

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021638.D
 Acq On : 30 Mar 2021 18:26
 Operator : JC/MD
 Sample : M1843-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20210325

Quant Time: Mar 31 05:01:07 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)

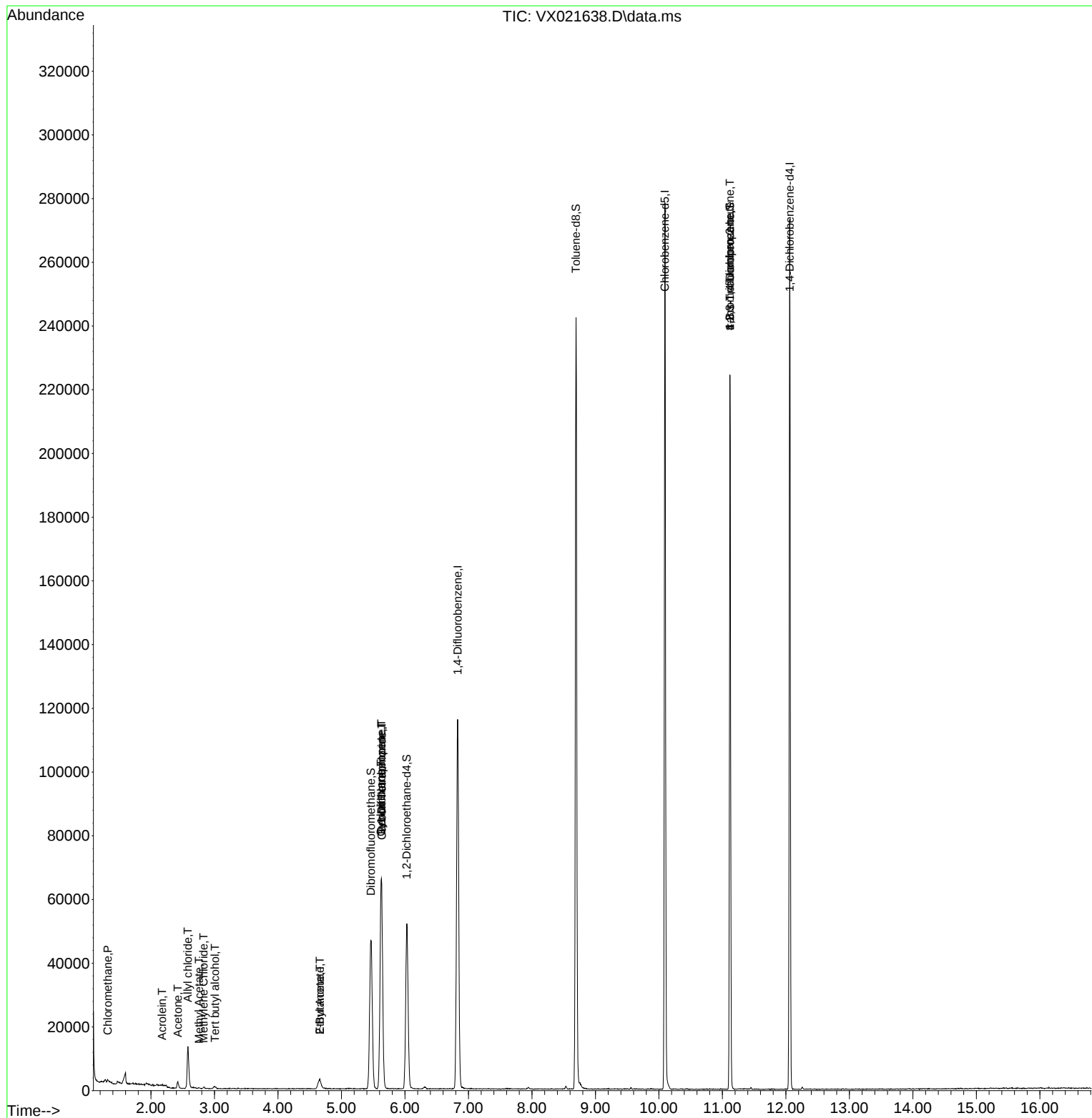
Internal Standards						
1) Pentafluorobenzene	5.629	168	57681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51577	53.74	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.48%		
35) Dibromofluoromethane	5.464	113	39601	50.85	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.70%		
50) Toluene-d8	8.694	98	138509	49.91	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.82%		
62) 4-Bromofluorobenzene	11.118	95	55898	51.81	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.62%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1285	1.80	ug/l #	79
11) Tert butyl alcohol	3.005	59	653	4.12	ug/l #	73
13) Acrolein	2.175	56	21	4.56	ug/l #	82
14) Allyl chloride	2.581	41	1543	1.31	ug/l #	60
16) Acetone	2.423	43	2093	5.77	ug/l	96
18) Methyl Acetate	2.758	43	312	0.30	ug/l #	47
20) Methylene Chloride	2.828	84	155	0.22	ug/l #	50
25) 2-Butanone	4.658	43	339	0.62	ug/l #	45
31) Cyclohexane	5.623	56	1608	1.52	ug/l #	34
36) 1,1-Dichloropropene	5.629	75	5273	4.91	ug/l #	50
37) Ethyl Acetate	4.658	43	339	0.27	ug/l #	71
38) Carbon Tetrachloride	5.635	117	6697	5.80	ug/l #	15
76) 1,2,3-Trichloropropane	11.118	75	31348	27.74	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31348	84.50	ug/l #	12

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

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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

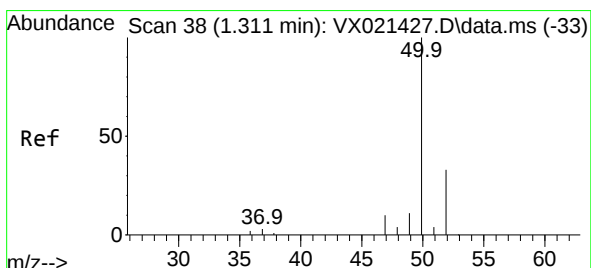
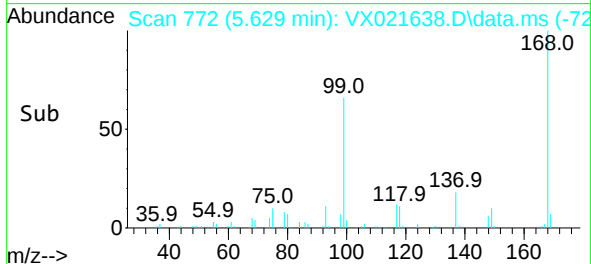
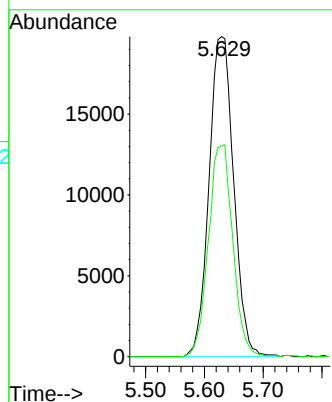
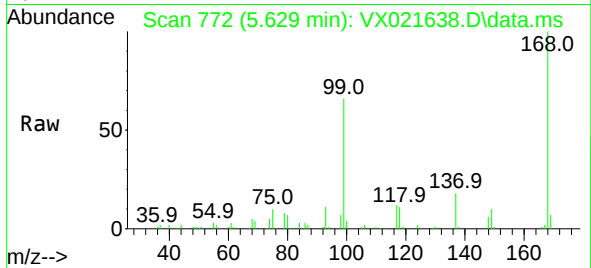




