

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021548.D
 Acq On : 26 Mar 2021 23:12
 Operator : JC/MD
 Sample : M1787-12DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D1-20210319DL

Quant Time: Mar 27 04:34:12 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)

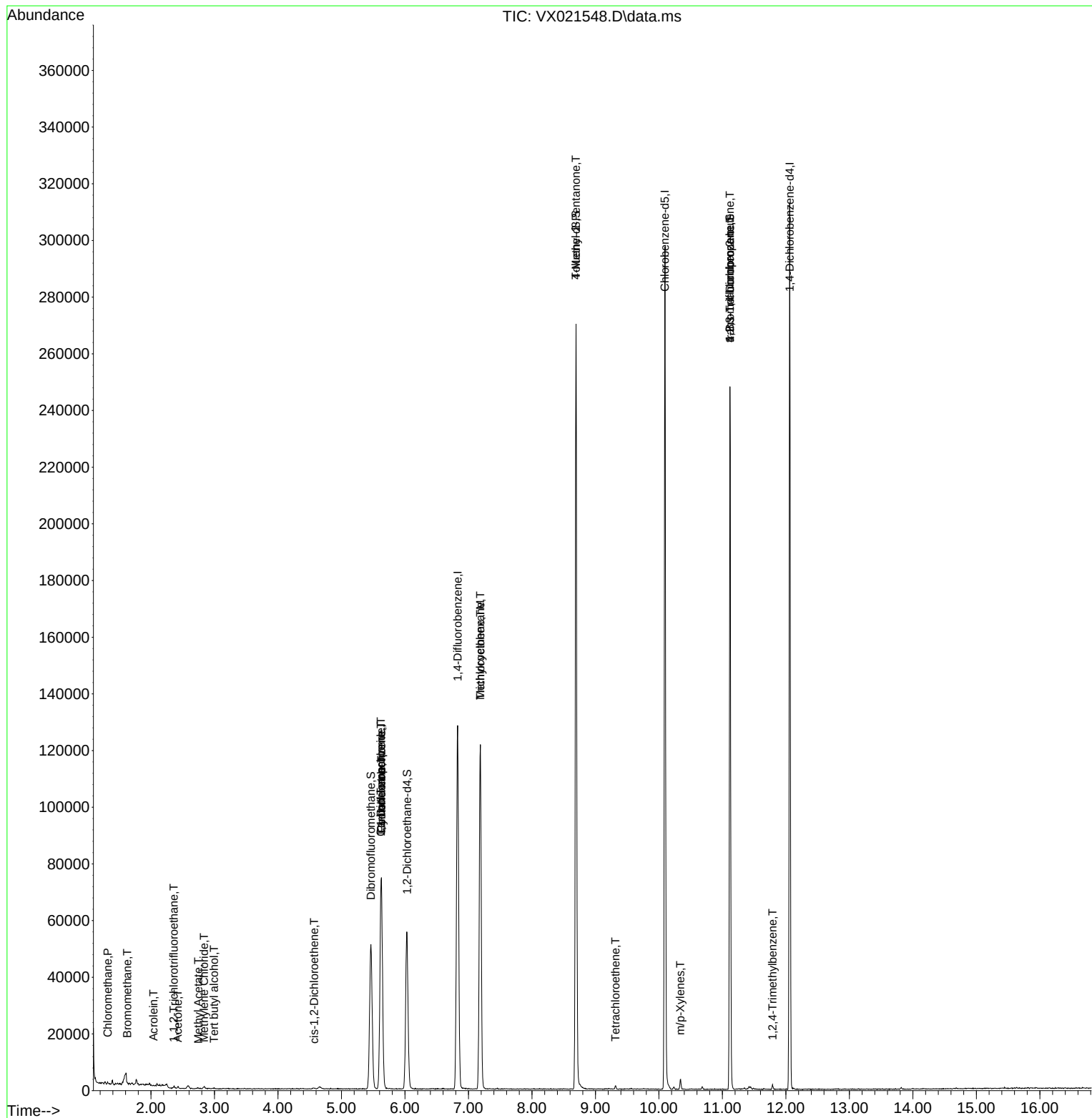
Internal Standards						
1) Pentafluorobenzene	5.629	168	65512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	119161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	123447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	55103	50.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 101.10%		
35) Dibromofluoromethane	5.464	113	41670	49.23	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 98.46%		
50) Toluene-d8	8.694	98	151423	50.20	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 100.40%		
62) 4-Bromofluorobenzene	11.118	95	63422	54.08	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 108.16%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1410	1.74	ug/l	90
5) Bromomethane	1.628	94	71	0.24	ug/l #	67
9) 1,1,2-Trichlorotrifluo...	2.358	101	194	0.29	ug/l #	69
11) Tert butyl alcohol	2.993	59	222	1.23	ug/l #	73
13) Acrolein	2.040	56	18	4.49	ug/l #	1
16) Acetone	2.423	43	521	1.26	ug/l #	64
18) Methyl Acetate	2.746	43	288	0.24	ug/l #	47
20) Methylene Chloride	2.834	84	275	0.34	ug/l #	82
27) cis-1,2-Dichloroethene	4.570	96	250	0.30	ug/l	90
31) Cyclohexane	5.629	56	1901	1.59	ug/l #	19
36) 1,1-Dichloropropene	5.623	75	5871	5.03	ug/l #	49
38) Carbon Tetrachloride	5.623	117	7439	5.93	ug/l #	16
39) Methylcyclohexane	7.188	83	557	0.43	ug/l #	1
44) Trichloroethene	7.188	130	42996	49.14	ug/l	98
51) 4-Methyl-2-Pentanone	8.694	43	965	0.72	ug/l #	1
64) Tetrachloroethene	9.318	164	219	0.26	ug/l #	77
68) m/p-Xylenes	10.335	106	730	0.45	ug/l	85
76) 1,2,3-Trichloropropane	11.118	75	35576	27.51	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	35576	83.80	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	744	0.22	ug/l	82

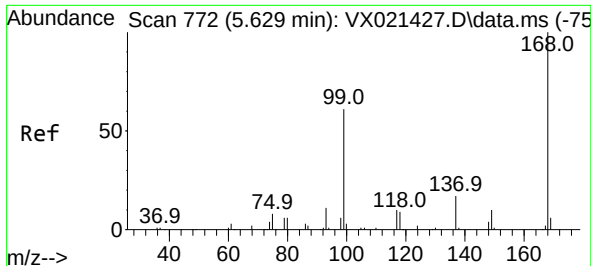
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE-122D1-20210319DL

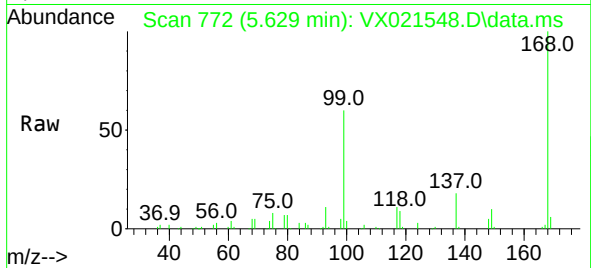
Quant Time: Mar 27 04:34:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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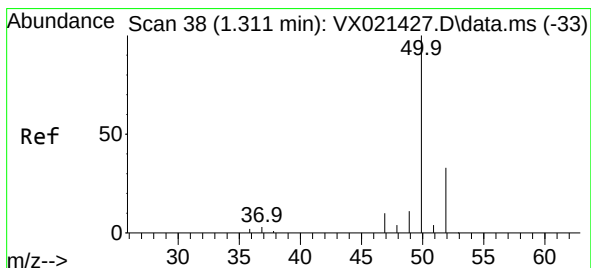
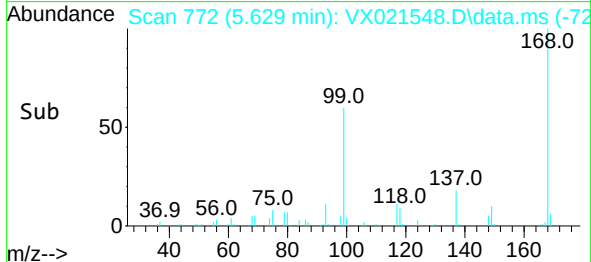
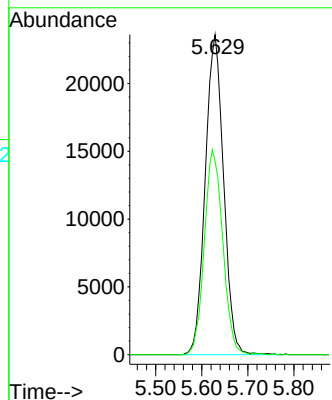


