

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021676.D
 Acq On : 31 Mar 2021 12:04
 Operator : JC/MD
 Sample : M1842-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210323DL

Quant Time: Apr 01 03:22:57 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)

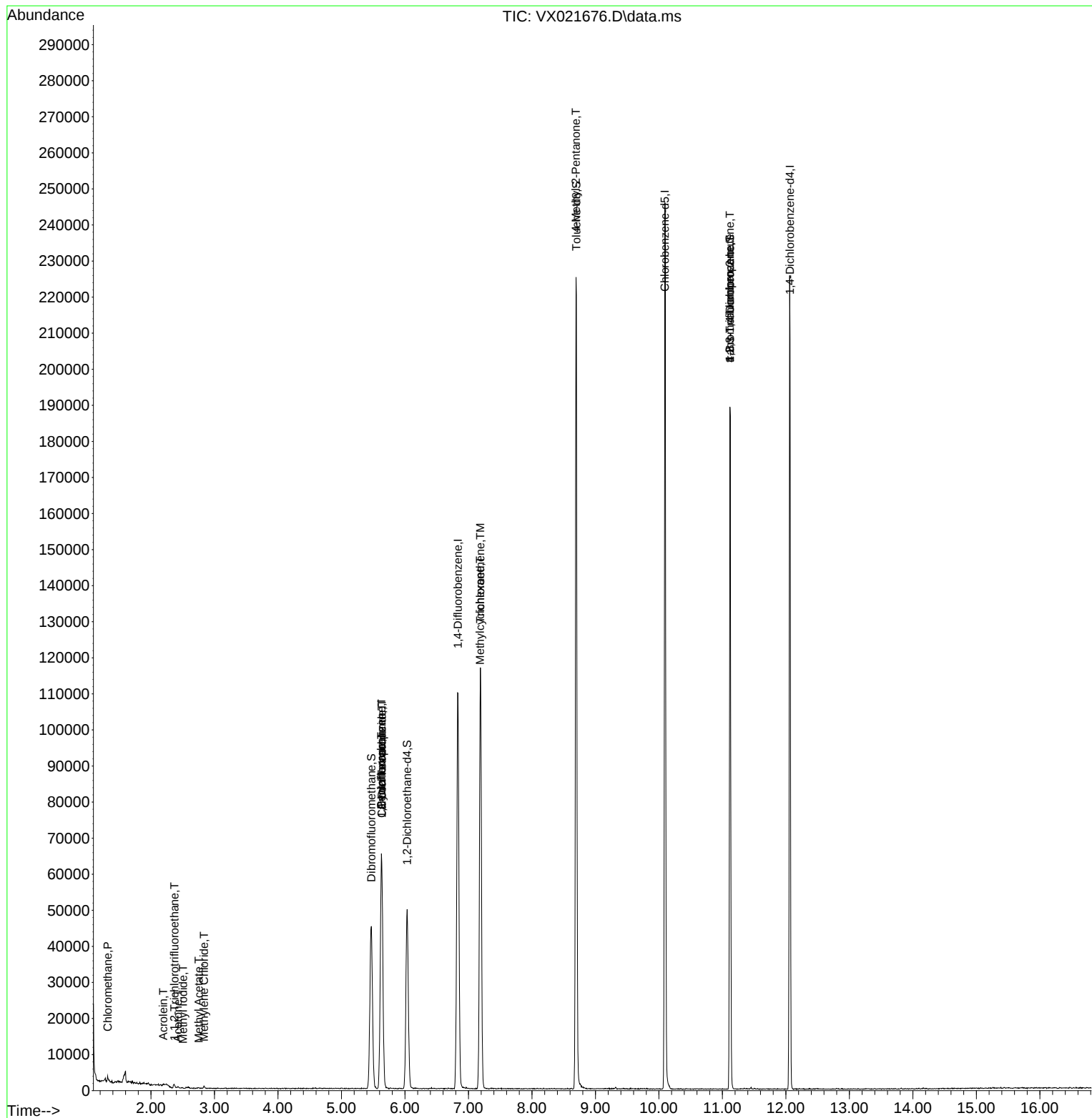
Internal Standards						
1) Pentafluorobenzene	5.629	168	57185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	102527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	103248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	41781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	48857	51.35	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.70%	
35) Dibromofluoromethane	5.470	113	37774	51.87	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.74%	
50) Toluene-d8	8.700	98	130836	50.41	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.82%	
62) 4-Bromofluorobenzene	11.118	95	49140	48.70	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.40%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1581	2.23	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.370	101	363	0.62	ug/l	97
10) Methyl Iodide	2.505	142	87	6.81	ug/l #	42
13) Acrolein	2.193	56	18	4.52	ug/l #	14
16) Acetone	2.423	43	447	1.24	ug/l #	81
18) Methyl Acetate	2.752	43	270	0.26	ug/l #	47
20) Methylene Chloride	2.834	84	173	0.25	ug/l #	92
31) Cyclohexane	5.629	56	1497	1.43	ug/l #	27
36) 1,1-Dichloropropene	5.635	75	5188	5.16	ug/l #	46
38) Carbon Tetrachloride	5.635	117	5989	5.55	ug/l #	16
39) Methylcyclohexane	7.182	83	587	0.53	ug/l #	1
44) Trichloroethene	7.188	130	41855	55.60	ug/l	92
51) 4-Methyl-2-Pentanone	8.694	43	755	0.65	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	27658	28.44	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	27658	86.61	ug/l #	12

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

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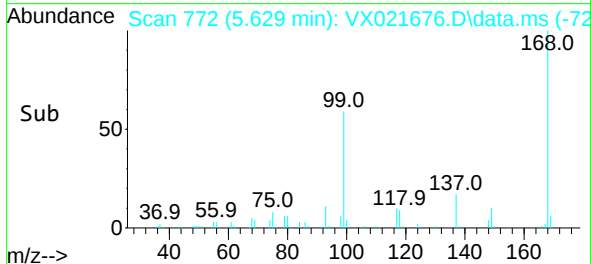
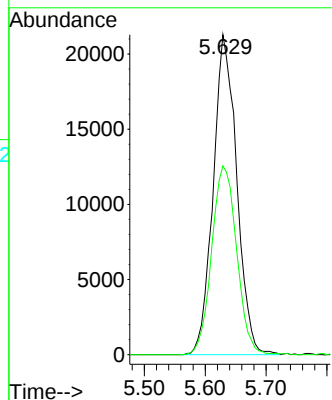
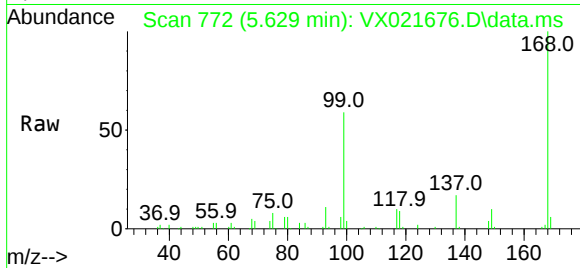




