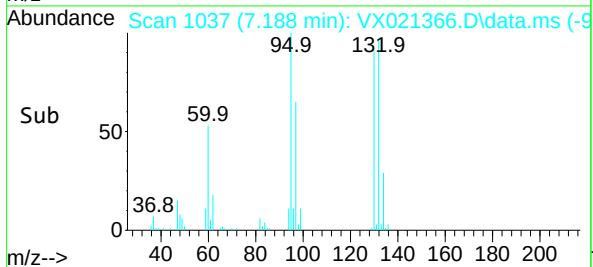
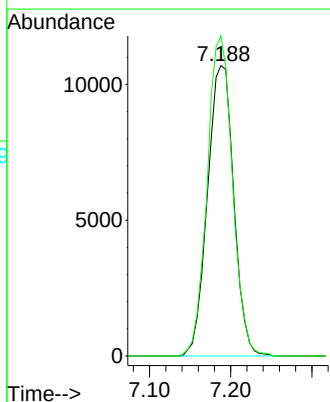
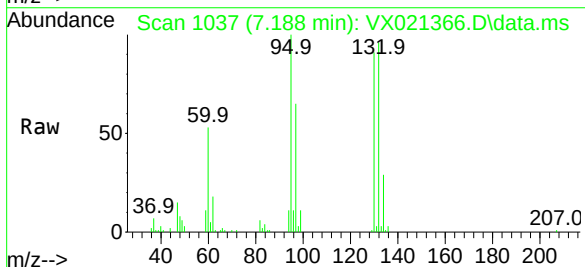
RT: 7.188 min Scan# 1037

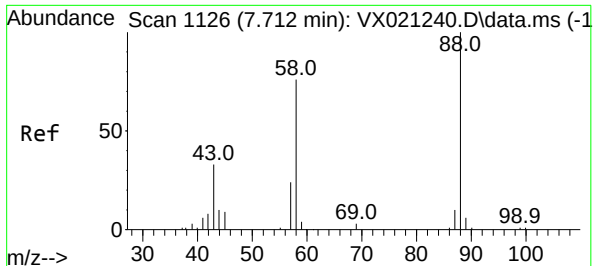
Delta R.T. -0.000 min

Lab File: VX021366.D

Acq: 22 Mar 2021 18:14

Tgt Ion: 130	Resp: 24041
Ion Ratio	Lower Upper
130 100	
95 110.2	0.0 198.0

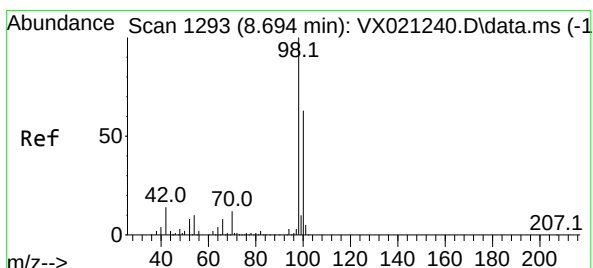
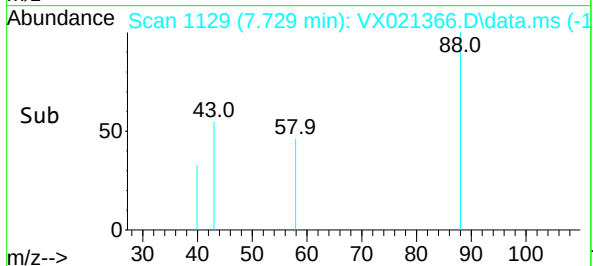
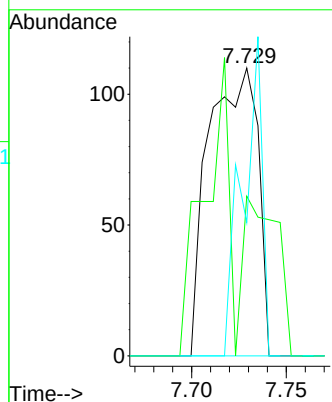
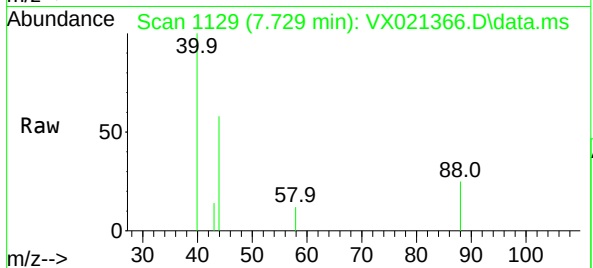