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319DL

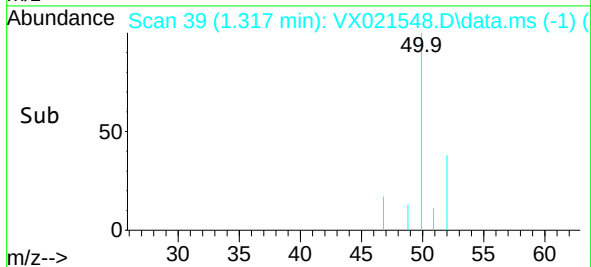
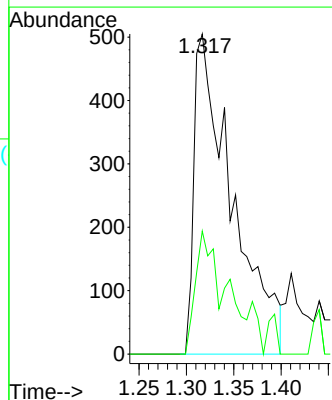
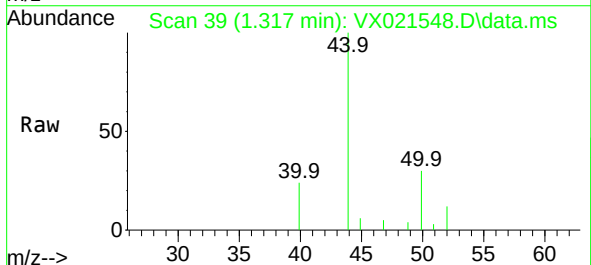


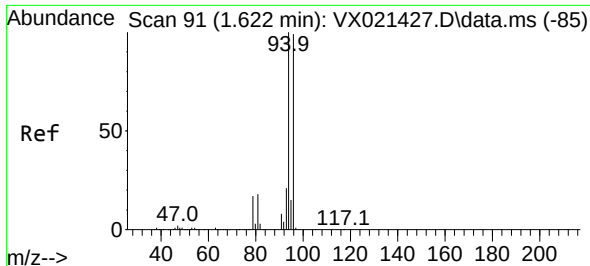
Tgt Ion:168 Resp: 65512
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#3
Chloromethane
Concen: 1.74 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Tgt Ion: 50 Resp: 1410
Ion Ratio Lower Upper
50 100
52 38.4 26.4 39.6

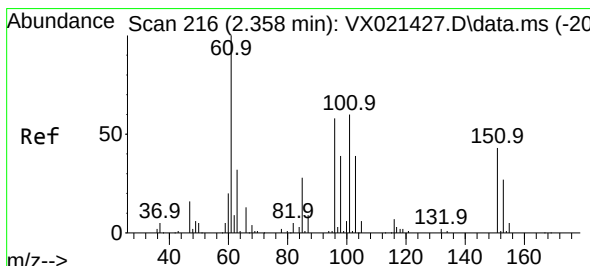
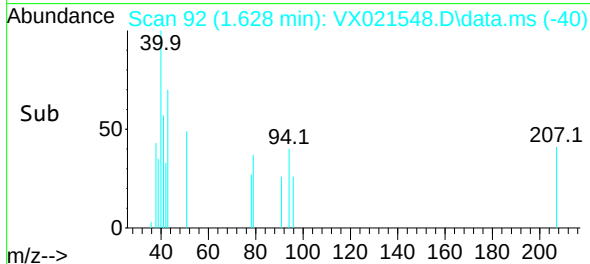
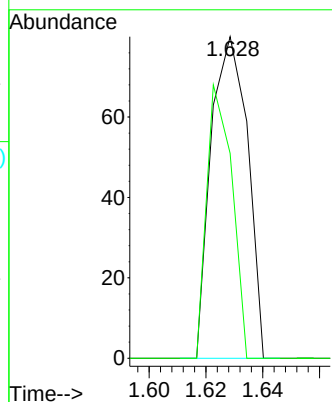
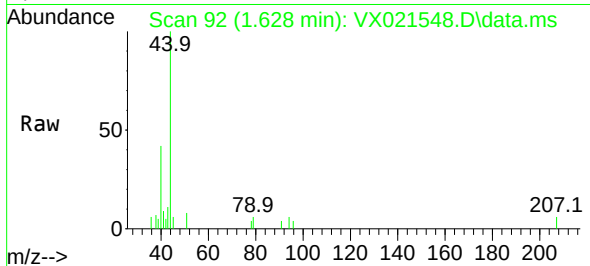




#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

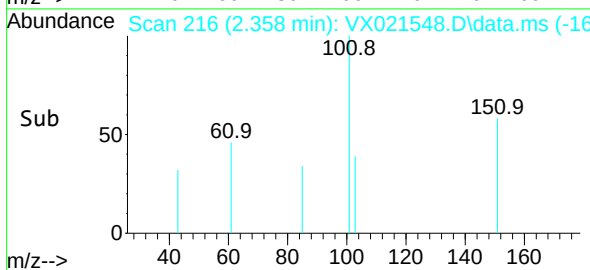
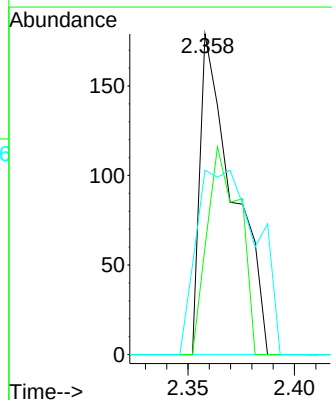
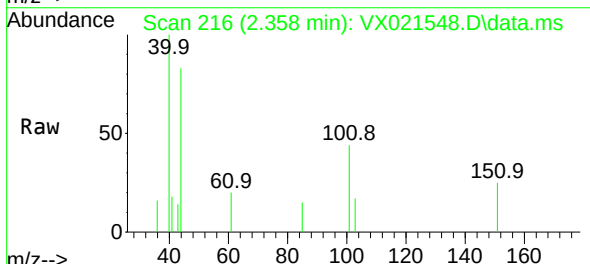
Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319DL

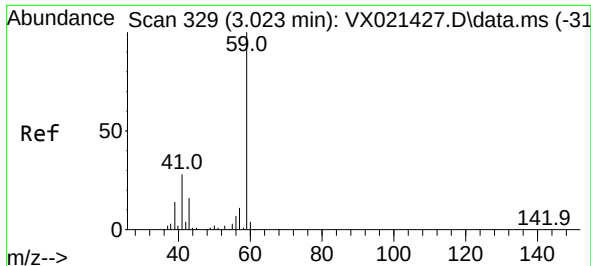
Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 63.7 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.29 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

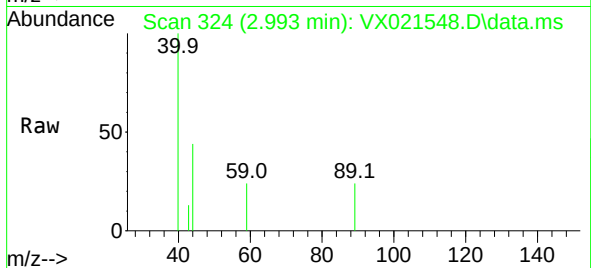
Tgt Ion:101 Resp: 194
Ion Ratio Lower Upper
101 100
85 63.4 34.9 52.3#
151 104.1 61.4 92.2#



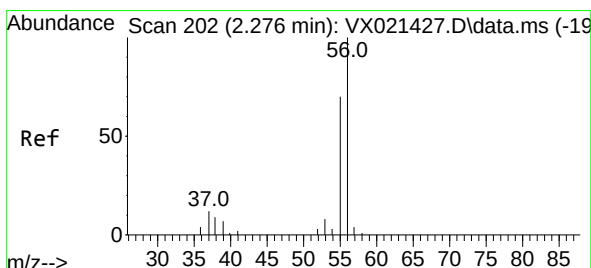
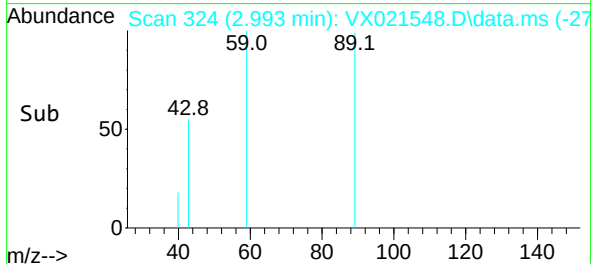
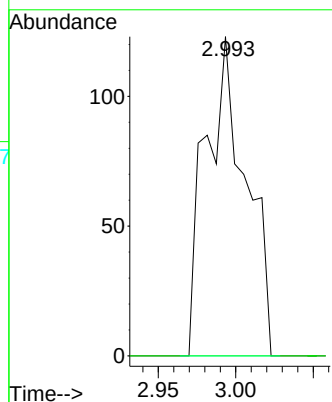