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

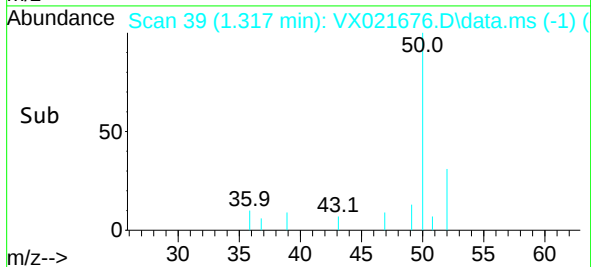
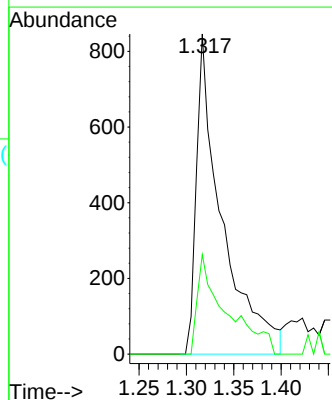
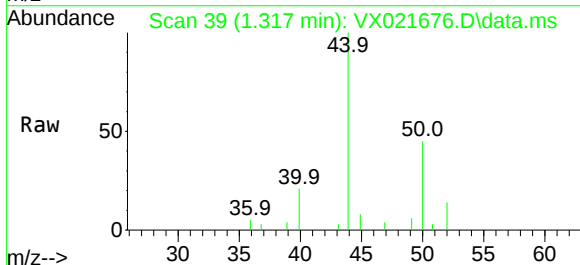
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

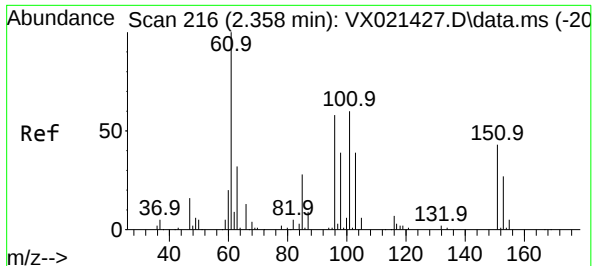
Tgt Ion:168 Resp: 57185
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#3
Chloromethane
Concen: 2.23 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

Tgt Ion: 50 Resp: 1581
Ion Ratio Lower Upper
50 100
52 31.1 26.4 39.6

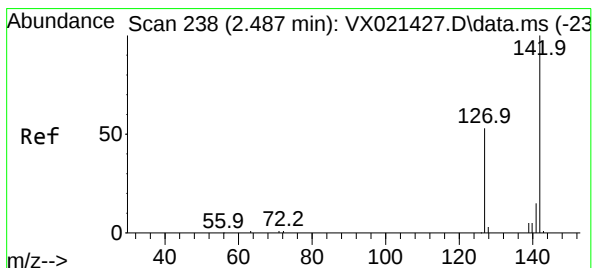
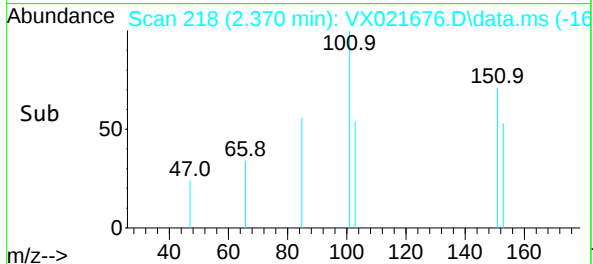
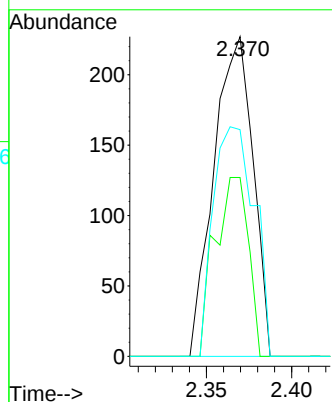
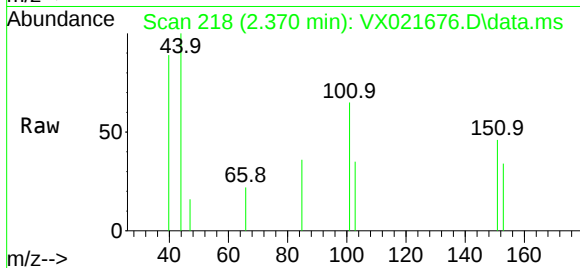




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.62 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

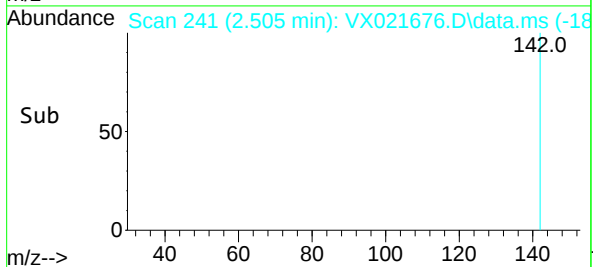
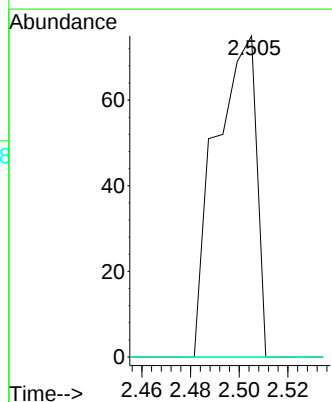
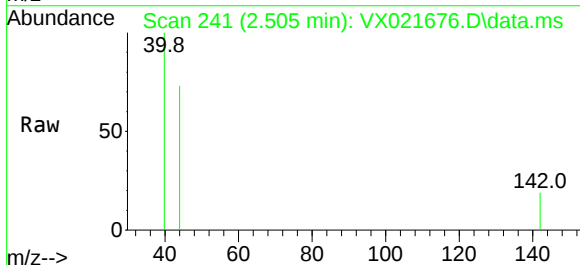
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

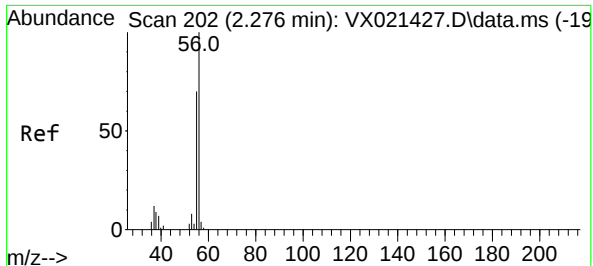
Tgt Ion:101 Resp: 363
Ion Ratio Lower Upper
101 100
85 47.9 34.9 52.3
151 75.5 61.4 92.2