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.729 min Scan# 1129
Delta R.T. 0.017 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

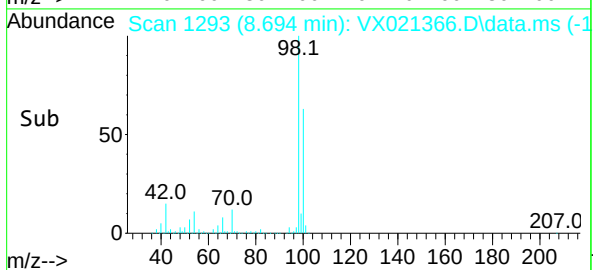
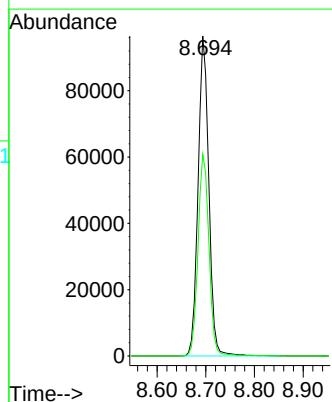
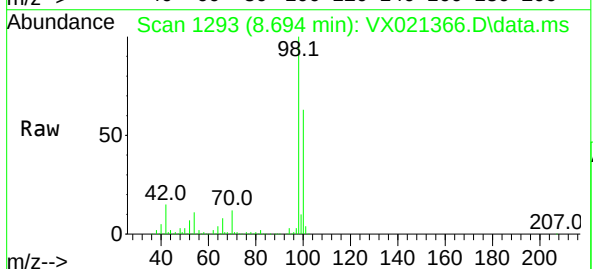
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

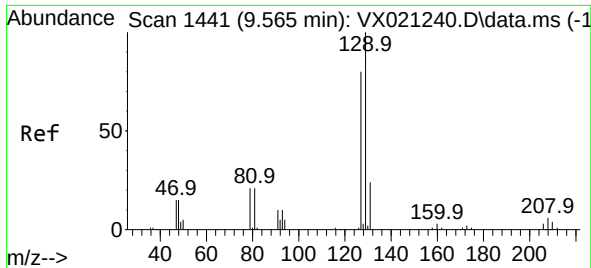
Tgt Ion: 88 Resp: 198
Ion Ratio Lower Upper
88 100
43 52.0 23.2 34.8#
58 43.9 55.0 82.4#



#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Tgt Ion: 98 Resp: 148425
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

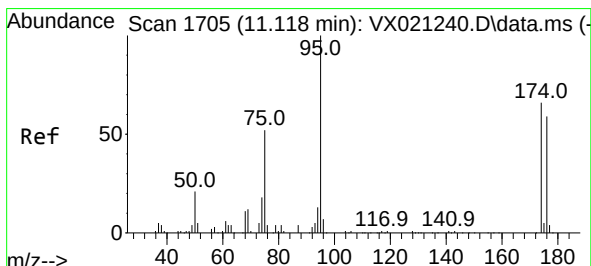
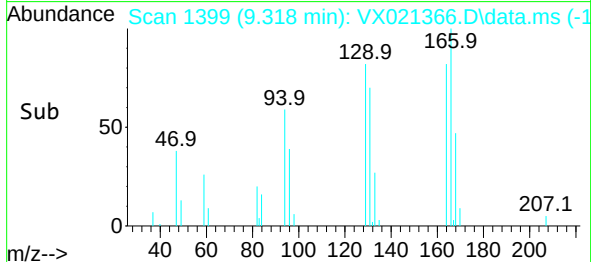
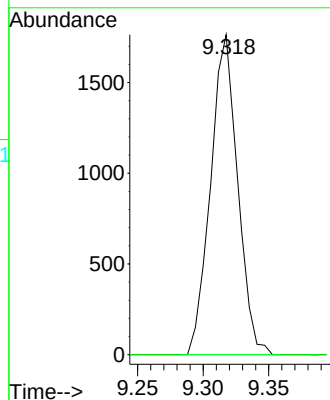
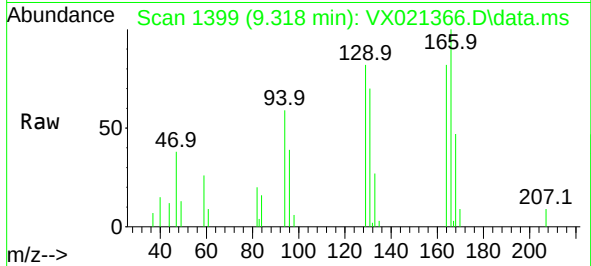