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

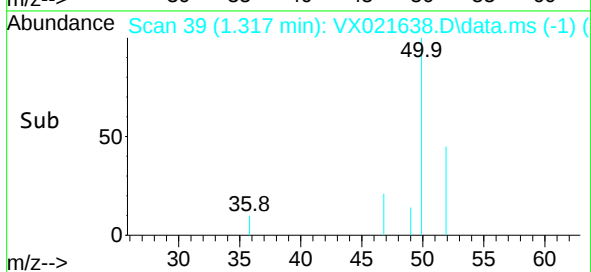
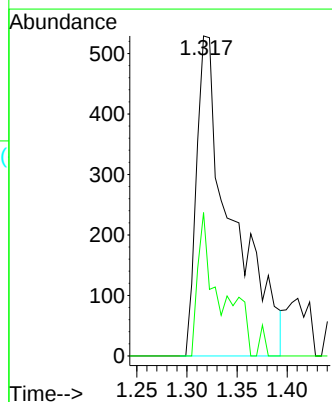
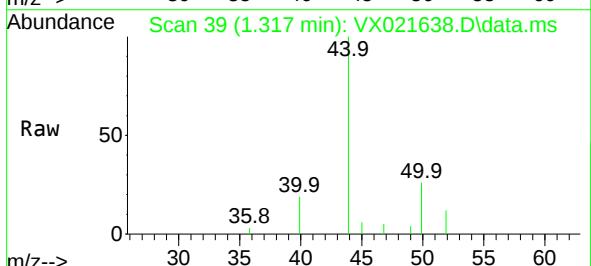
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

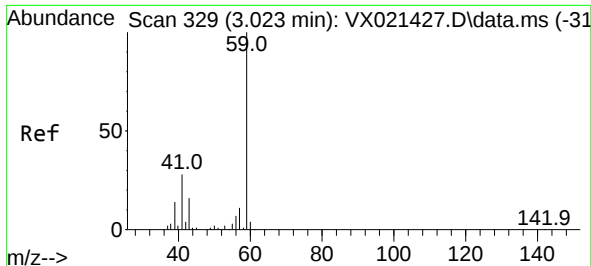
Tgt Ion:168 Resp: 57681
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#3
Chloromethane
Concen: 1.80 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

Tgt Ion: 50 Resp: 1285
Ion Ratio Lower Upper
50 100
52 44.8 26.4 39.6#

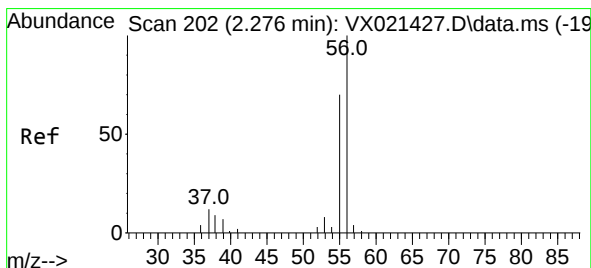
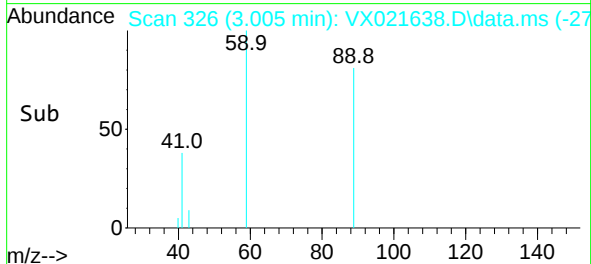
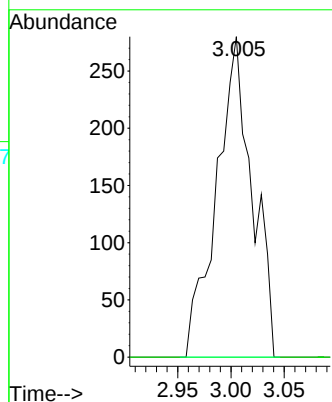
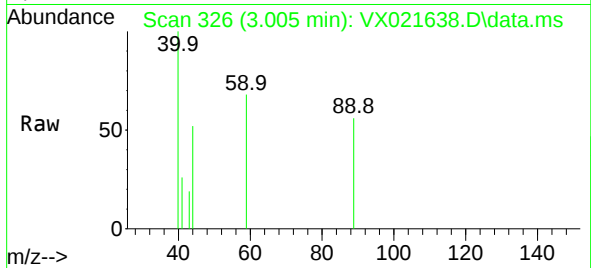




#11
Tert butyl alcohol
Concen: 4.12 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

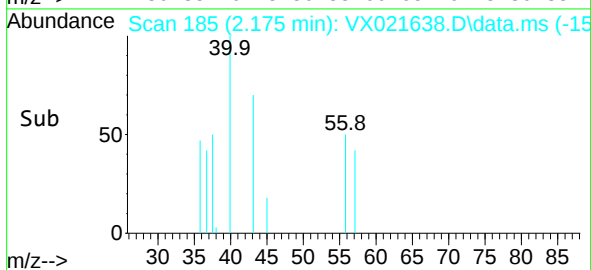
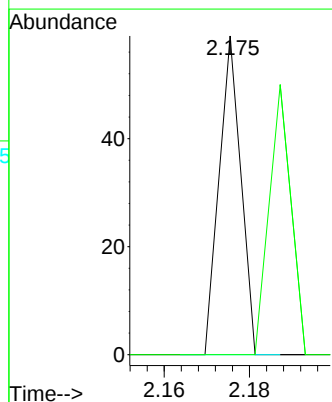
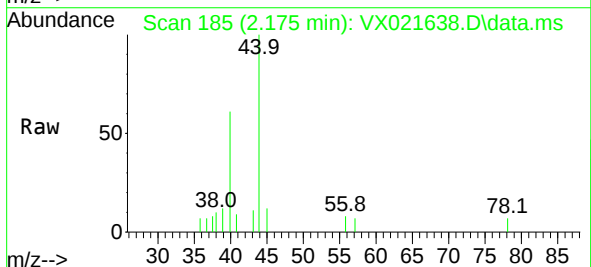
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