#10
Methyl Iodide
Concen: 6.81 ug/l
RT: 2.505 min Scan# 241
Delta R.T. 0.018 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

Tgt Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

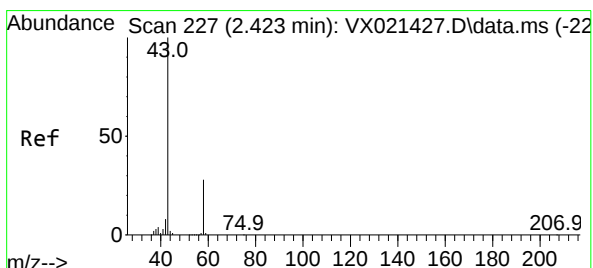
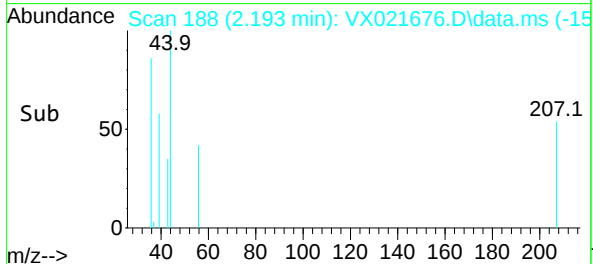
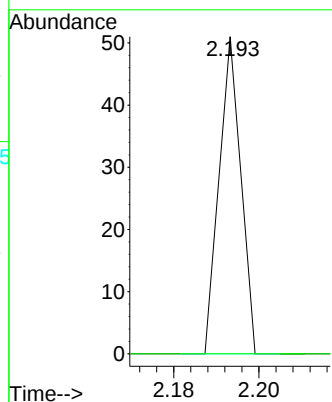
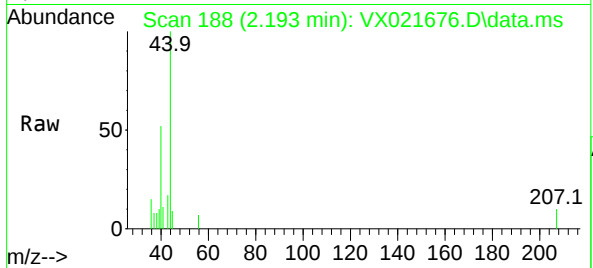




#13
Acrolein
Concen: 4.52 ug/l
RT: 2.193 min Scan# 188
Delta R.T. -0.083 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

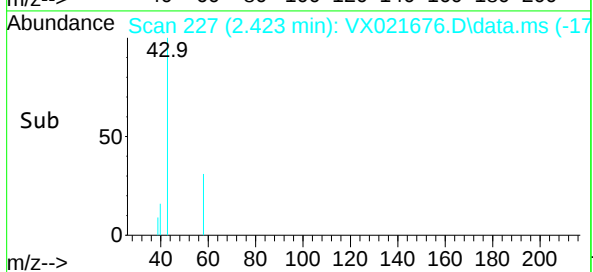
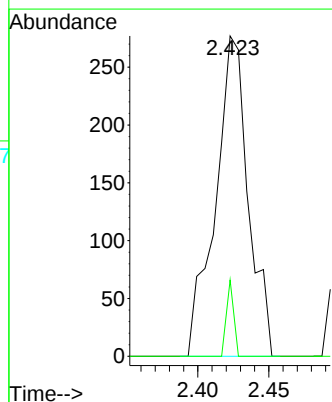
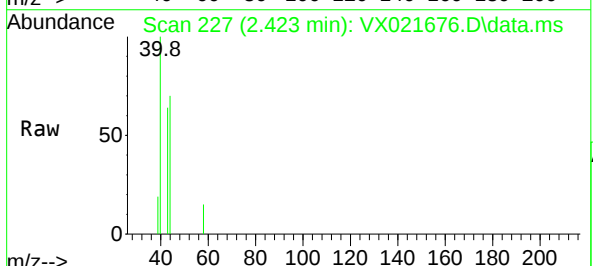
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

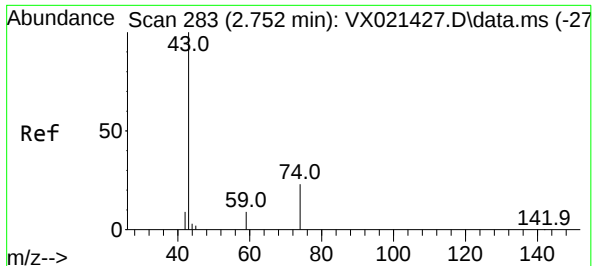
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.24 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
58 23.8 27.8 41.8#

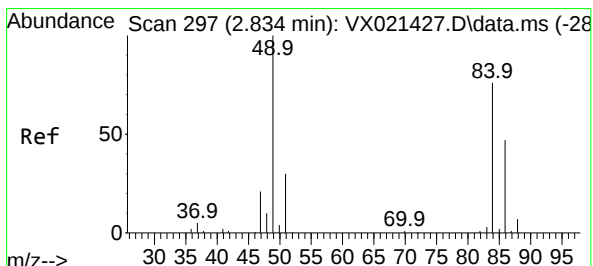
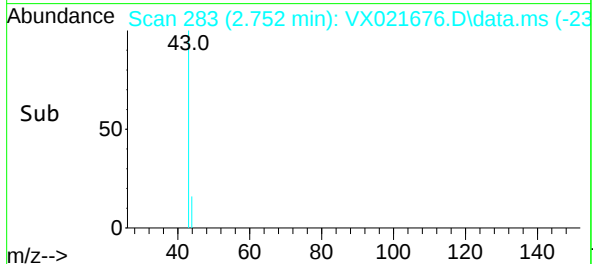
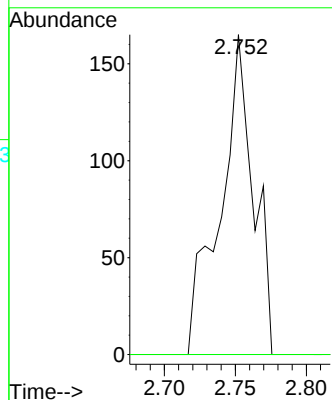
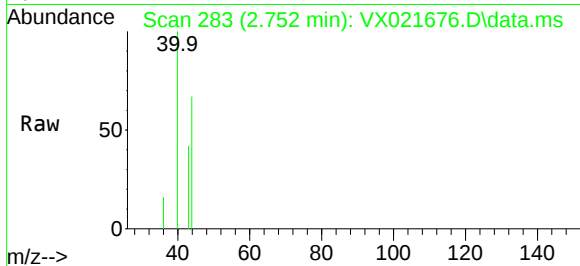




