

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027882.D
 Acq On : 01 Apr 2022 15:36
 Operator : JC/MD
 Sample : N2074-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20220321

Quant Time: Apr 02 05:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

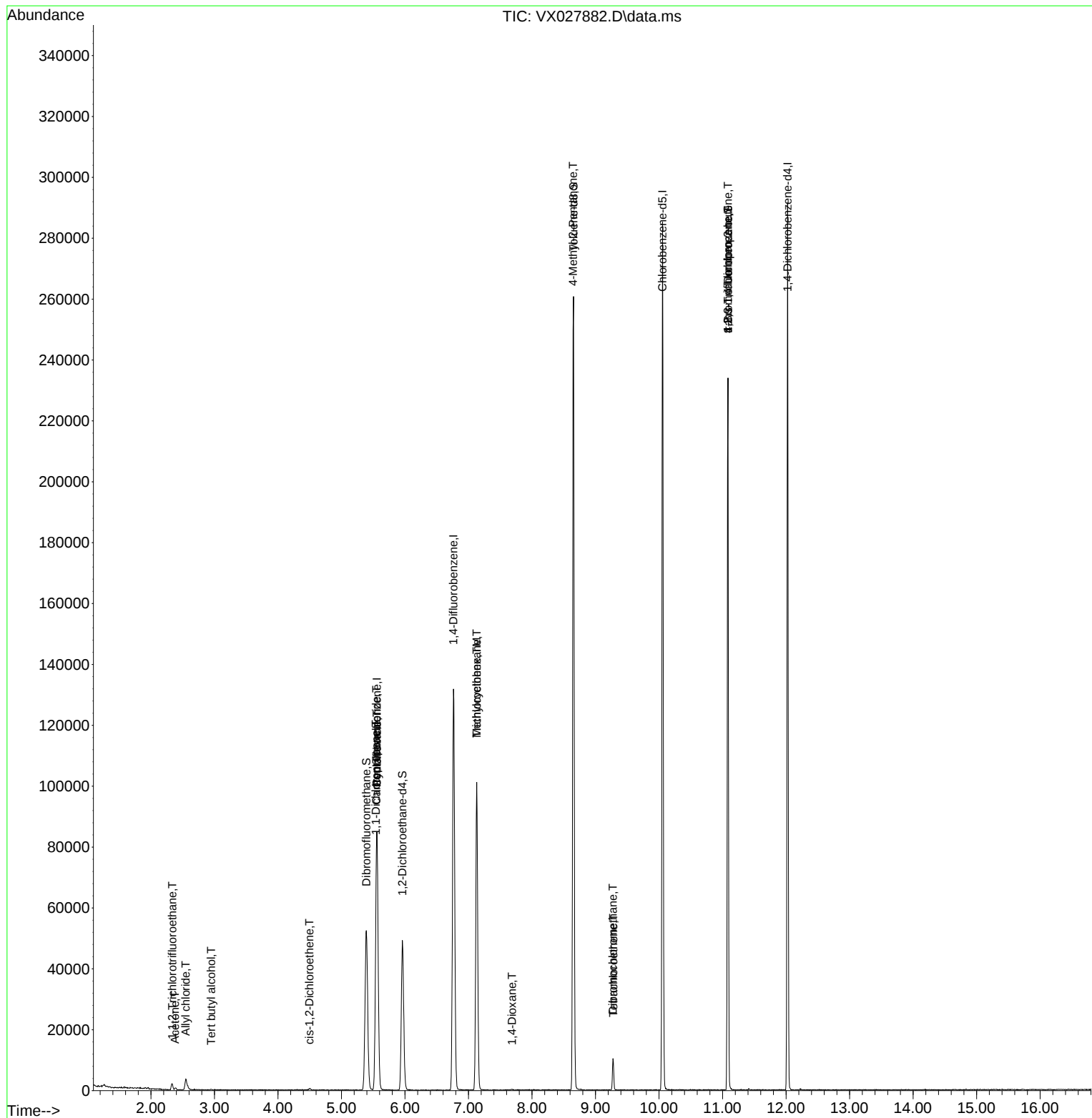
Internal Standards						
1) Pentafluorobenzene	5.556	168	76799	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	134183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47085	47.517	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.040%
35) Dibromofluoromethane	5.391	113	45904	53.000	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.000%
50) Toluene-d8	8.653	98	151476	49.707	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.085	95	60873	47.005	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.020%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	796	1.107	ug/l	93
11) Tert butyl alcohol	2.946	59	50	0.263	ug/l	# 72
14) Allyl chloride	2.544	41	472	0.390	ug/l	# 50
16) Acetone	2.380	43	816	1.861	ug/l	# 75
27) cis-1,2-Dichloroethene	4.495	96	248	0.287	ug/l	87
31) Cyclohexane	5.556	56	1654	1.510	ug/l	# 21
36) 1,1-Dichloropropene	5.544	75	6368	5.838	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	8532	7.079	ug/l	# 16
39) Methylcyclohexane	7.129	83	422	0.329	ug/l	# 1
44) Trichloroethene	7.129	130	36583	40.720	ug/l	89
49) 1,4-Dioxane	7.683	88	150	6.689	ug/l	# 74
51) 4-Methyl-2-Pentanone	8.647	43	787	0.524	ug/l	# 1
60) Dibromochloromethane	9.275	129	1778	1.857	ug/l	# 9
64) Tetrachloroethene	9.281	164	1829	2.298	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	33487	28.157	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	33487	82.230	ug/l	# 15