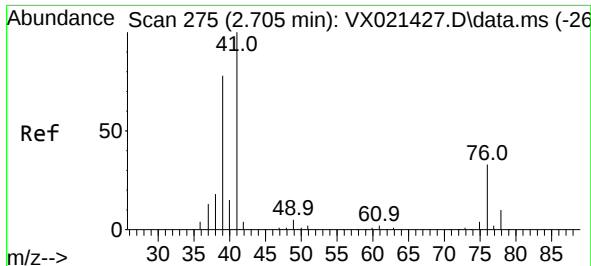
Tgt Ion: 59 Resp: 653
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.56 ug/l
RT: 2.175 min Scan# 185
Delta R.T. -0.101 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

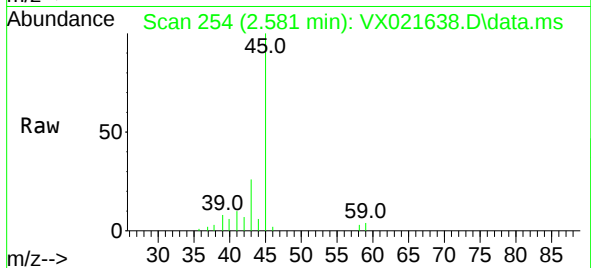
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 85.7 56.4 84.6#



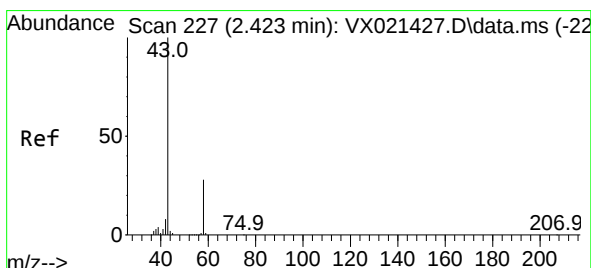
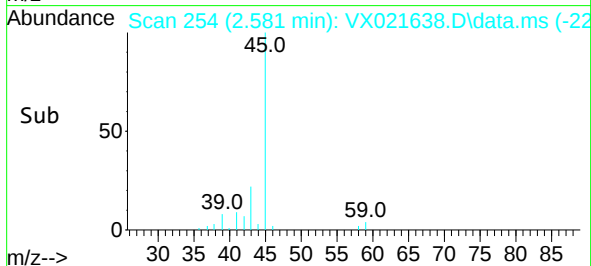
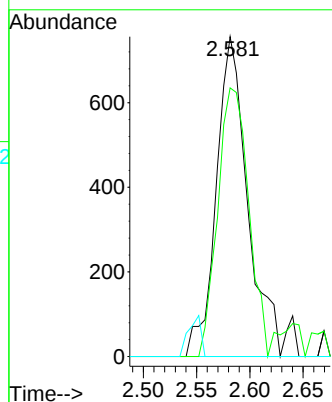


#14
 Allyl chloride
 Concen: 1.31 ug/l
 RT: 2.581 min Scan# 254
 Delta R.T. -0.124 min
 Lab File: VX021638.D
 Acq: 30 Mar 2021 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20210325

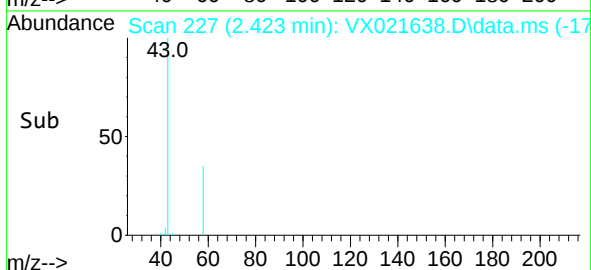
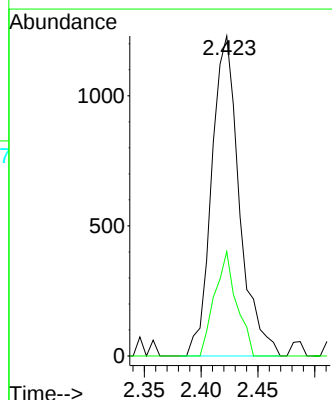
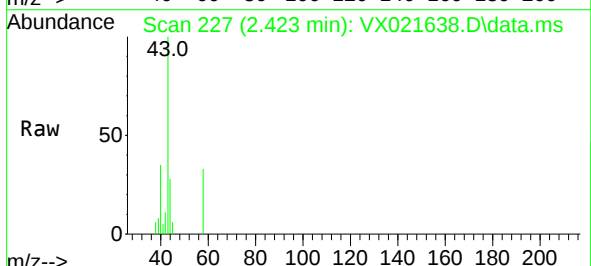


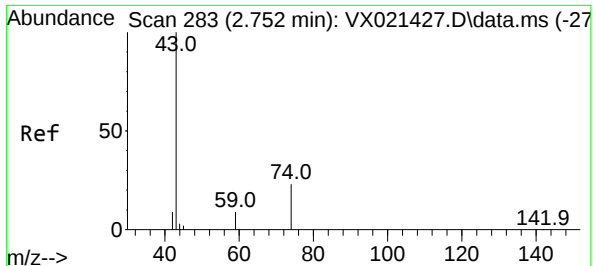
Tgt Ion:	41	Resp:	1543
Ion	Ratio	Lower	Upper
41	100		
39	85.4	51.6	77.4#
76	0.0	30.5	45.7#



#16
 Acetone
 Concen: 5.77 ug/l
 RT: 2.423 min Scan# 227
 Delta R.T. -0.000 min
 Lab File: VX021638.D
 Acq: 30 Mar 2021 18:26

Tgt Ion:	43	Resp:	2093
Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.8	41.8