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

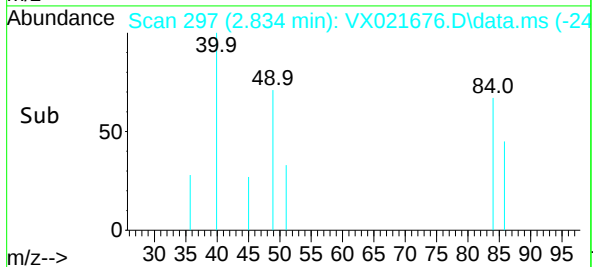
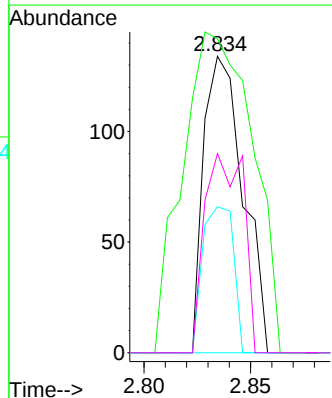
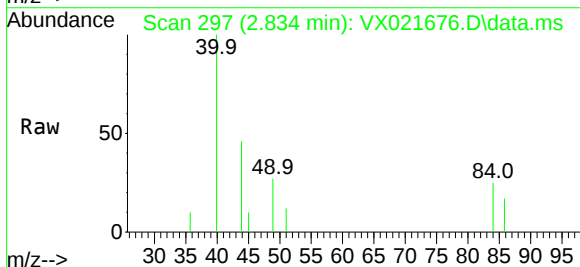
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

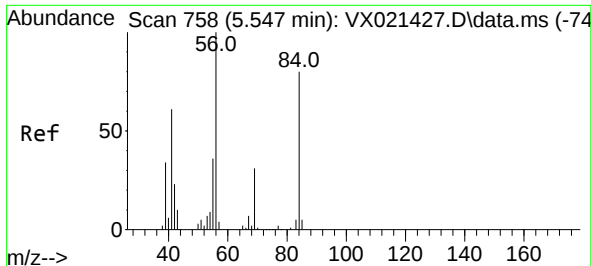
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

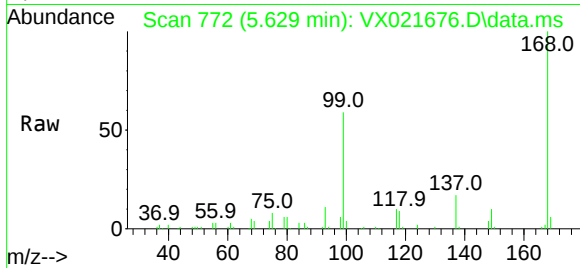
Tgt Ion: 84 Resp: 173
Ion Ratio Lower Upper
84 100
49 106.0 88.6 132.8
51 49.3 27.0 40.6#
86 67.2 50.3 75.5



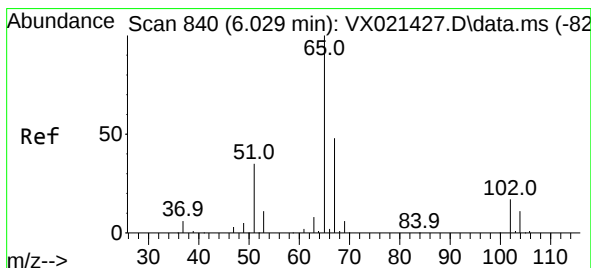
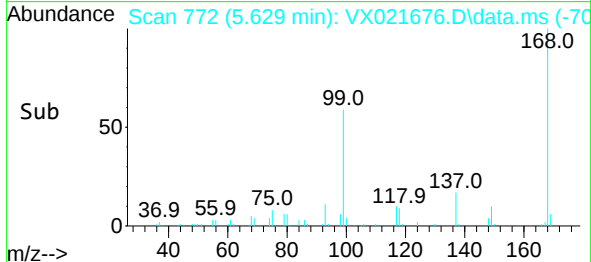
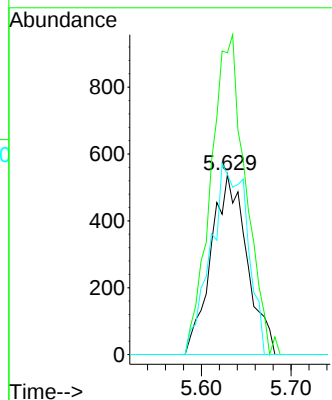


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

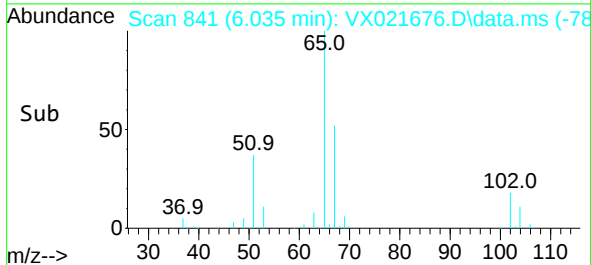
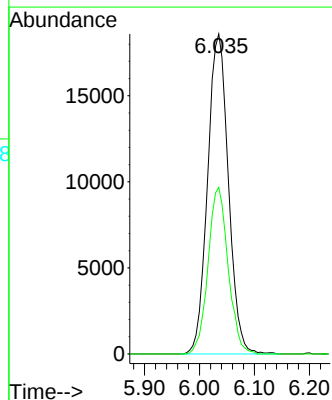
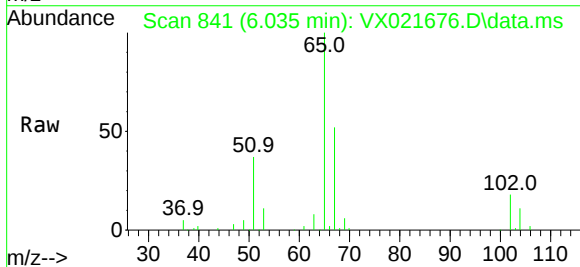


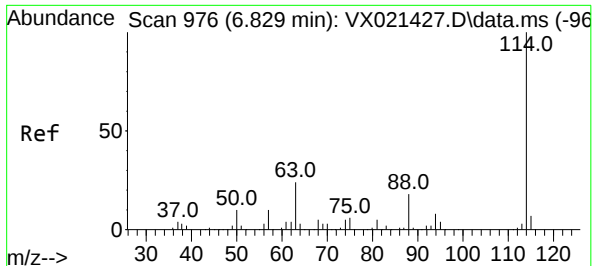
Tgt Ion: 56 Resp: 1497
Ion Ratio Lower Upper
56 100
69 167.8 25.3 37.9#
84 100.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.35 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

Tgt Ion: 65 Resp: 48857
Ion Ratio Lower Upper
65 100
67 50.3 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: VX021676.D