#60
Dibromochloromethane
Concen: 2.59 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

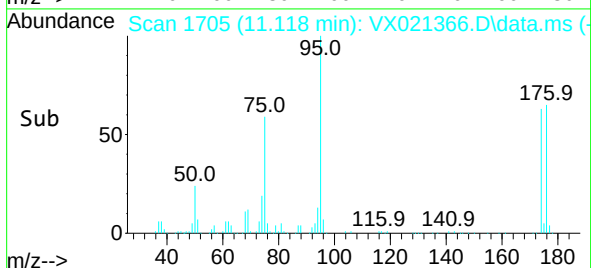
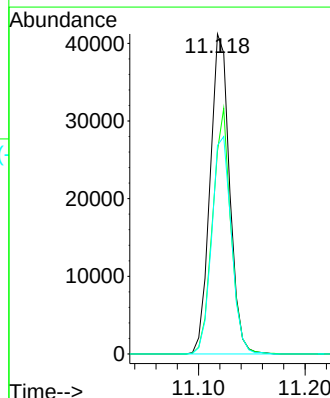
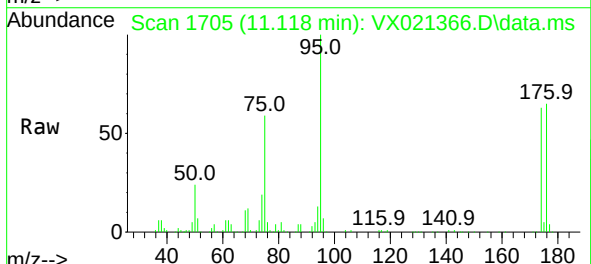
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

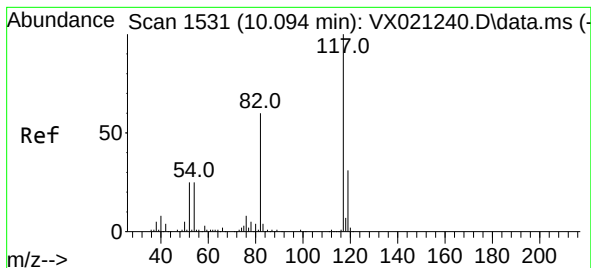
Tgt Ion:129 Resp: 2532
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Tgt Ion: 95 Resp: 52466
Ion Ratio Lower Upper
95 100
174 71.6 0.0 154.6
176 68.6 0.0 155.8

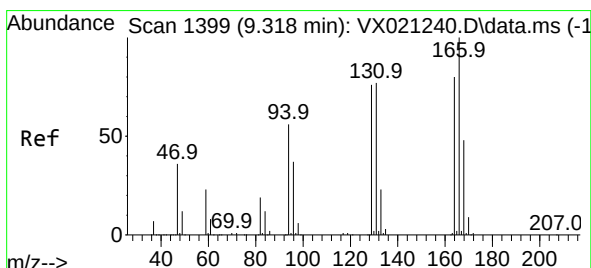
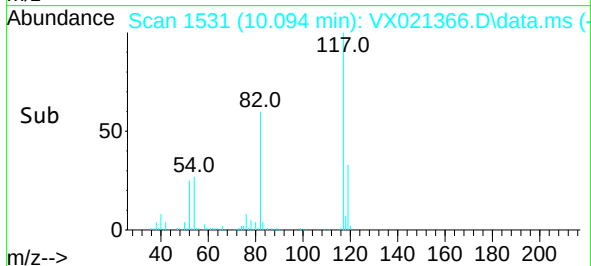
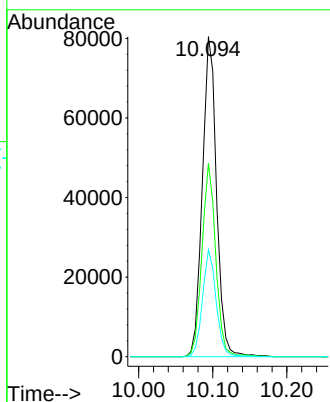
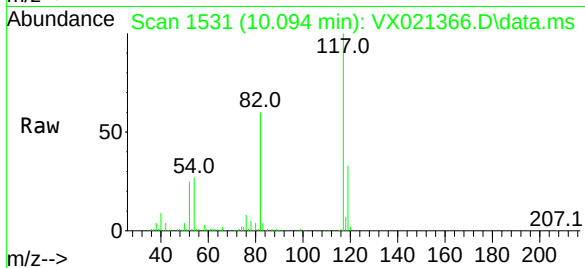