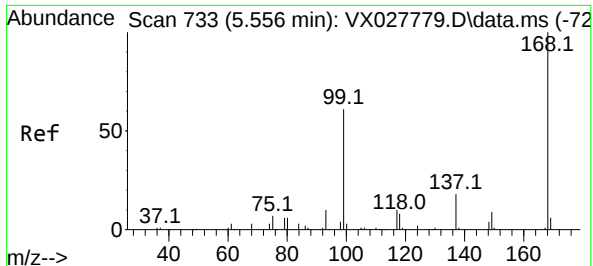
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE104D1-20220321

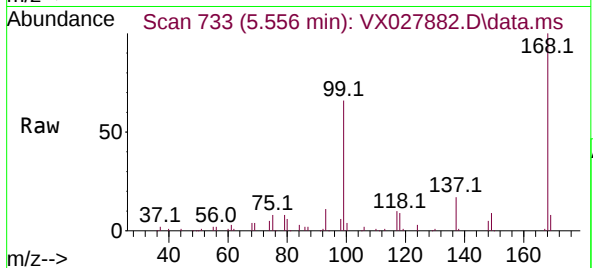
Quant Time: Apr 02 05:07:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
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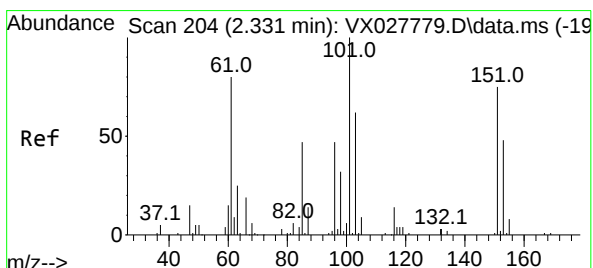
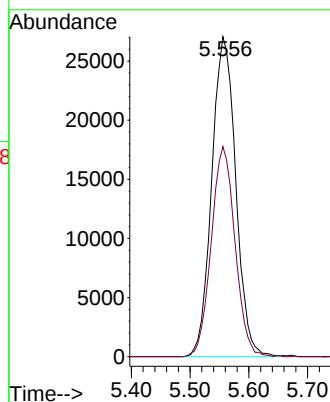
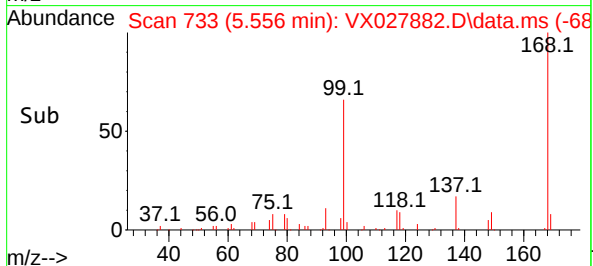