Acq: 31 Mar 2021 12:04

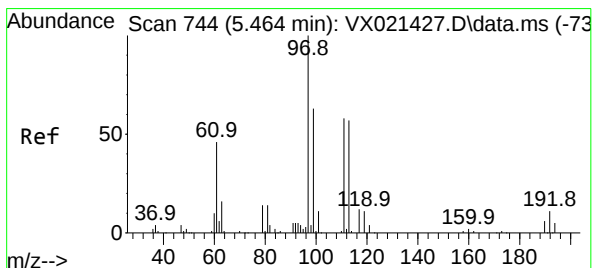
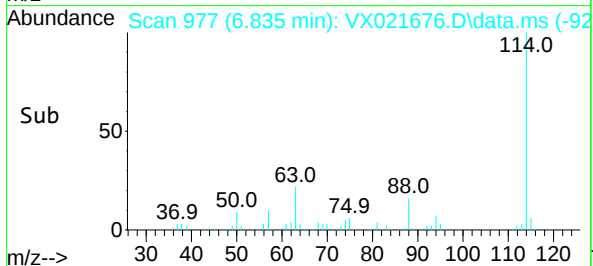
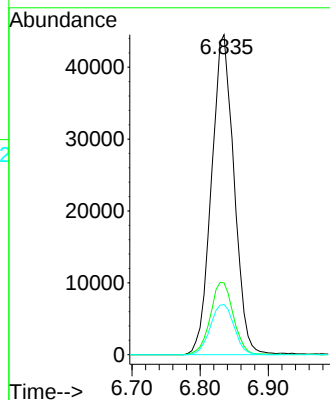
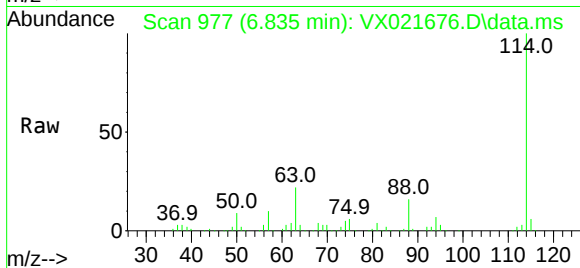
Tgt Ion:114 Resp: 102527

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.87 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021676.D

Acq: 31 Mar 2021 12:04

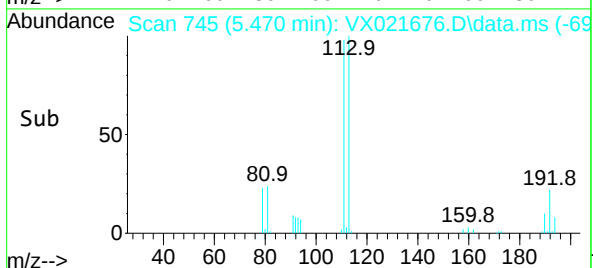
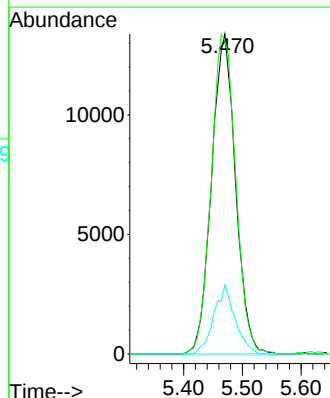
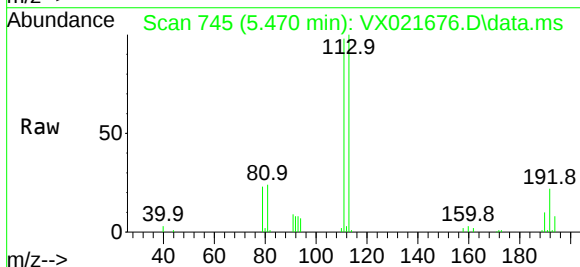
Tgt Ion:113 Resp: 37774

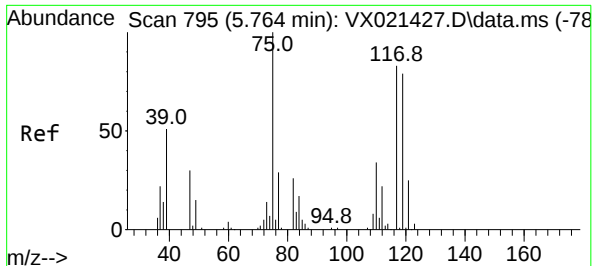
Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 19.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.16 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.129 min

Lab File: VX021676.D

Acq: 31 Mar 2021 12:04

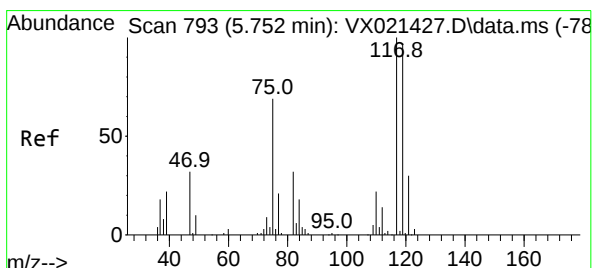
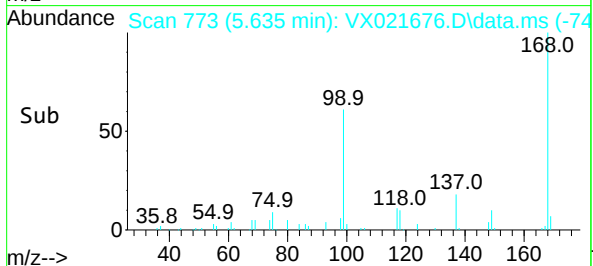
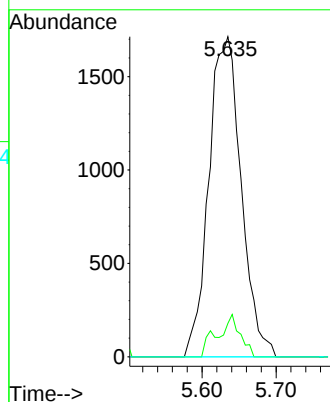
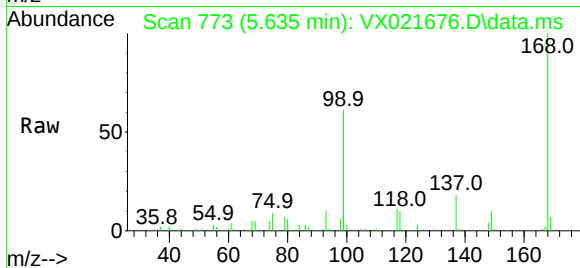
Tgt Ion:	75	Resp:	5188
Ion	Ratio	Lower	Upper
75	100		
110	6.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20210323DL