#11
Tert butyl alcohol
Concen: 1.23 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319DL

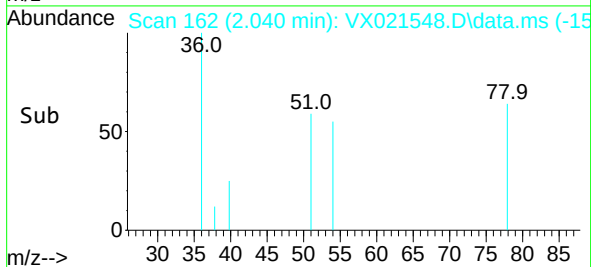
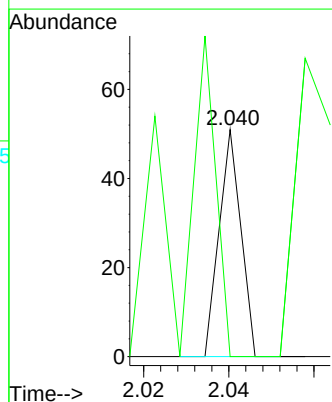
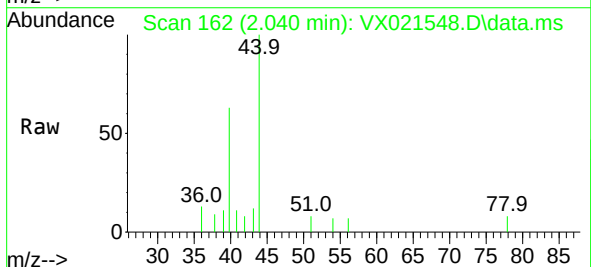


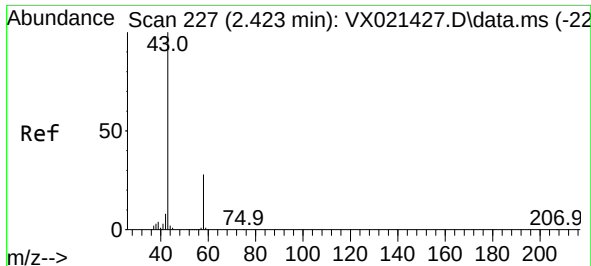
Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.49 ug/l
RT: 2.040 min Scan# 162
Delta R.T. -0.236 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

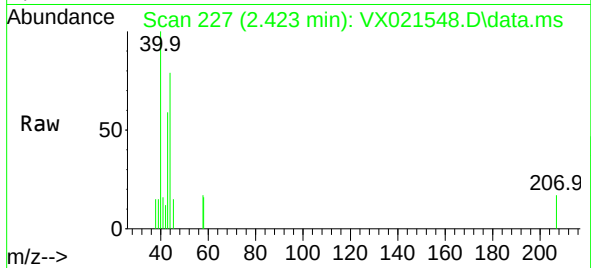
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 233.3 56.4 84.6#



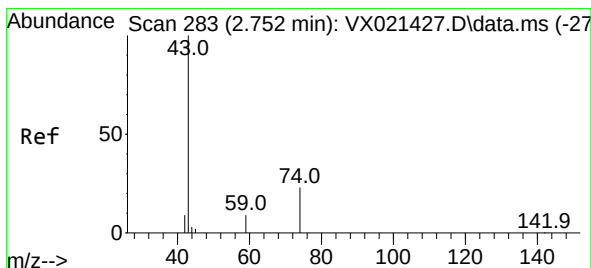
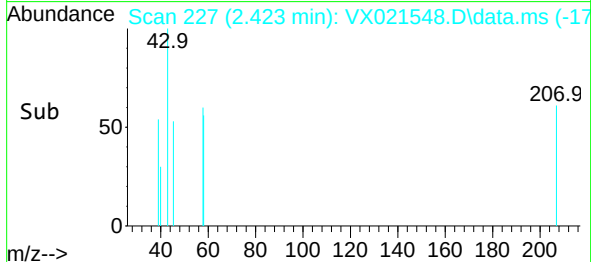
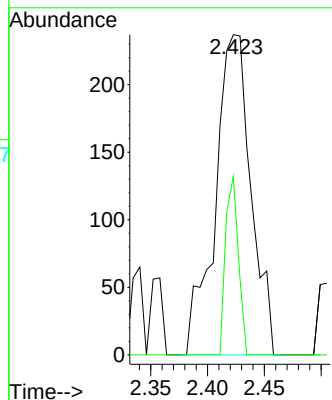


#16
Acetone
Concen: 1.26 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319DL

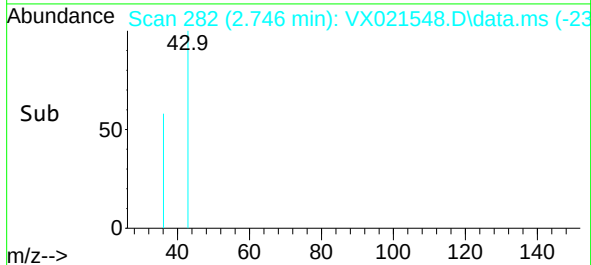
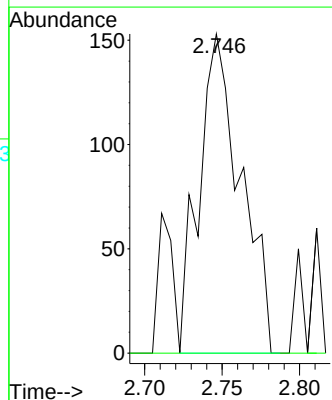
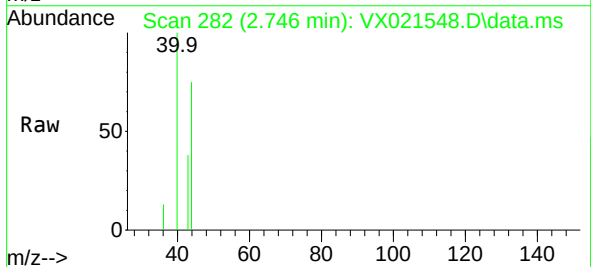


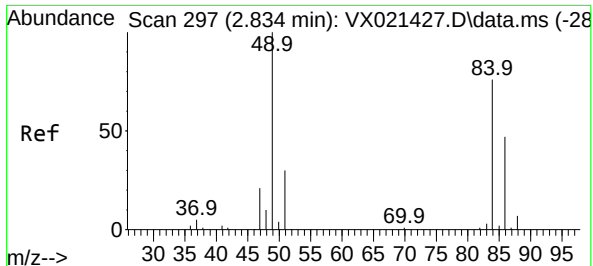
Tgt Ion: 43 Resp: 521
Ion Ratio Lower Upper
43 100
58 55.7 27.8 41.8#



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.34 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

Tgt Ion: 84 Resp: 275

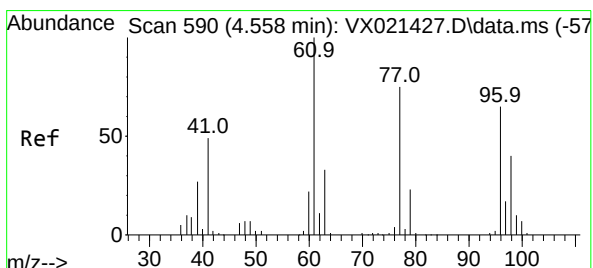
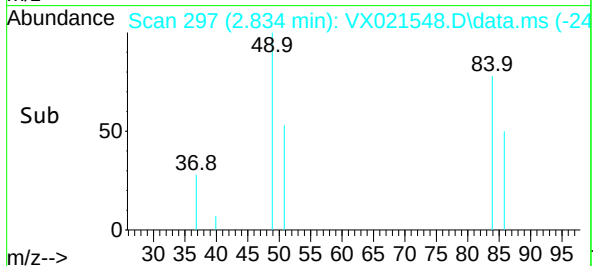
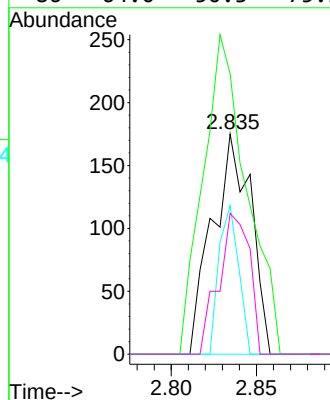
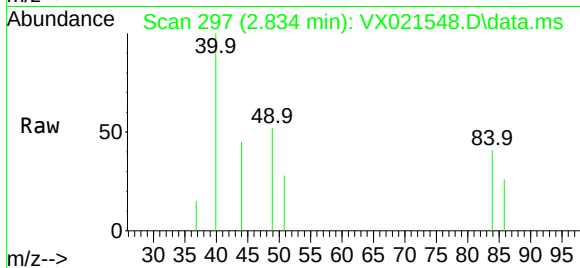
Ion Ratio Lower Upper