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20220321

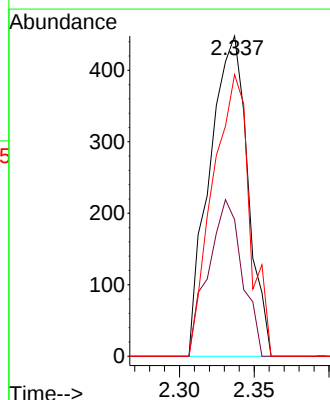
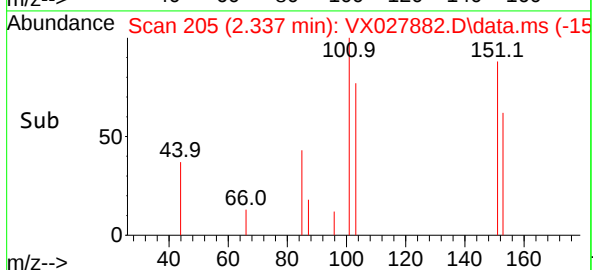
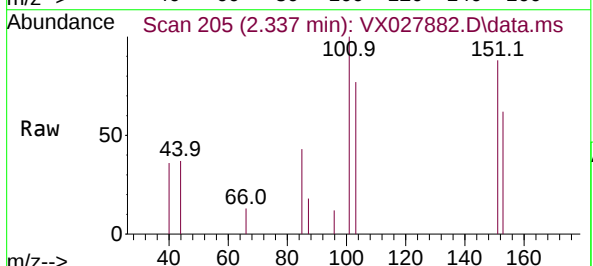


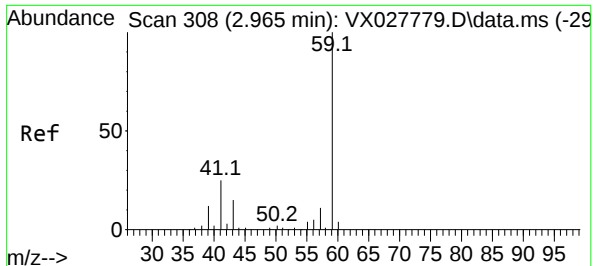
Tgt Ion:168 Resp: 76799
Ion Ratio Lower Upper
168 100
99 65.7 41.7 62.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.107 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Tgt Ion:101 Resp: 796
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 85.1 61.8 92.6





#11

Tert butyl alcohol

Concen: 0.263 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX027882.D

Acq: 01 Apr 2022 15:36

Instrument :

MSVOA_X

ClientSampleId :

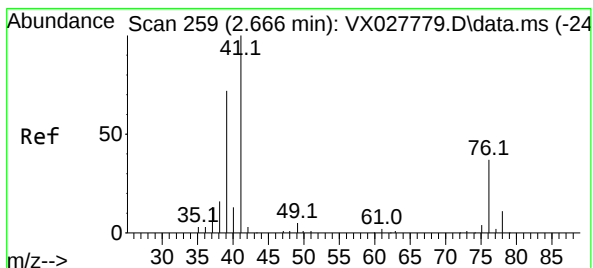
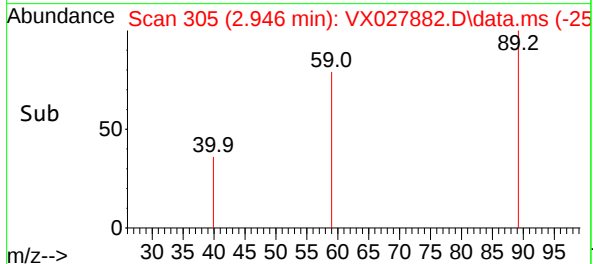
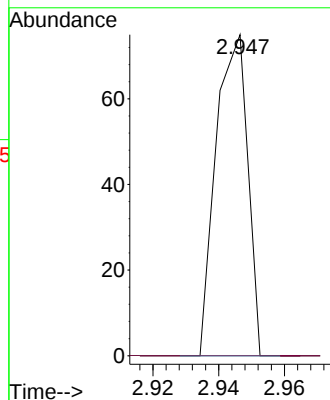
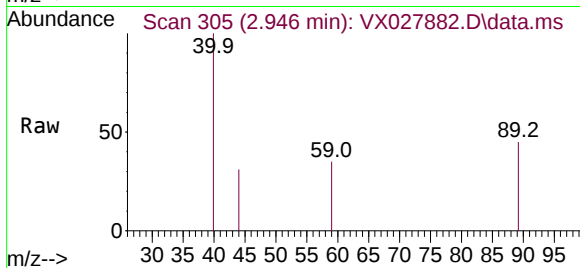
RE104D1-20220321