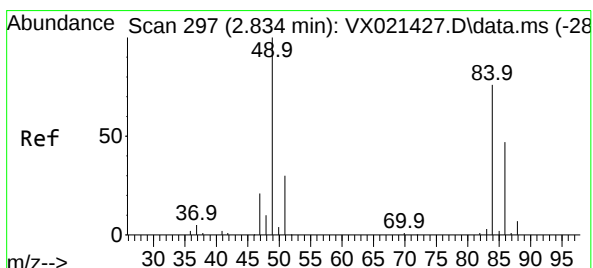
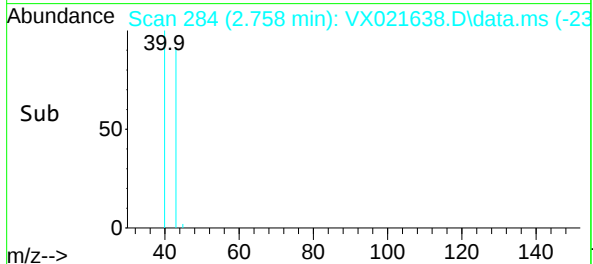
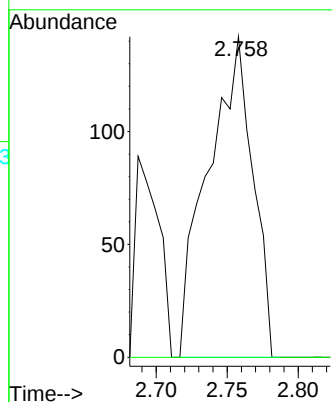
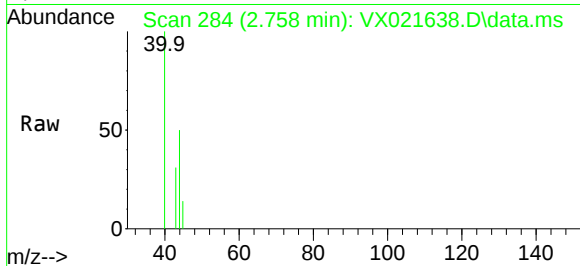




#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

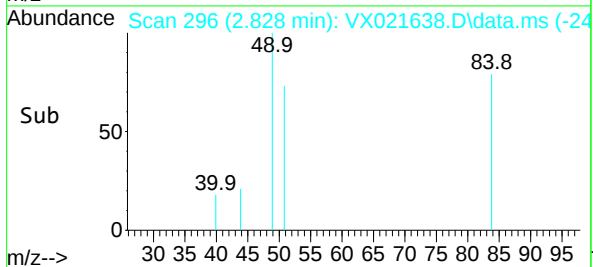
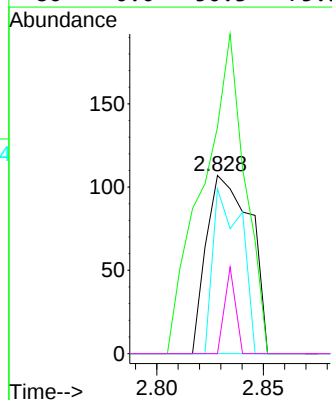
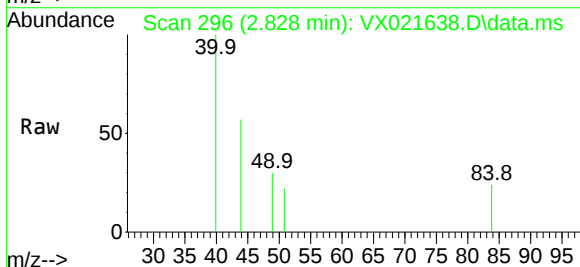
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

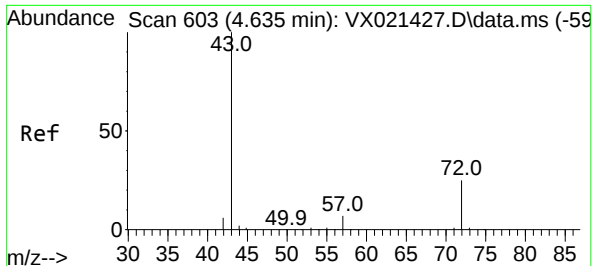
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.828 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

Tgt Ion: 84 Resp: 155
Ion Ratio Lower Upper
84 100
49 127.1 88.6 132.8
51 92.5 27.0 40.6#
86 0.0 50.3 75.5#





#25

2-Butanone

Concen: 0.62 ug/l

RT: 4.658 min Scan# 607

Delta R.T. 0.023 min

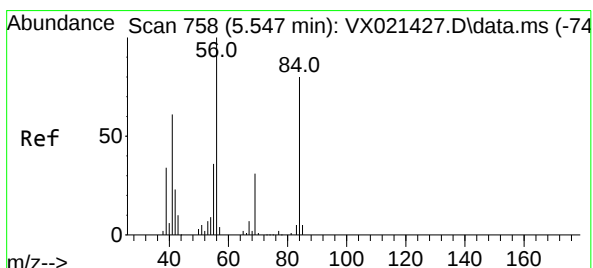
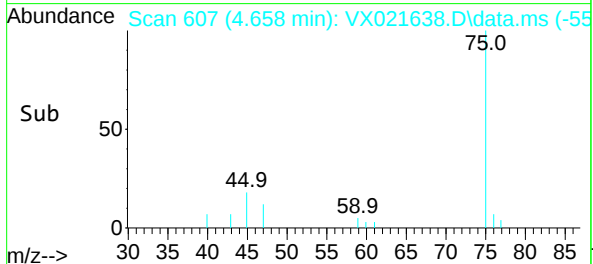
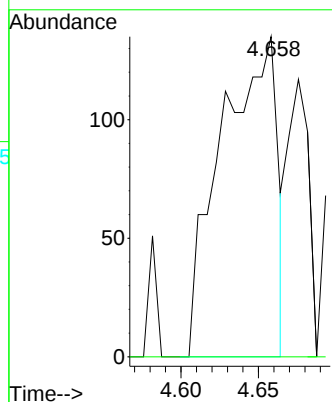
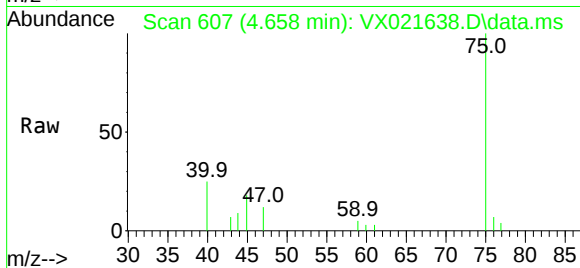
Lab File: VX021638.D