84 100

49 127.4 88.6 132.8

51 67.4 27.0 40.6#

86 64.0 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 0.30 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.012 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

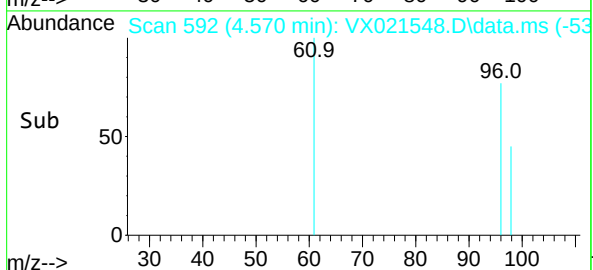
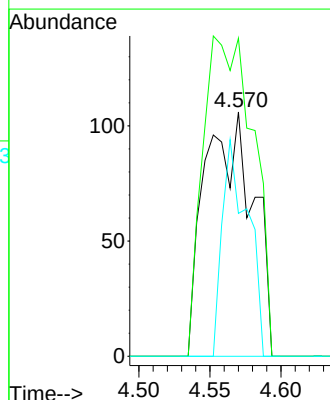
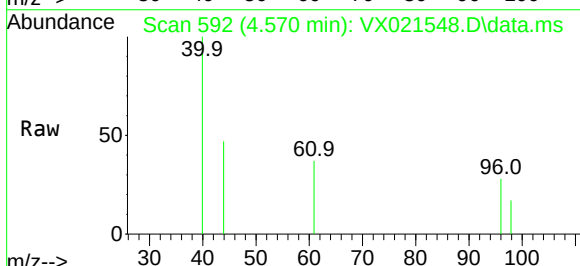
Tgt Ion: 96 Resp: 250

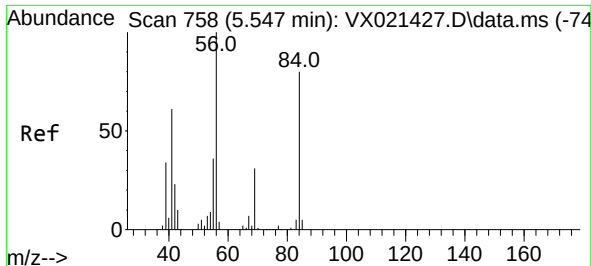
Ion Ratio Lower Upper

96 100

61 136.8 0.0 285.6

98 46.8 0.0 129.6





#31

Cyclohexane

Concen: 1.59 ug/l

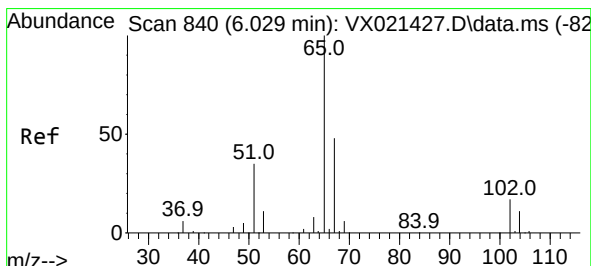
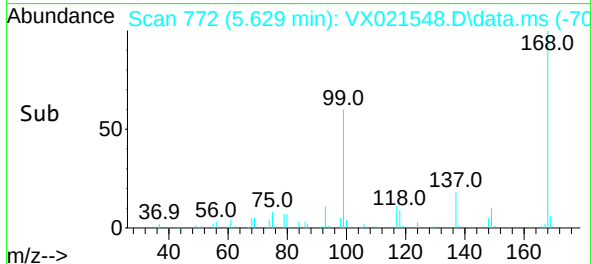
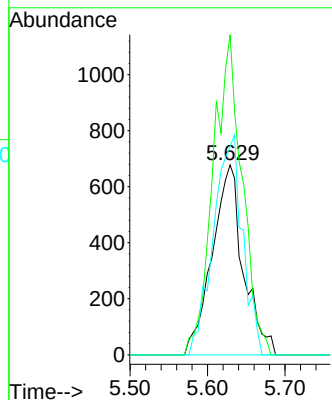
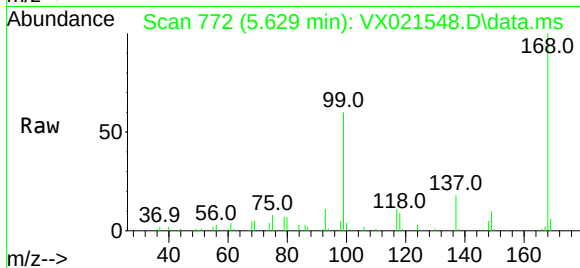
RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

Tgt Ion:	56	Resp:	1901
Ion	Ratio	Lower	Upper
56	100		
69	168.6	25.3	37.9#
84	110.0	71.4	107.0#



#33

1,2-Dichloroethane-d4

Concen: 50.55 ug/l

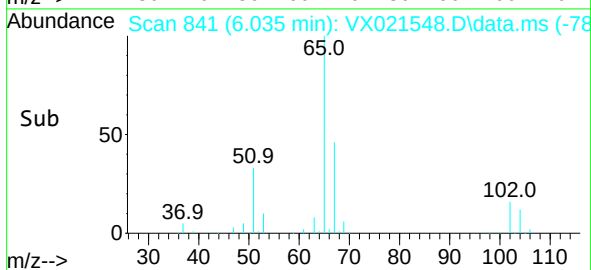
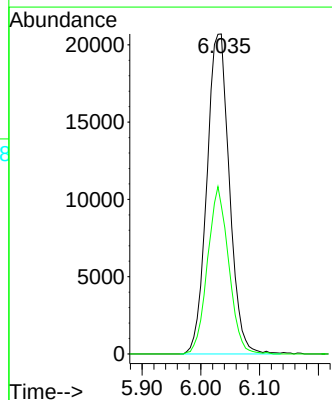
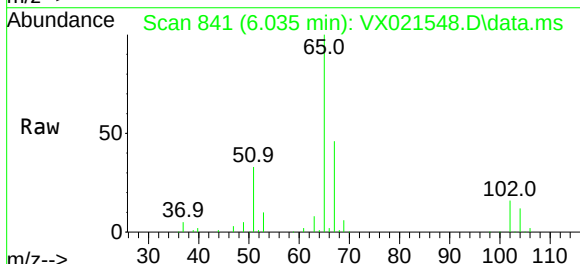
RT: 6.035 min Scan# 841

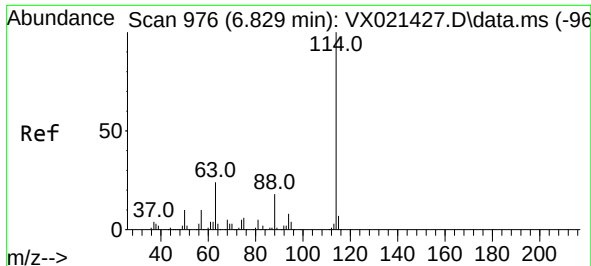
Delta R.T. 0.006 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

Tgt Ion:	65	Resp:	55103
Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	105.4