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.390 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.122 min

Lab File: VX027882.D

Acq: 01 Apr 2022 15:36

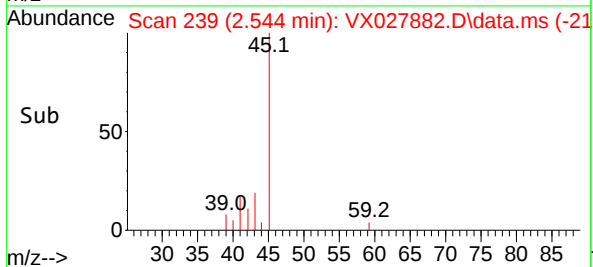
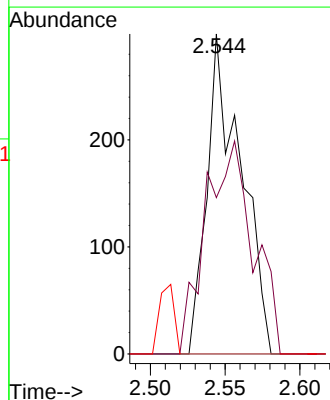
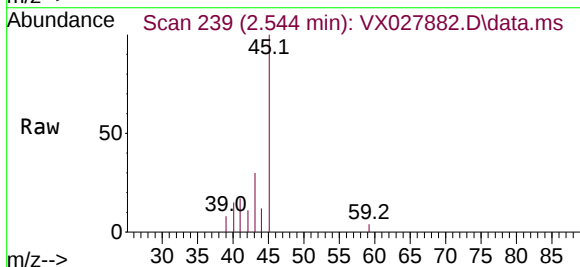
Tgt Ion: 41 Resp: 472