Acq: 30 Mar 2021 18:26

Tgt Ion: 43 Resp: 339

Ion Ratio Lower Upper

43	100		
72	0.0	23.7	35.5#



#31

Cyclohexane

Concen: 1.52 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

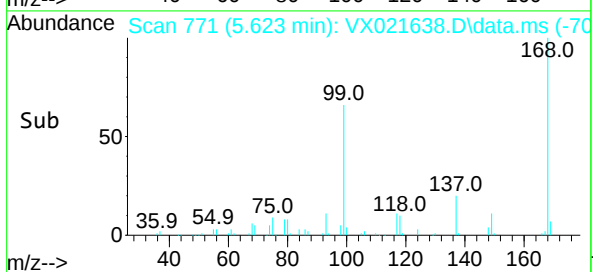
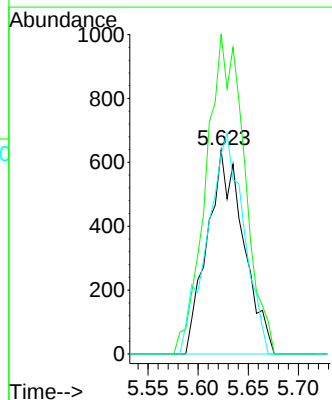
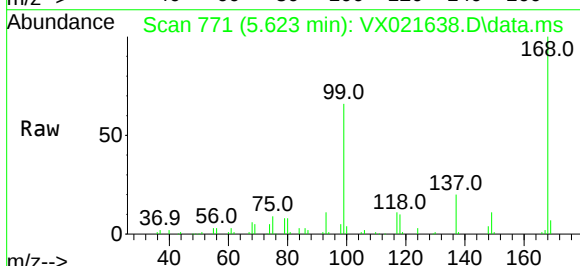
Lab File: VX021638.D

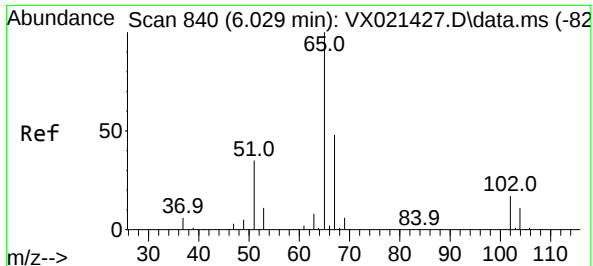
Acq: 30 Mar 2021 18:26

Tgt Ion: 56 Resp: 1608

Ion Ratio Lower Upper

56	100		
69	157.1	25.3	37.9#
84	98.4	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 53.74 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021638.D

Acq: 30 Mar 2021 18:26

Tgt Ion: 65 Resp: 51577

Ion Ratio Lower Upper

65 100

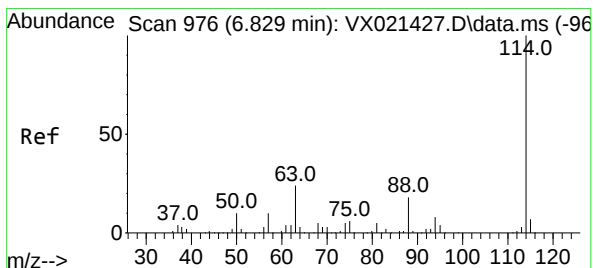
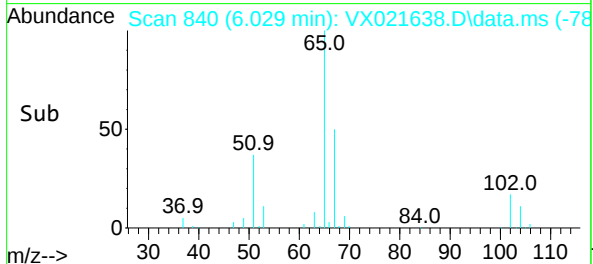
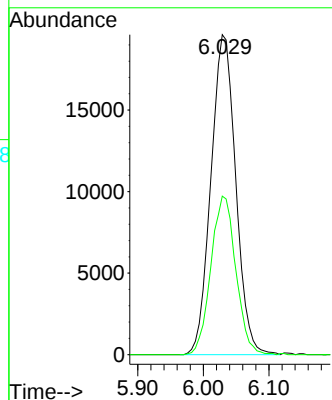
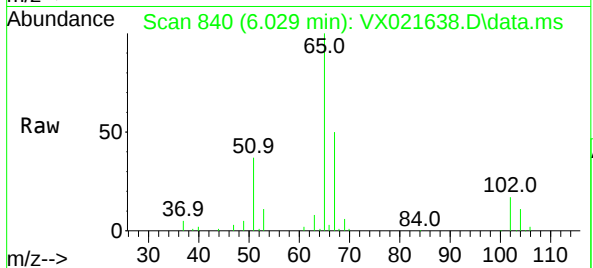
67 49.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20210325



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021638.D

Acq: 30 Mar 2021 18:26

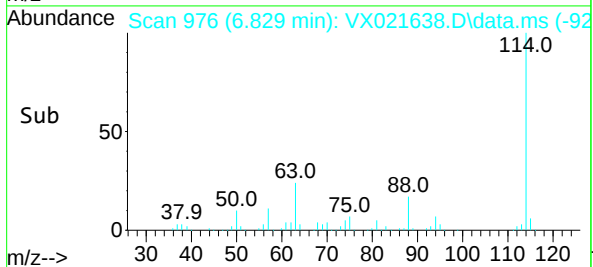
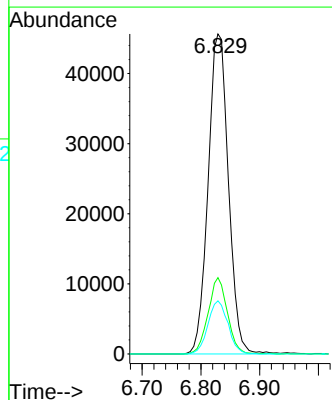
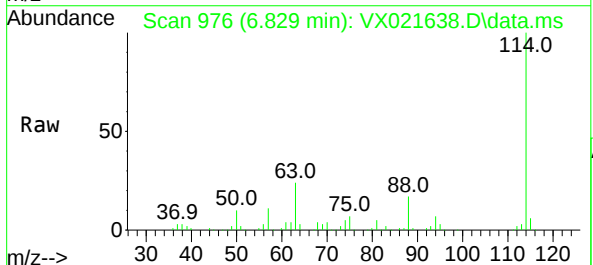
Tgt Ion: 114 Resp: 109638

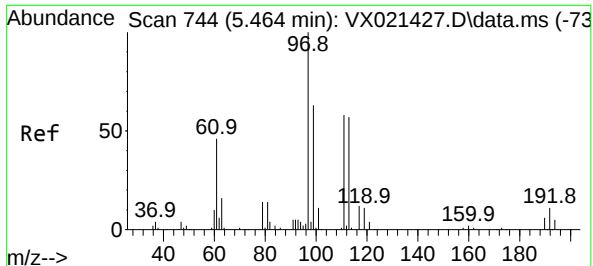
Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.8