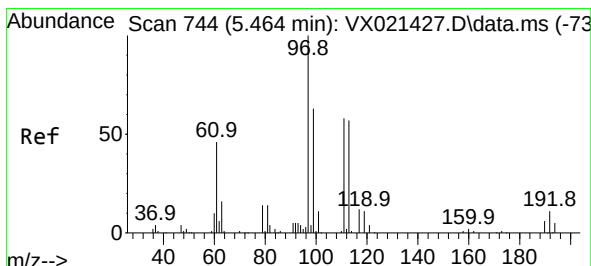
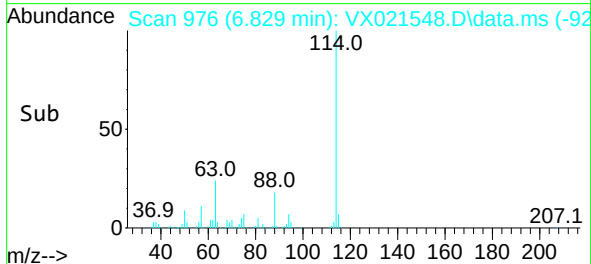
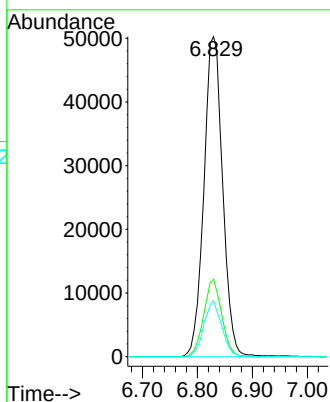
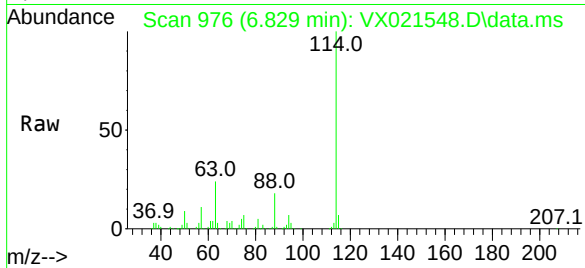




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

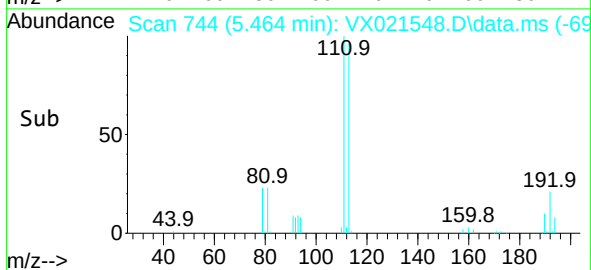
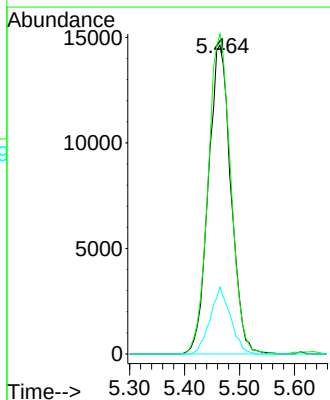
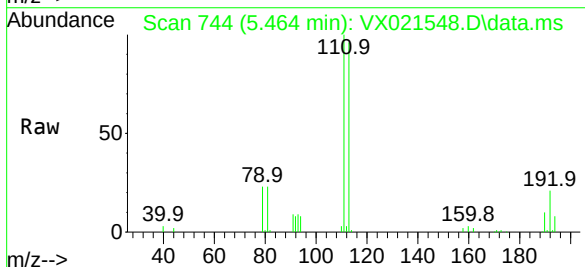
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RE-122D1-20210319DL

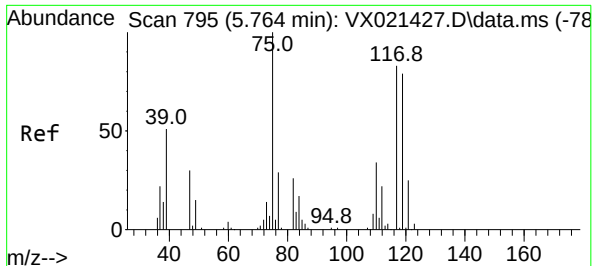
Tgt Ion:114 Resp: 119161
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.23 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Tgt Ion:113 Resp: 41670
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 19.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.03 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.141 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

Tgt Ion: 75 Resp: 5871

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

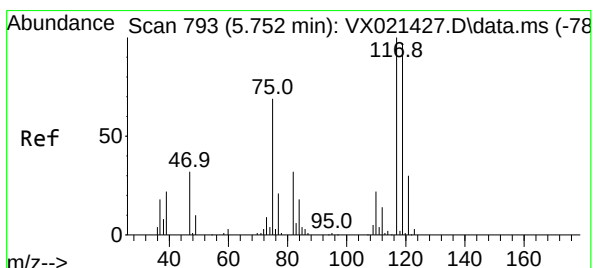
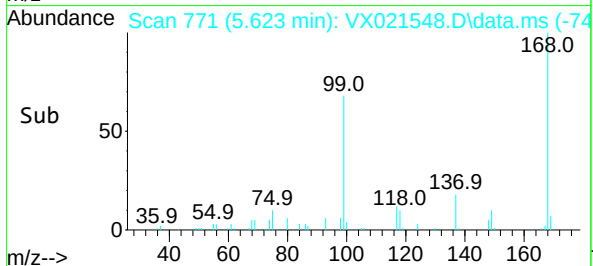
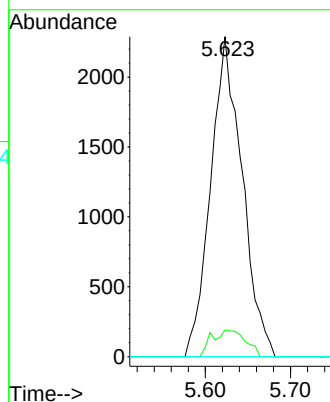
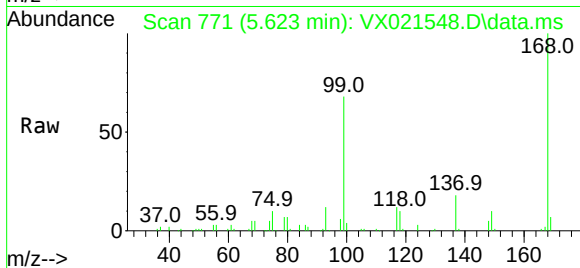
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE-122D1-20210319DL



#38

Carbon Tetrachloride

Concen: 5.93 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.129 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

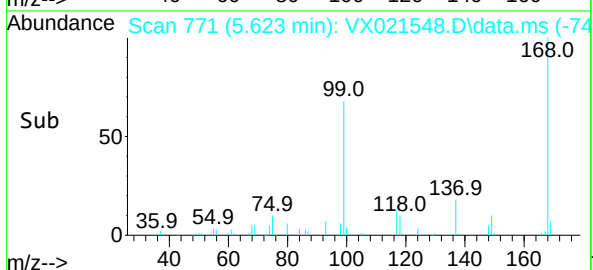
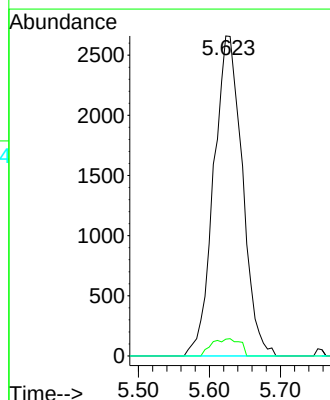
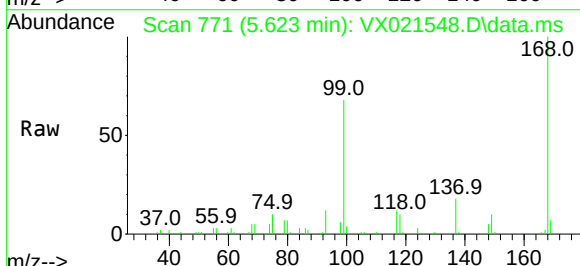
Tgt Ion: 117 Resp: 7439

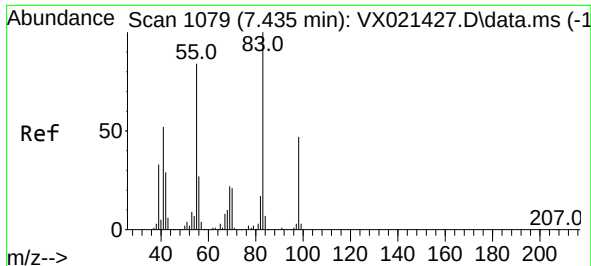
Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.43 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.247 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