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

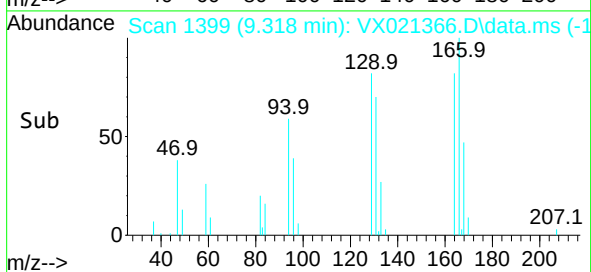
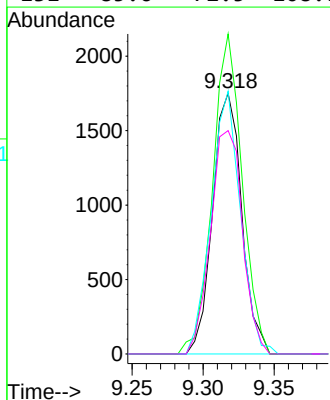
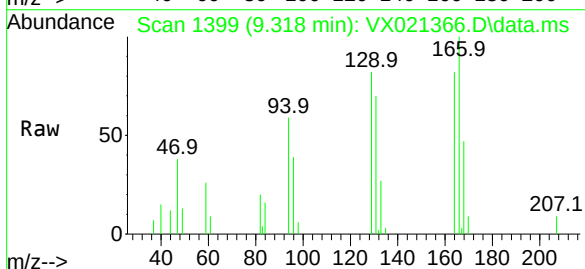
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20210317DL

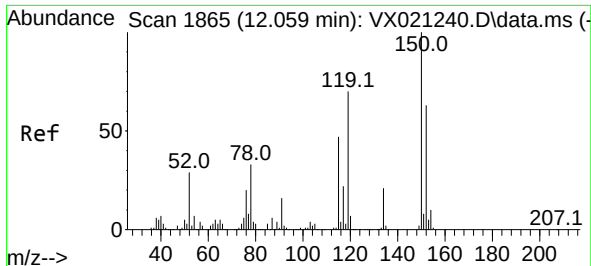
Tgt Ion:117 Resp: 107214
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 33.4 26.6 39.8



#64
Tetrachloroethene
Concen: 3.13 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021366.D
Acq: 22 Mar 2021 18:14

Tgt Ion:164 Resp: 2503
Ion Ratio Lower Upper
164 100
166 122.7 103.4 155.2
129 100.7 70.8 106.2
131 85.6 72.5 108.7