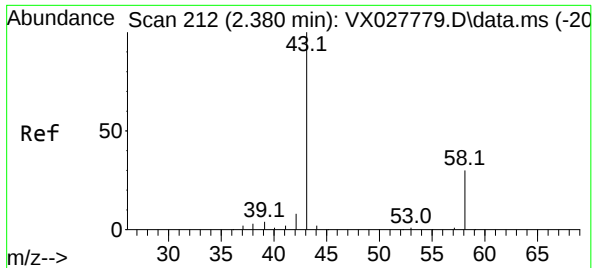
Ion Ratio Lower Upper

41 100

39 93.6 50.4 75.6#

76 0.0 32.7 49.1#

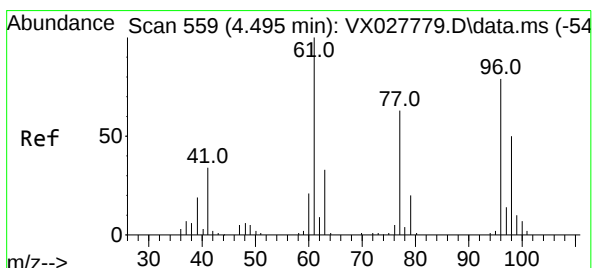
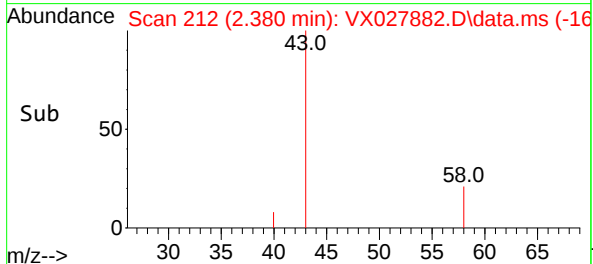
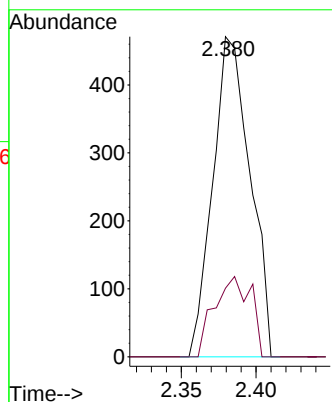
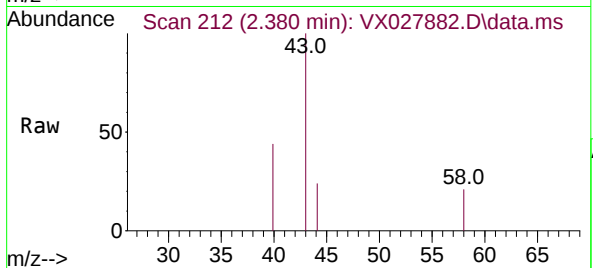




#16
Acetone
Concen: 1.861 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

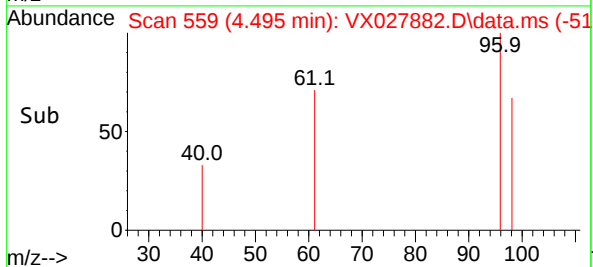
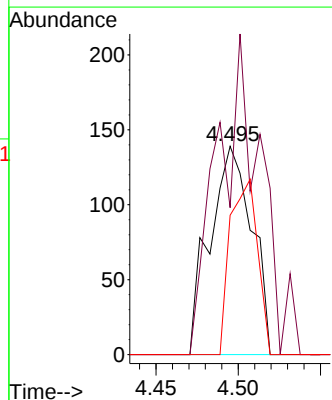
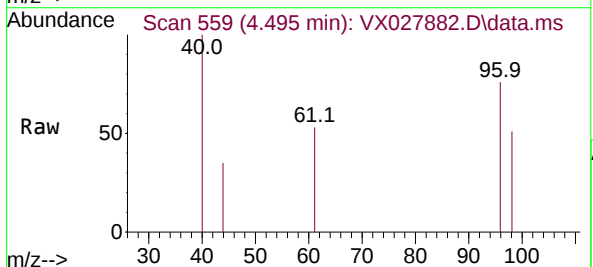
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20220321

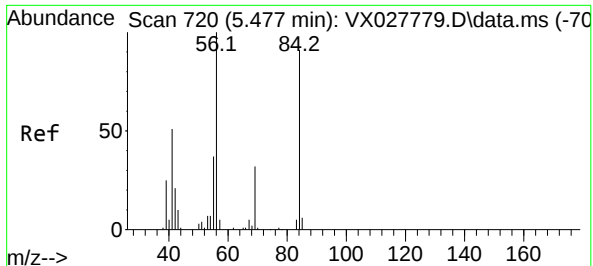
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 21.4 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.287 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

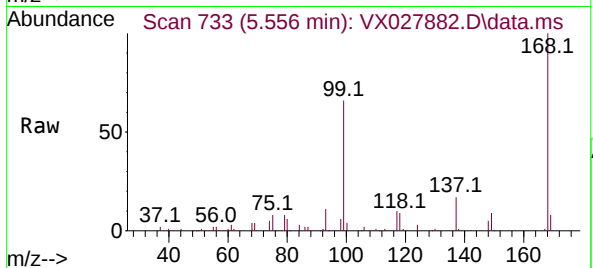
Tgt Ion: 96 Resp: 248
Ion Ratio Lower Upper
96 100
61 157.7 0.0 283.8
98 54.8 0.0 129.8