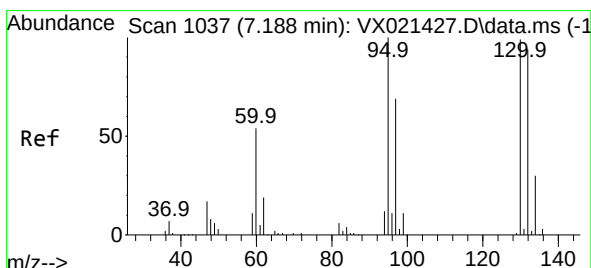
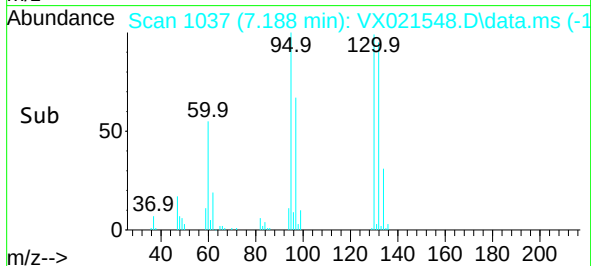
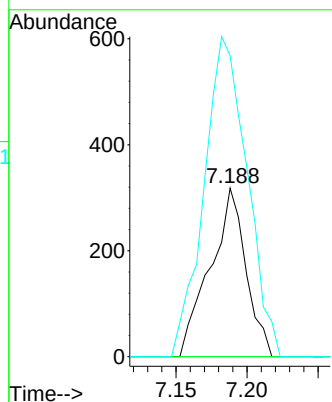
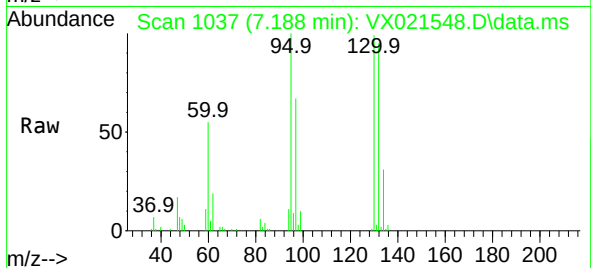
Instrument :

MSVOA_X

ClientSampleId :

RE-122D1-20210319DL

Tgt Ion: 83	Resp: 557
Ion Ratio	Lower Upper
83	100
55	0.0 58.9 88.3#
98	158.2 38.1 57.1#



#44

Trichloroethene

Concen: 49.14 ug/l

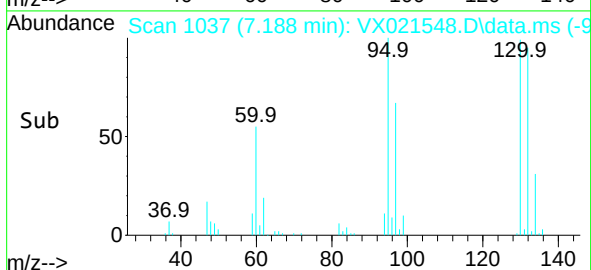
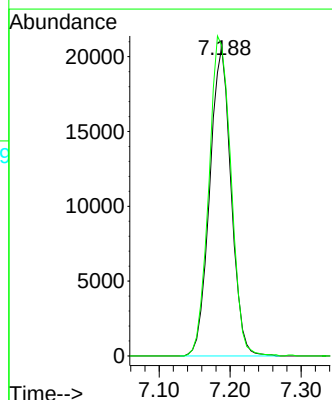
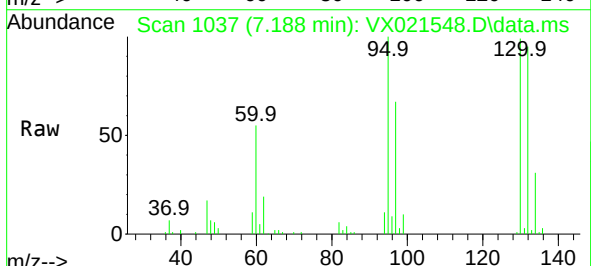
RT: 7.188 min Scan# 1037

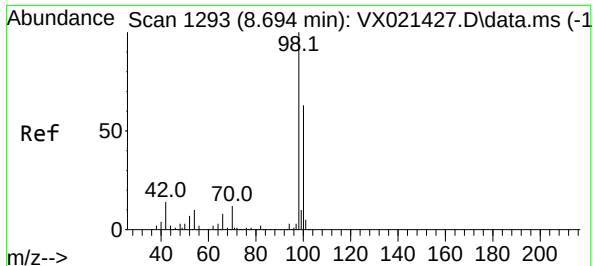
Delta R.T. 0.000 min

Lab File: VX021548.D

Acq: 26 Mar 2021 23:12

Tgt Ion: 130	Resp: 42996
Ion Ratio	Lower Upper
130	100
95	100.7 0.0 198.0





#50

Toluene-d8

Concen: 50.20 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021548.D

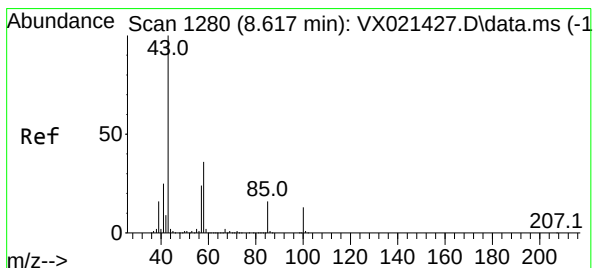
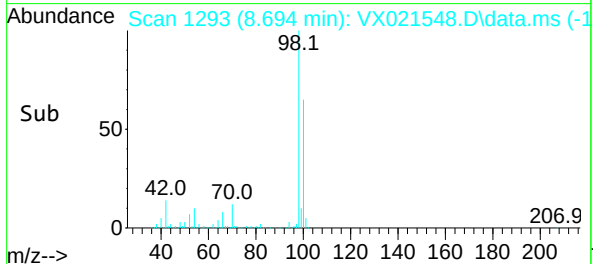
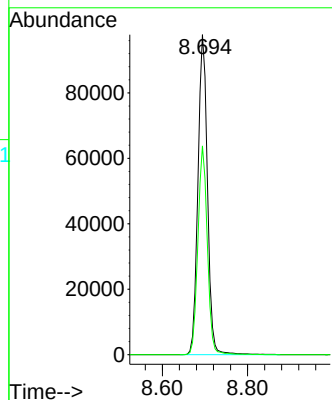
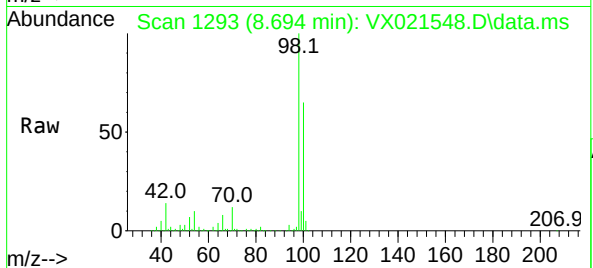
Acq: 26 Mar 2021 23:12

Tgt Ion: 98 Resp: 151423

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.72 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021548.D

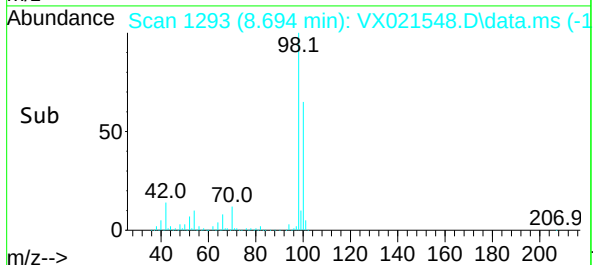
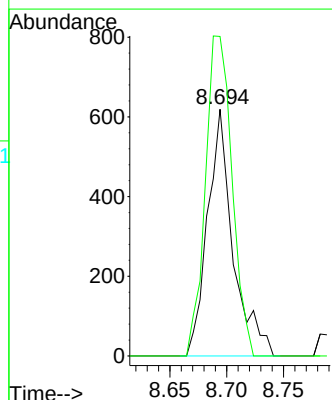
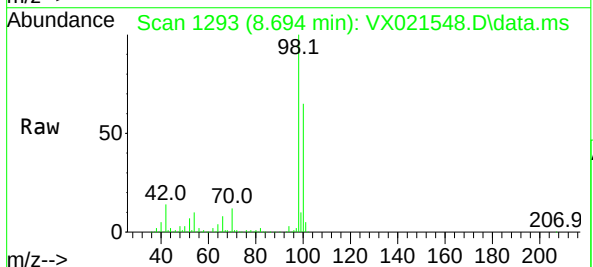
Acq: 26 Mar 2021 23:12