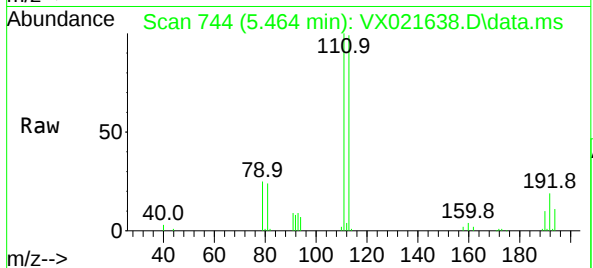
88 16.6 0.0 32.8



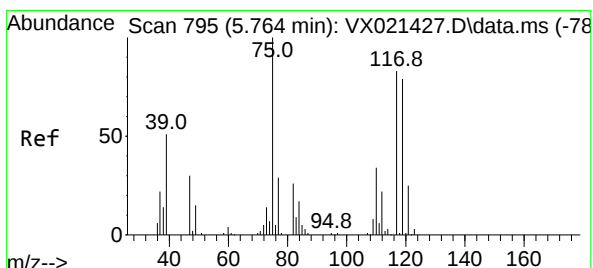
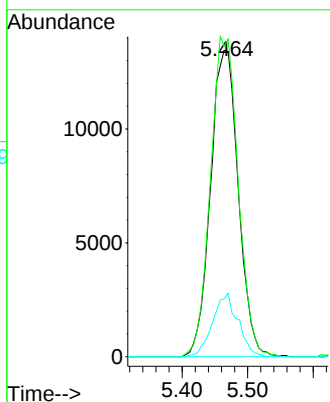
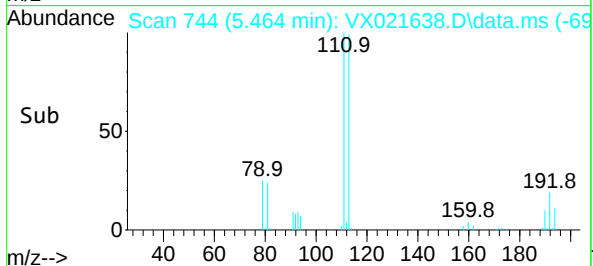


#35
Dibromofluoromethane
Concen: 50.85 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

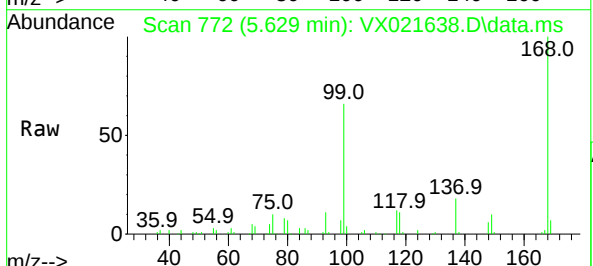
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325



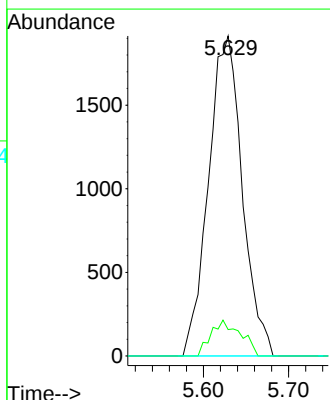
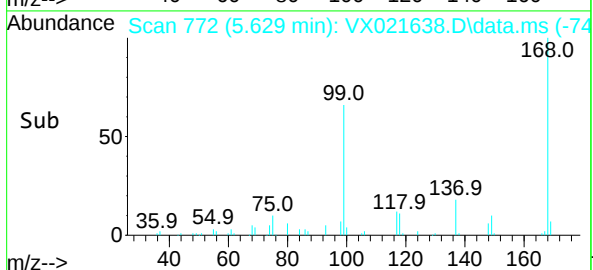
Tgt Ion:113 Resp: 39601
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 18.9 16.7 25.1

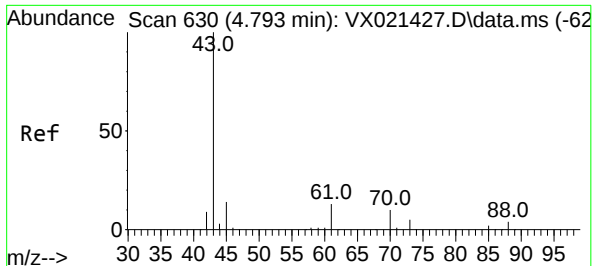


#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26



Tgt Ion: 75 Resp: 5273
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.27 ug/l

RT: 4.658 min Scan# 607

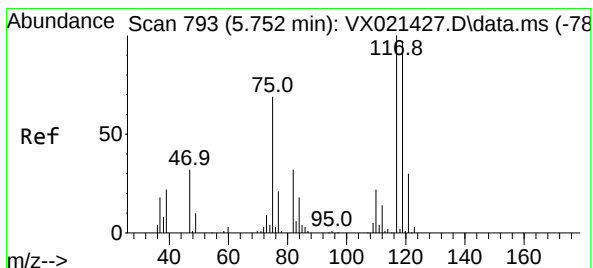
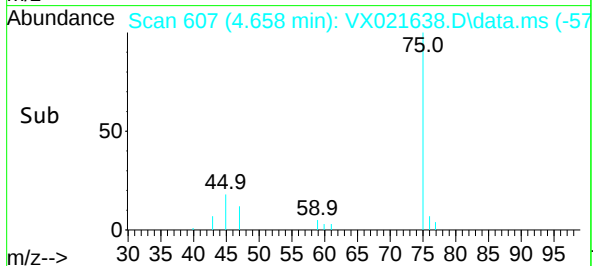
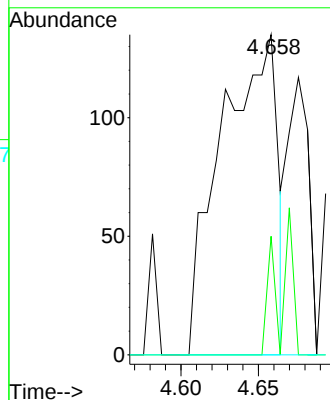
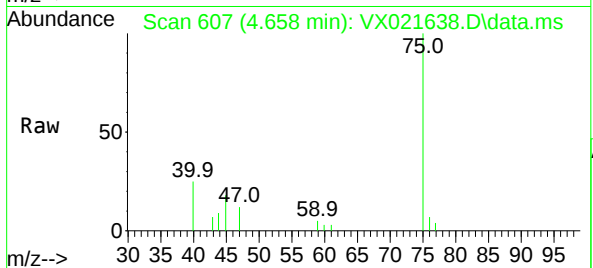
Delta R.T. -0.135 min

Lab File: VX021638.D

Acq: 30 Mar 2021 18:26

Tgt Ion: 43	Resp: 339
Ion Ratio	Lower Upper
43 100	
61 5.3	12.8 19.2#
70 0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325