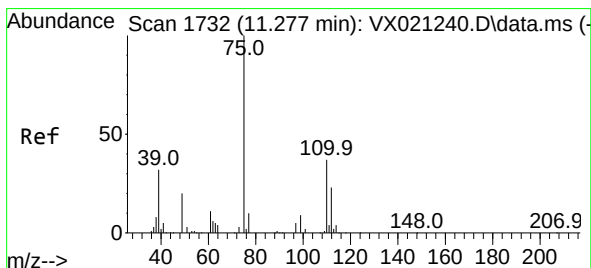
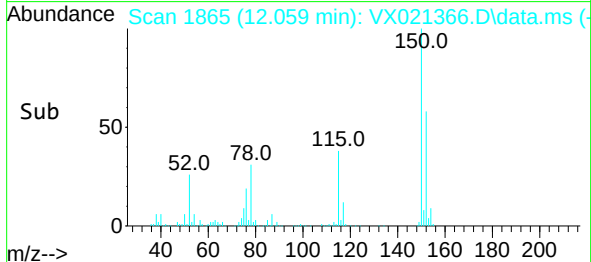
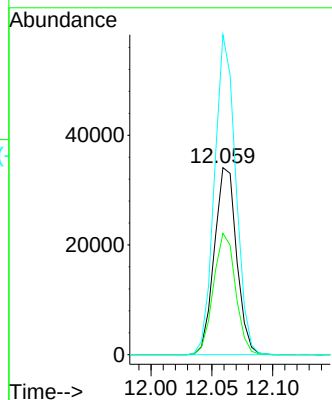
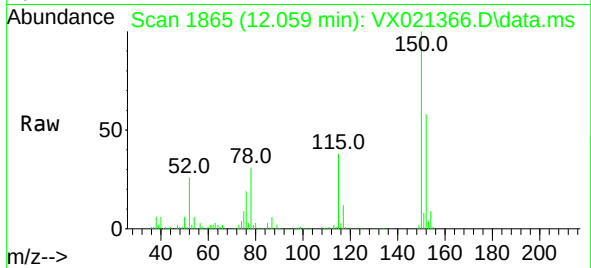




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021366.D
 Acq: 22 Mar 2021 18:14

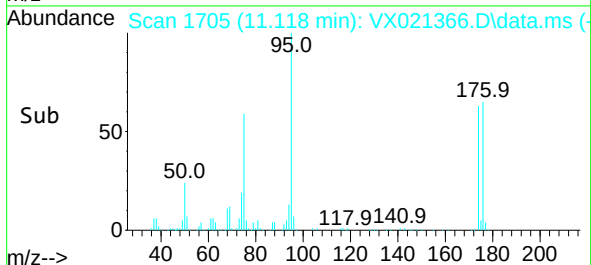
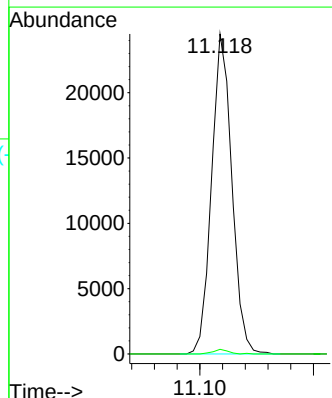
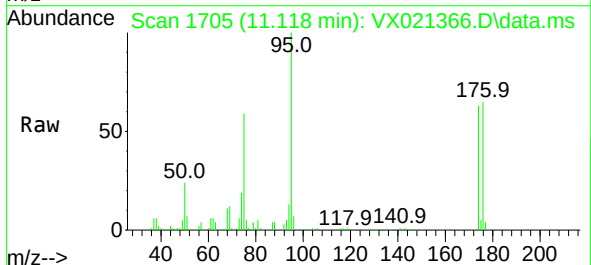
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20210317DL

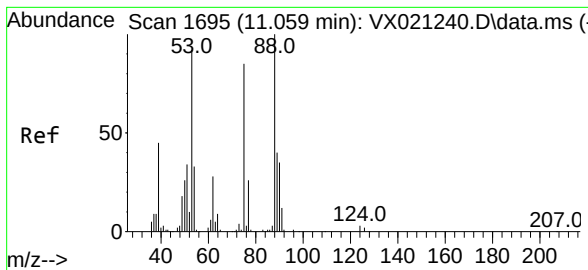
Tgt Ion:152 Resp: 43460
 Ion Ratio Lower Upper
 152 100
 115 64.2 41.1 123.3
 150 162.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.09 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021366.D
 Acq: 22 Mar 2021 18:14

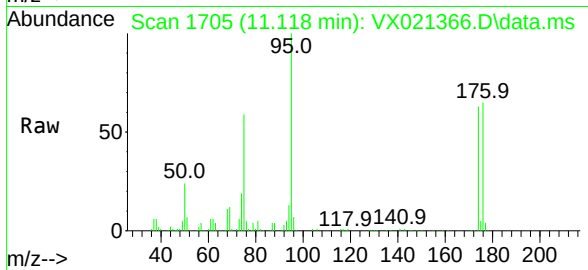
Tgt Ion: 75 Resp: 30335
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.69 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021366.D
 Acq: 22 Mar 2021 18:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20210317DL



Tgt Ion: 75 Resp: 30335
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