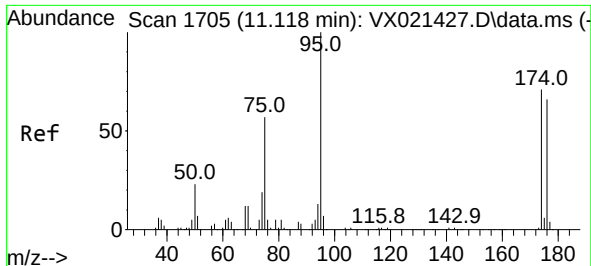
Tgt Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

58 135.9 35.4 53.0#

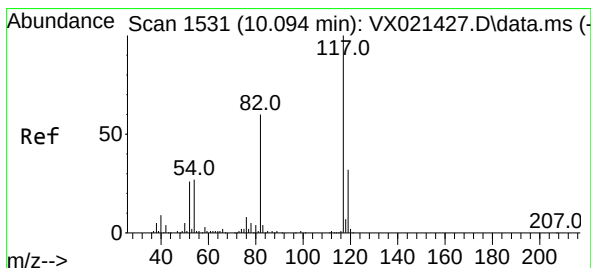
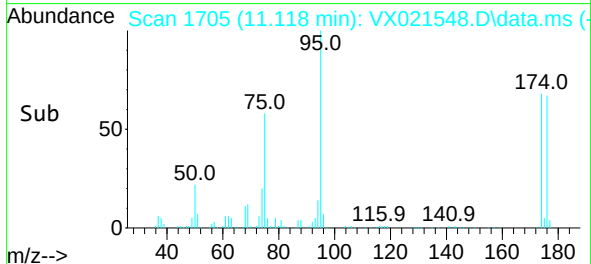
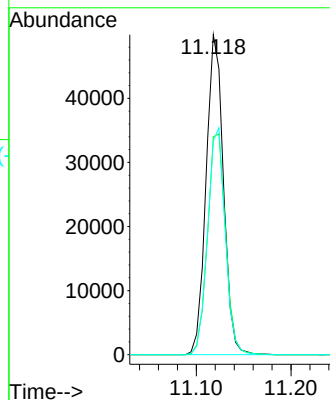
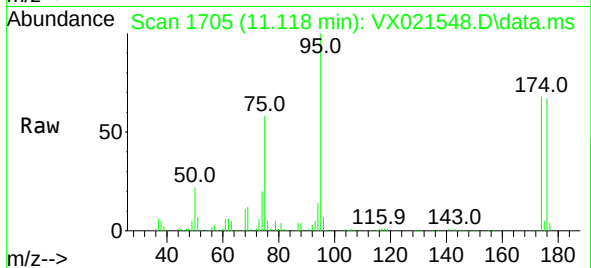




#62
4-Bromofluorobenzene
Concen: 54.08 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

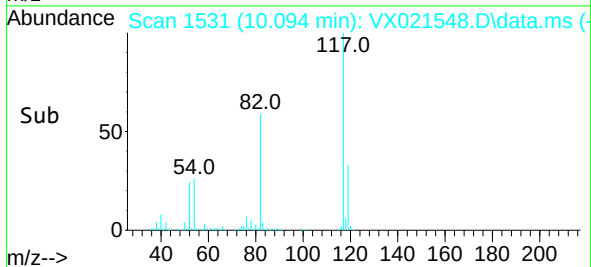
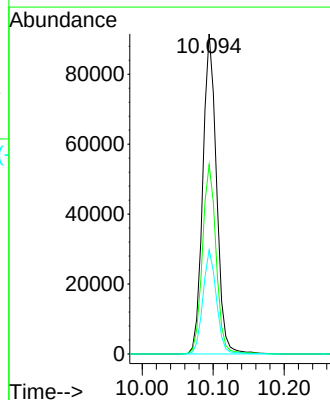
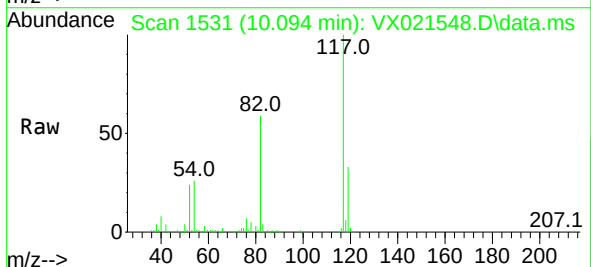
Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319DL

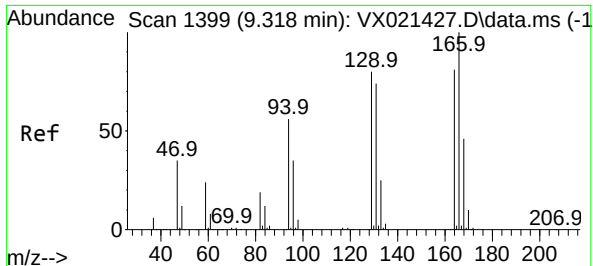
Tgt Ion: 95 Resp: 63422
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.6
176 71.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

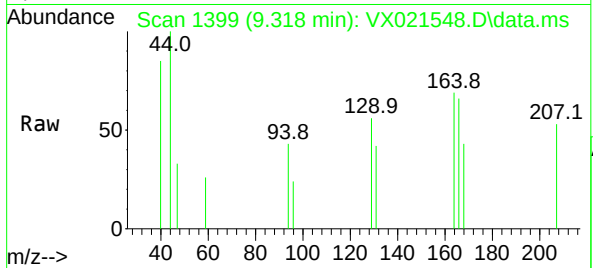
Tgt Ion: 117 Resp: 123447
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.5 26.6 39.8



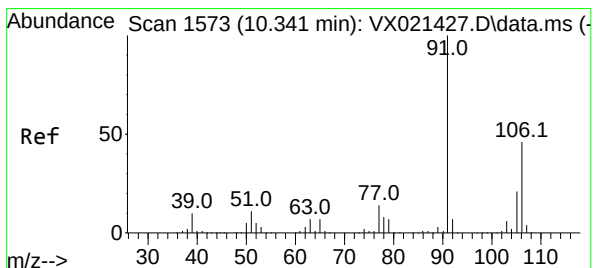
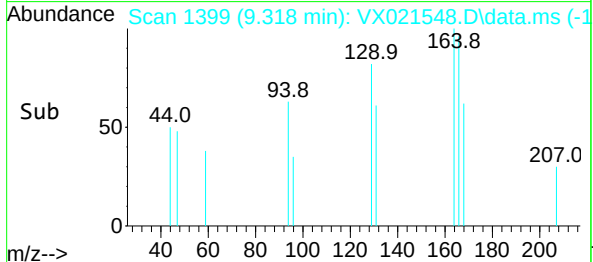
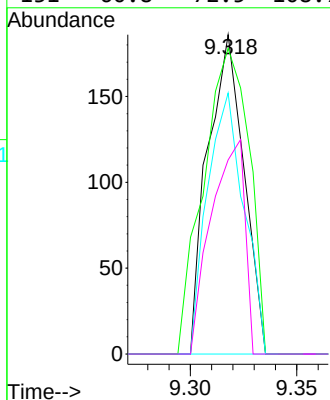


#64
Tetrachloroethene
Concen: 0.26 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319DL

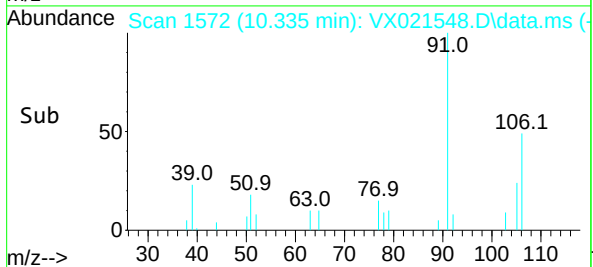
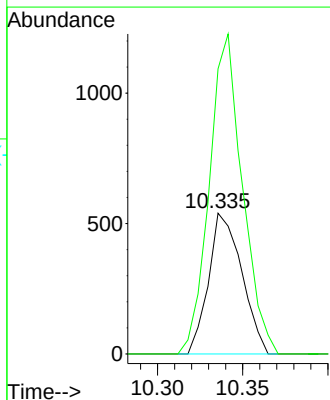
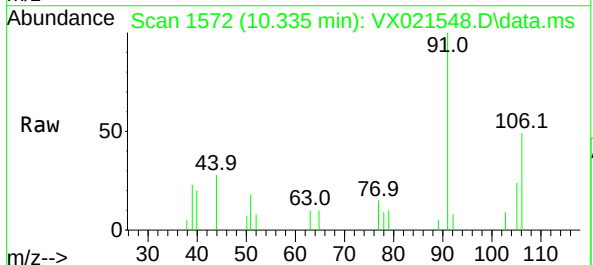