#38

Carbon Tetrachloride

Concen: 5.80 ug/l

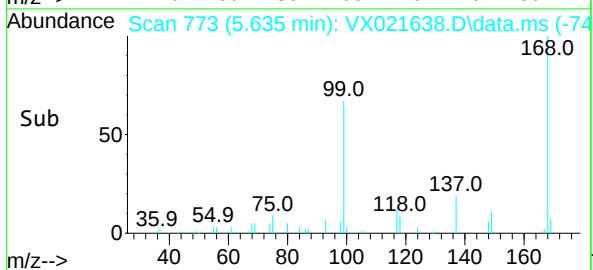
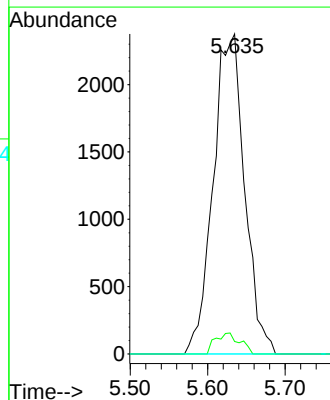
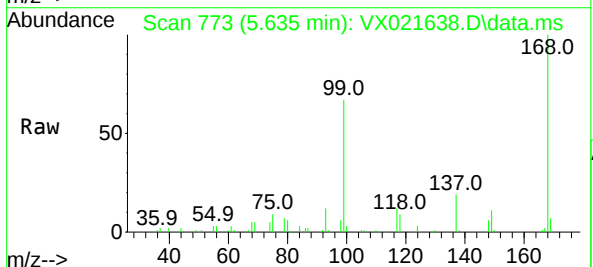
RT: 5.635 min Scan# 773

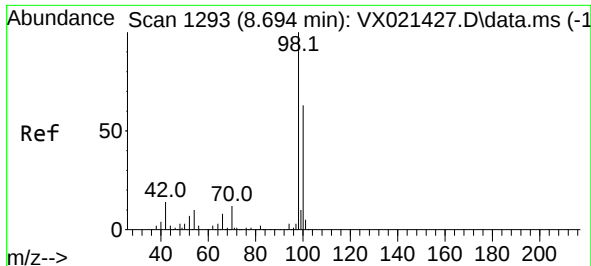
Delta R.T. -0.117 min

Lab File: VX021638.D

Acq: 30 Mar 2021 18:26

Tgt Ion: 117	Resp: 6697
Ion Ratio	Lower Upper
117 100	
119 3.9	76.2 114.2#
121 0.0	24.8 37.2#

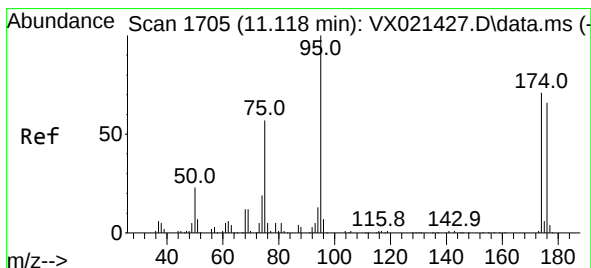
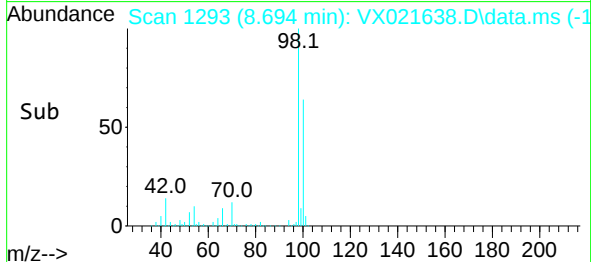
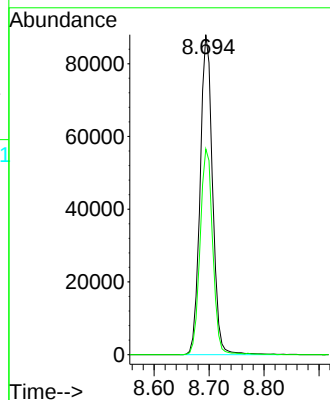
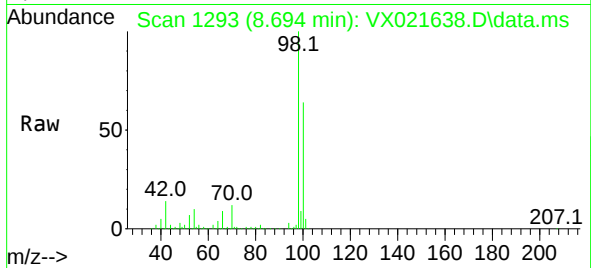




#50
Toluene-d8
Concen: 49.91 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

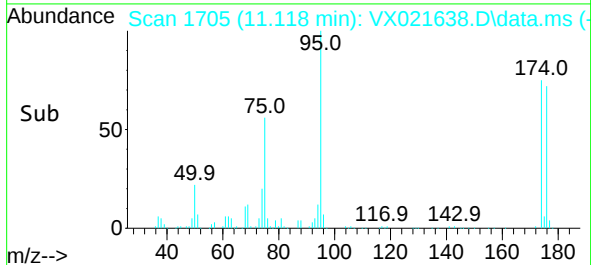
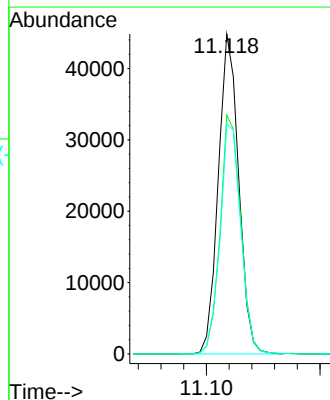
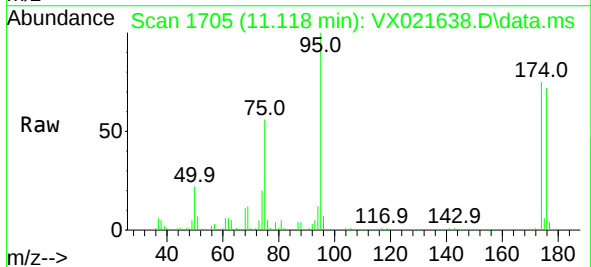
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

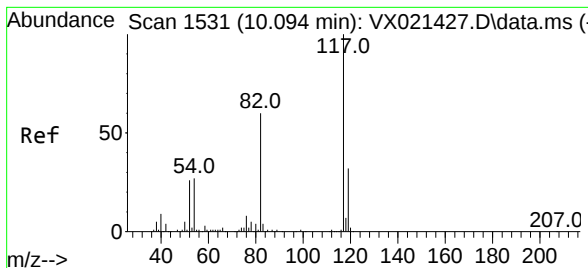
Tgt Ion: 98 Resp: 138509
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