#38

Carbon Tetrachloride

Concen: 5.55 ug/l

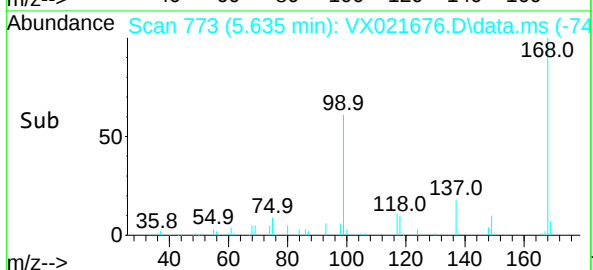
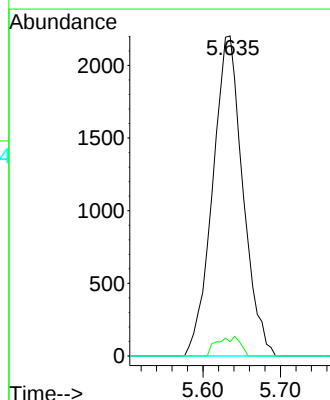
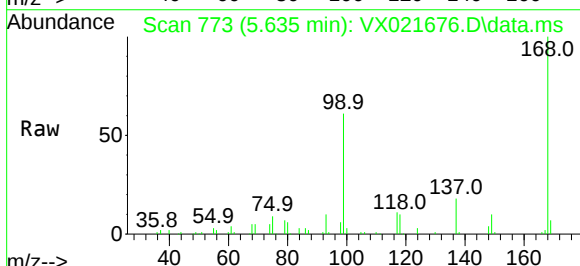
RT: 5.635 min Scan# 773

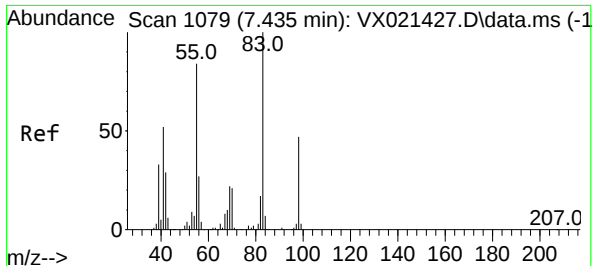
Delta R.T. -0.117 min

Lab File: VX021676.D

Acq: 31 Mar 2021 12:04

Tgt Ion:	117	Resp:	5989
Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.53 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.253 min

Lab File: VX021676.D

Acq: 31 Mar 2021 12:04

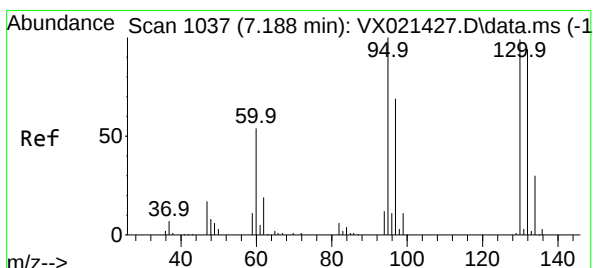
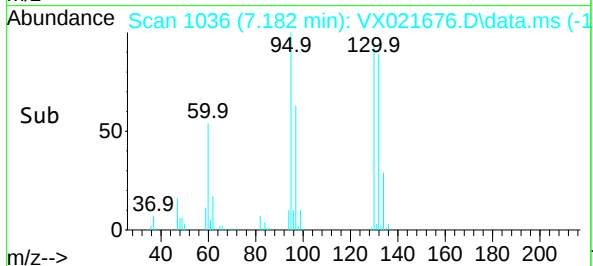
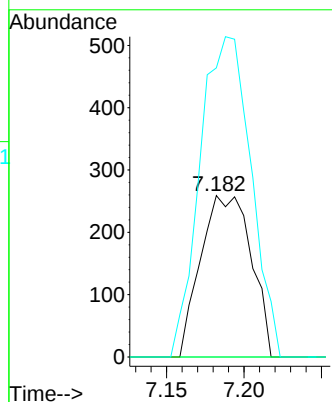
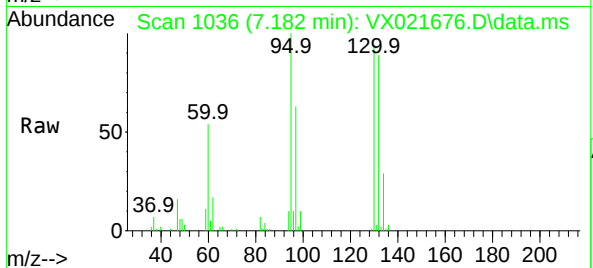
Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20210323DL

Tgt Ion: 83	Resp: 587
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 179.2	38.1 57.1#



#44

Trichloroethene

Concen: 55.60 ug/l

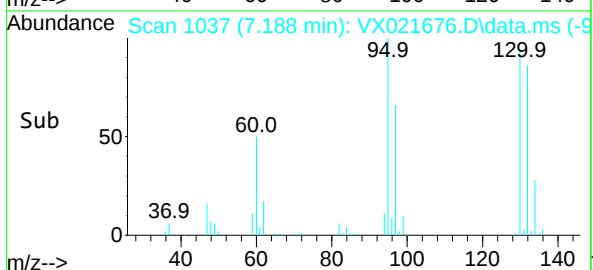
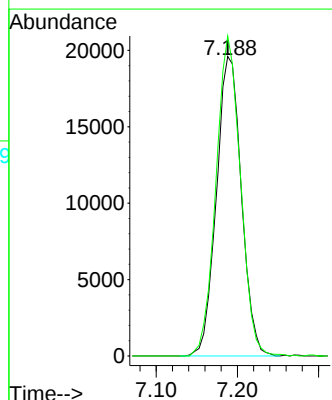
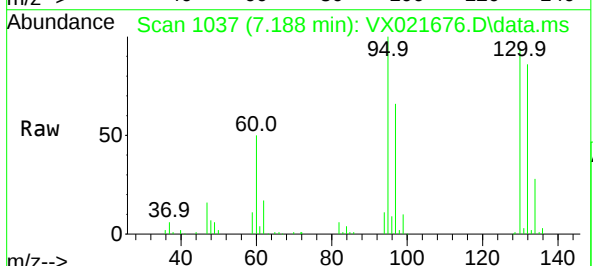
RT: 7.188 min Scan# 1037