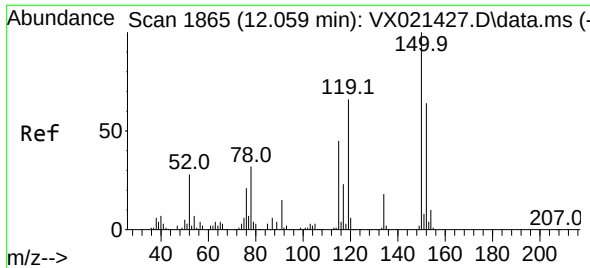
Tgt Ion:164 Resp: 219
Ion Ratio Lower Upper
164 100
166 95.7 103.4 155.2#
129 81.7 70.8 106.2
131 60.8 72.5 108.7#



#68
m/p-Xylenes
Concen: 0.45 ug/l
RT: 10.335 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Tgt Ion:106 Resp: 730
Ion Ratio Lower Upper
106 100
91 226.8 162.8 244.2

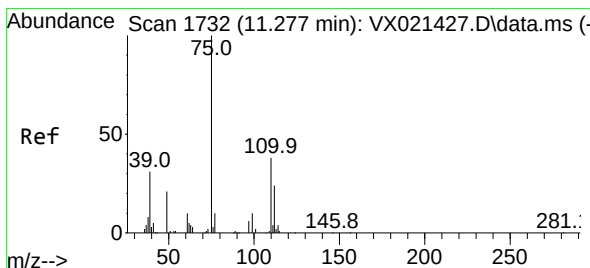
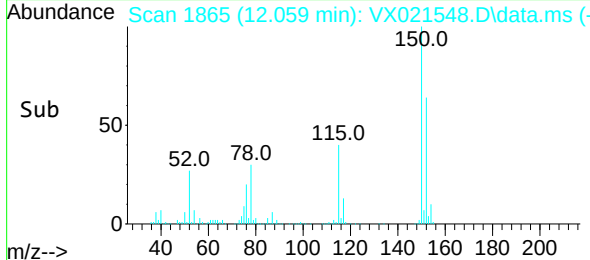
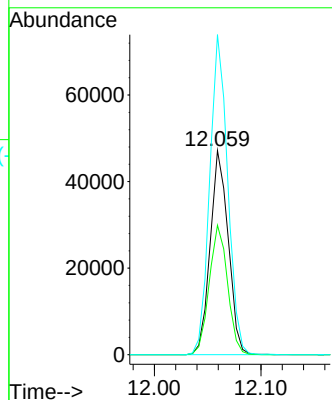
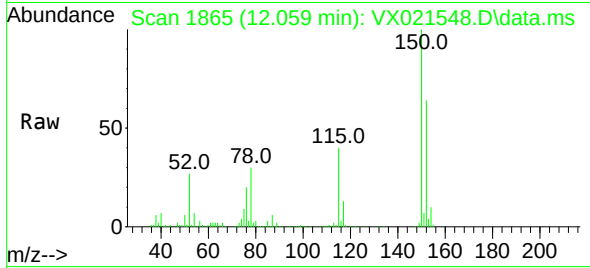




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021548.D
 Acq: 26 Mar 2021 23:12

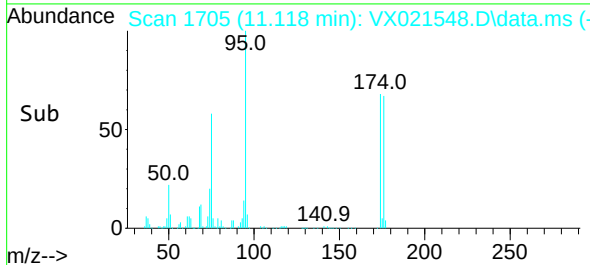
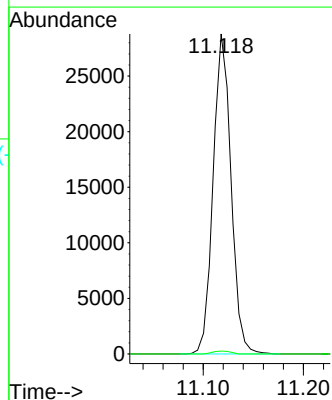
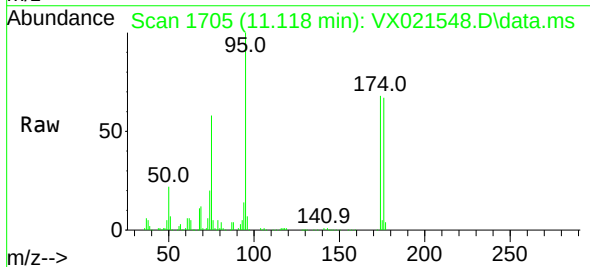
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-122D1-20210319DL

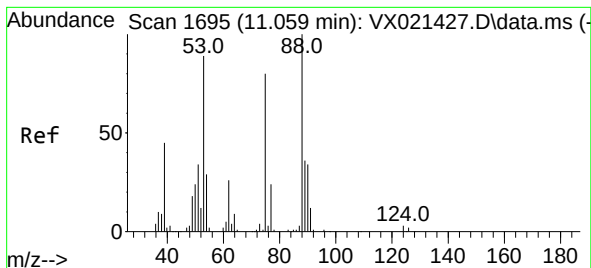
Tgt Ion:152 Resp: 55549
 Ion Ratio Lower Upper
 152 100
 115 64.4 41.1 123.3
 150 155.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.51 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021548.D
 Acq: 26 Mar 2021 23:12

Tgt Ion: 75 Resp: 35576
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

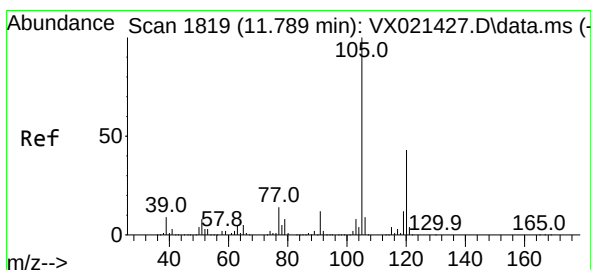
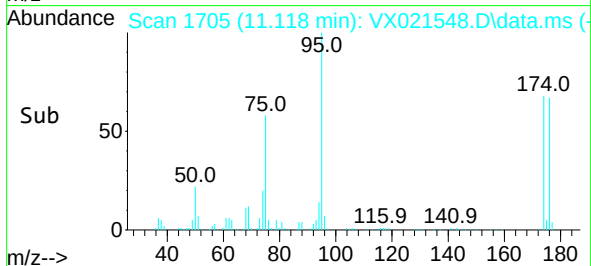
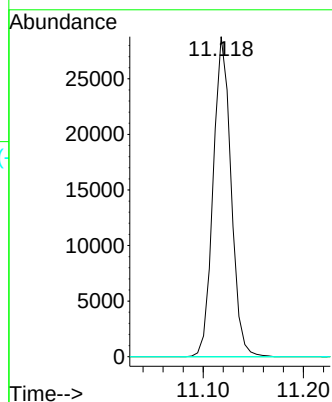
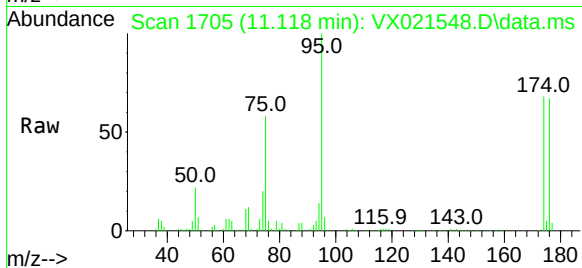




#81
trans-1,4-Dichloro-2-butene
Concen: 83.80 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Instrument :
MSVOA_X
ClientSampleId :
RE-122D1-20210319DL

Tgt Ion: 75 Resp: 35576
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021548.D
Acq: 26 Mar 2021 23:12

Tgt Ion: 105 Resp: 744
Ion Ratio Lower Upper
105 100
120 56.9 22.4 67.3