Tgt Ion: 95 Resp: 55898
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 73.5 0.0 155.8

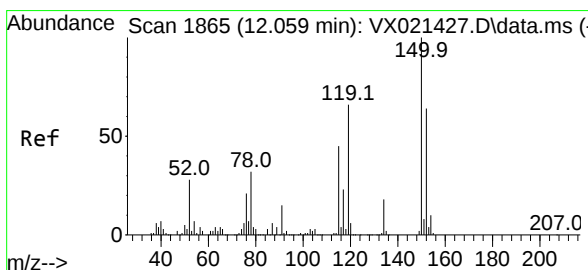
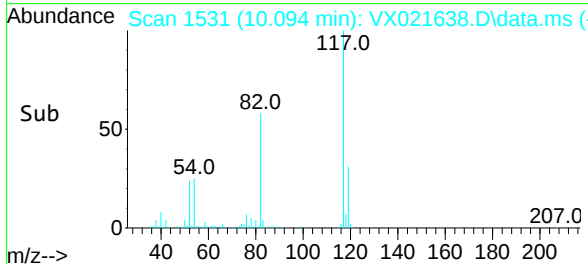
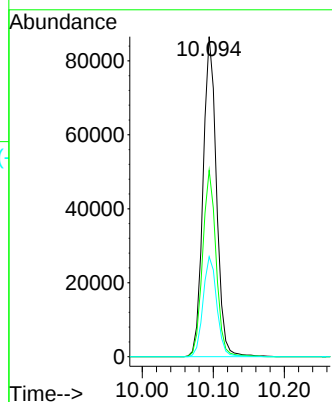
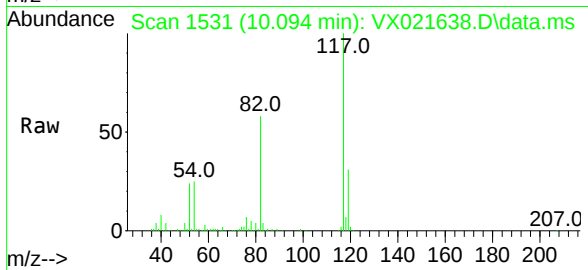




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

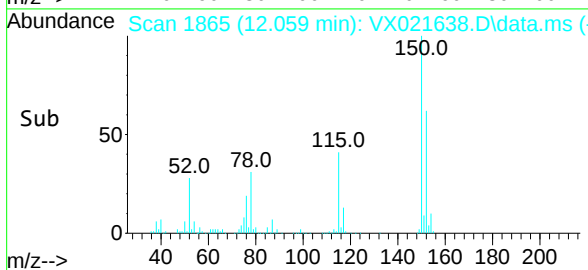
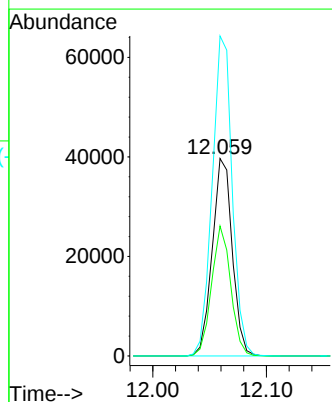
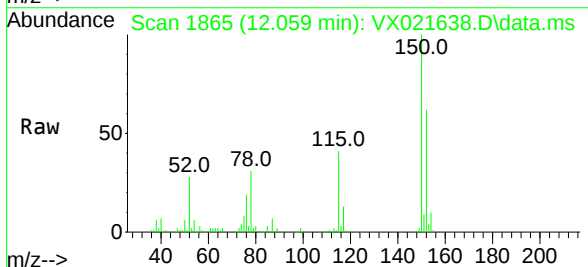
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

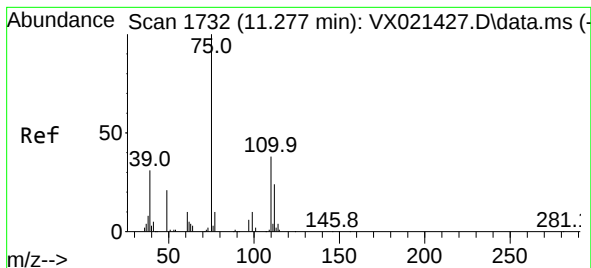
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.2
119	31.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	41.1	123.3
150	162.1	0.0	349.0

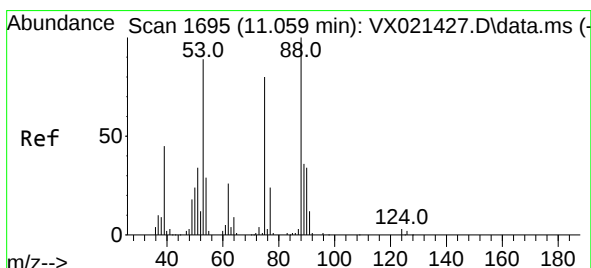
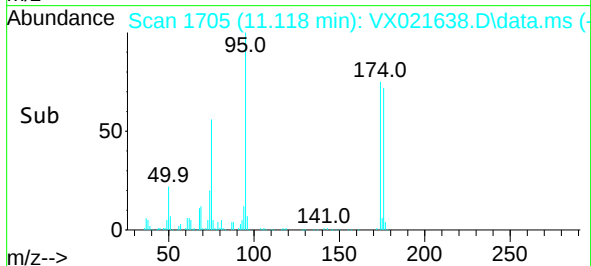
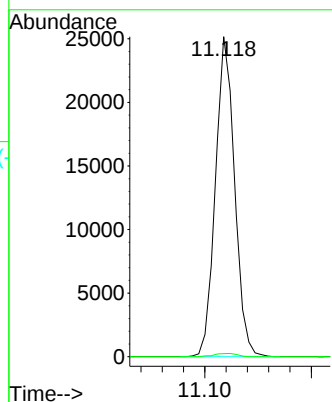
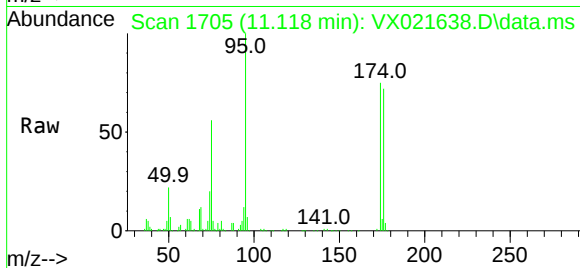




#76
1,2,3-Trichloropropane
Concen: 27.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20210325

Tgt Ion: 75 Resp: 31348
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021638.D
Acq: 30 Mar 2021 18:26

Tgt Ion: 75 Resp: 31348
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