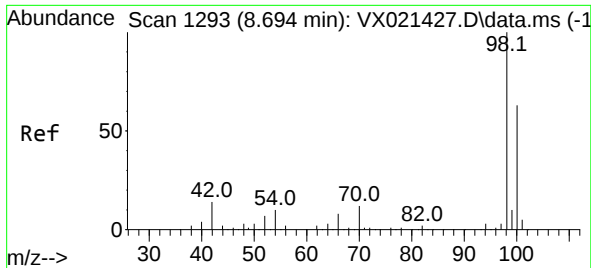
Delta R.T. -0.000 min

Lab File: VX021676.D

Acq: 31 Mar 2021 12:04

Tgt Ion: 130	Resp: 41855
Ion Ratio	Lower Upper
130 100	
95 106.9	0.0 198.0

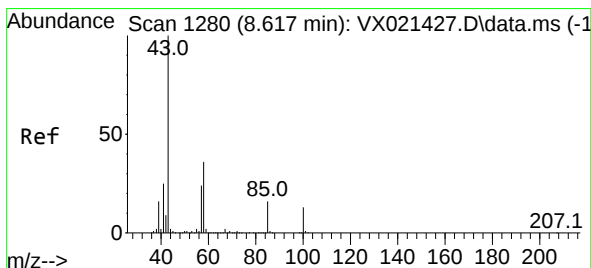
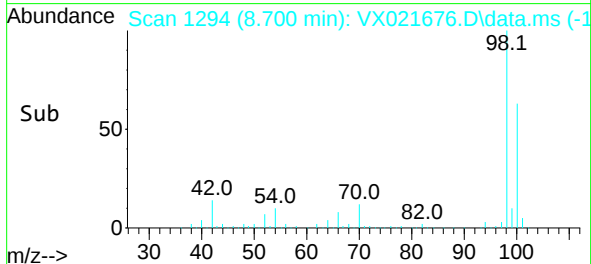
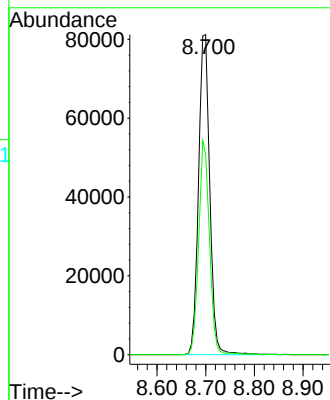
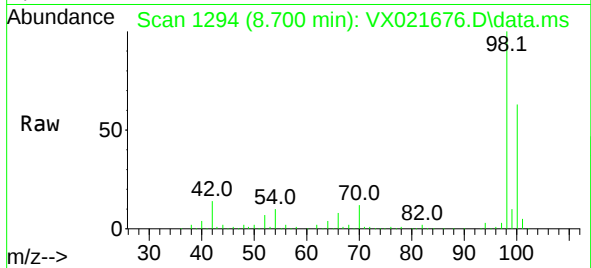




#50
Toluene-d8
Concen: 50.41 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

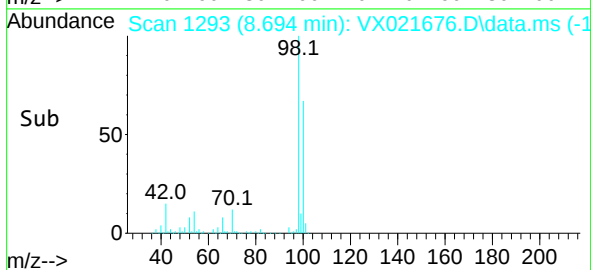
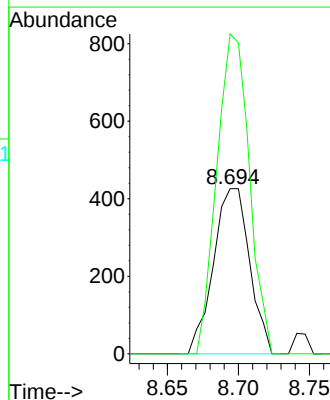
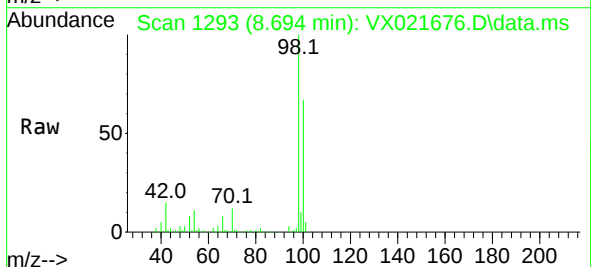
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

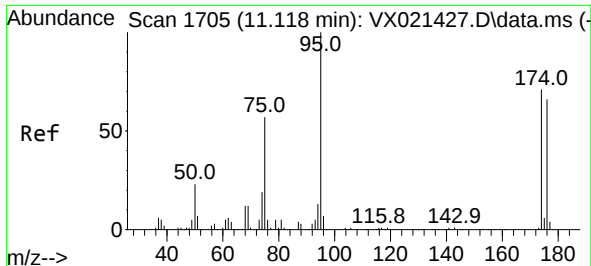
Tgt Ion: 98 Resp: 130836
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 173.8 35.4 53.0#

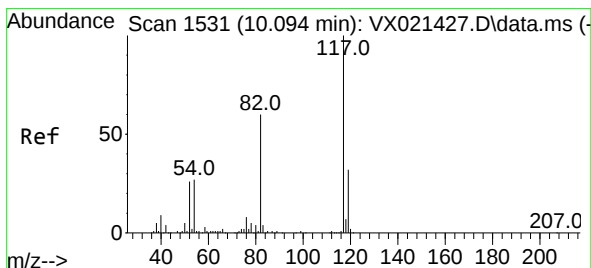
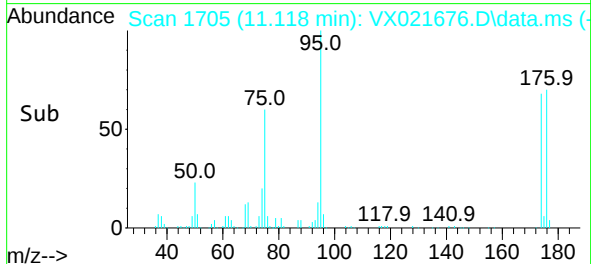
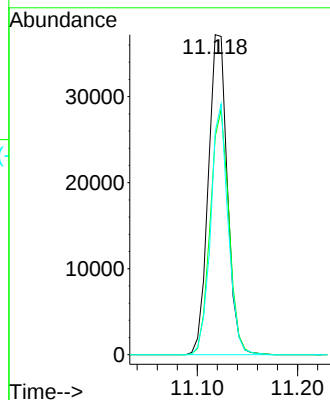
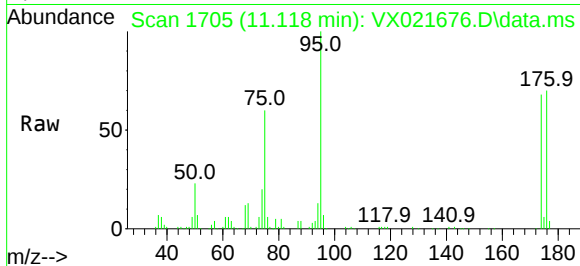




#62
4-Bromofluorobenzene
Concen: 48.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

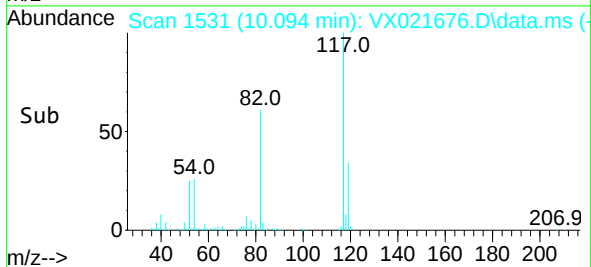
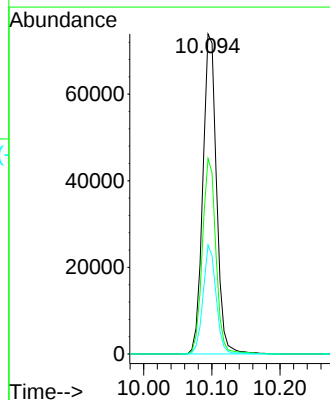
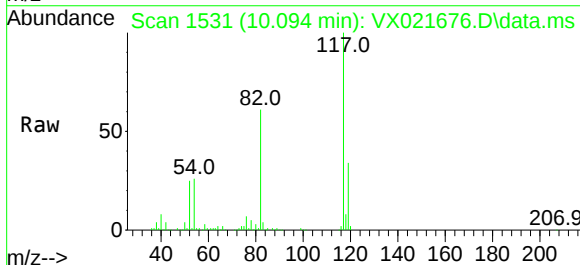
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

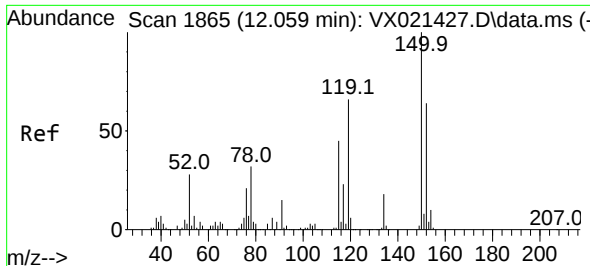
Tgt Ion: 95 Resp: 49140
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.6
176 71.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

Tgt Ion: 117 Resp: 103248
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 34.1 26.6 39.8

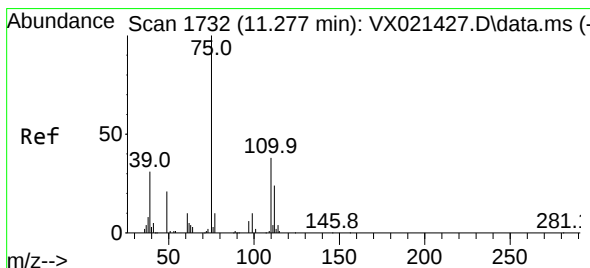
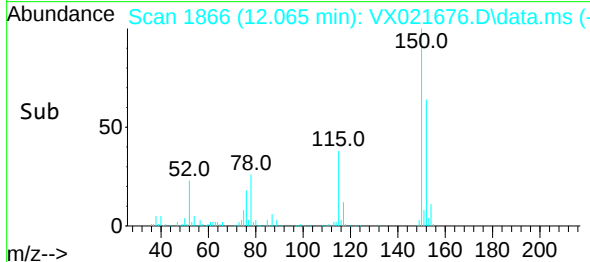
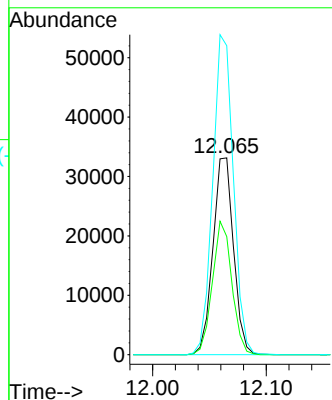
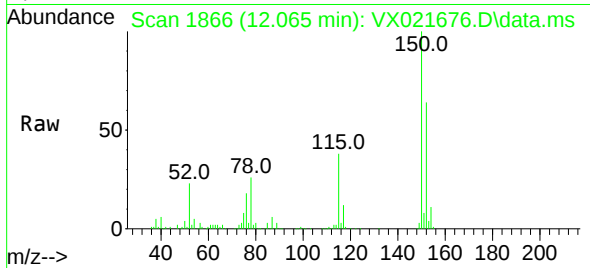




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

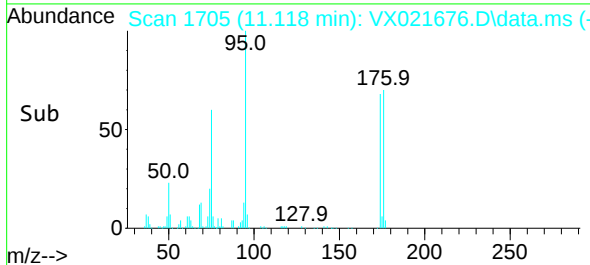
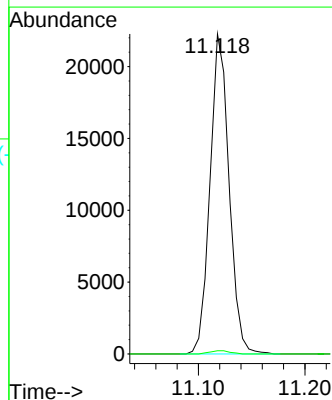
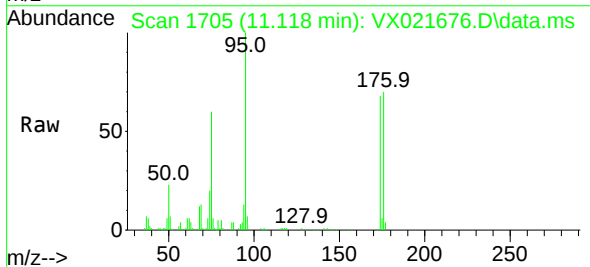
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210323DL

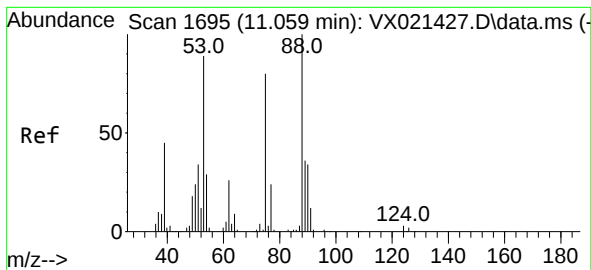
Tgt Ion:152 Resp: 41781
Ion Ratio Lower Upper
152 100
115 64.0 41.1 123.3
150 162.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.44 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021676.D
Acq: 31 Mar 2021 12:04

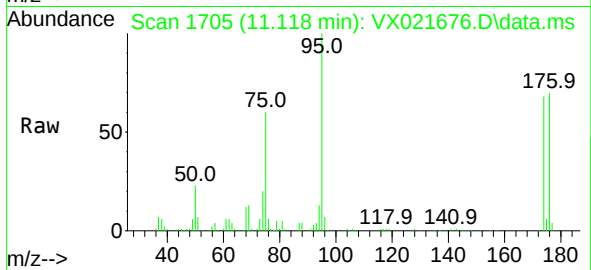
Tgt Ion: 75 Resp: 27658
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.61 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021676.D
 Acq: 31 Mar 2021 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210323DL



Tgt Ion: 75 Resp: 27658
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