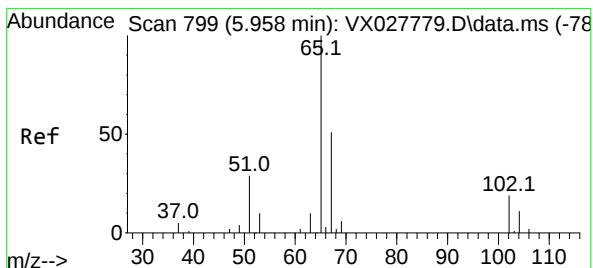
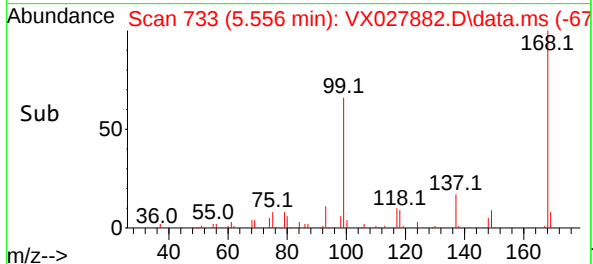
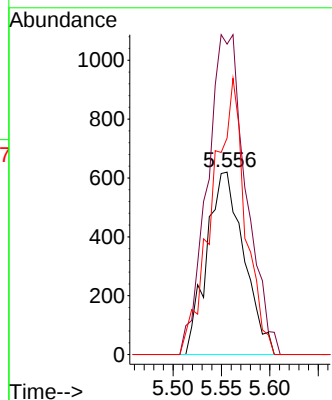


#31
Cyclohexane
Concen: 1.510 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20220321

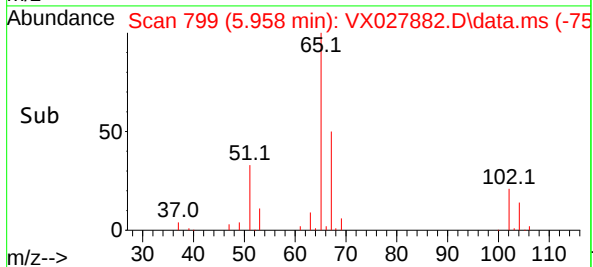
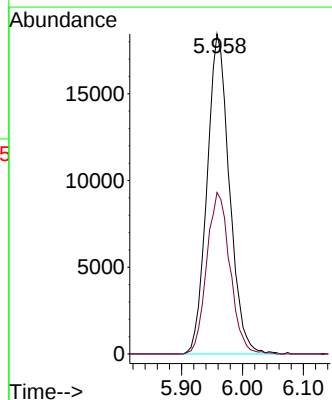
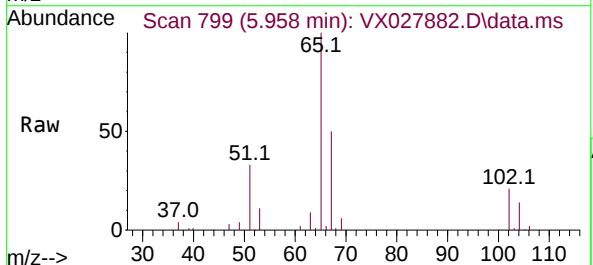


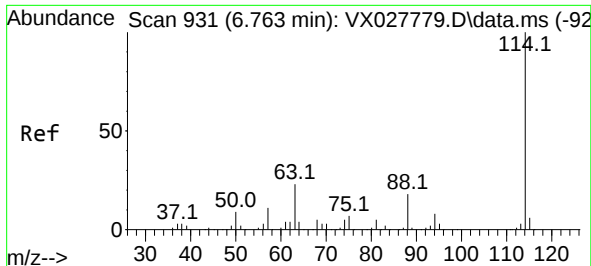
Tgt Ion: 56 Resp: 1654
Ion Ratio Lower Upper
56 100
69 170.2 26.7 40.1#
84 118.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.517 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Tgt Ion: 65 Resp: 47085
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

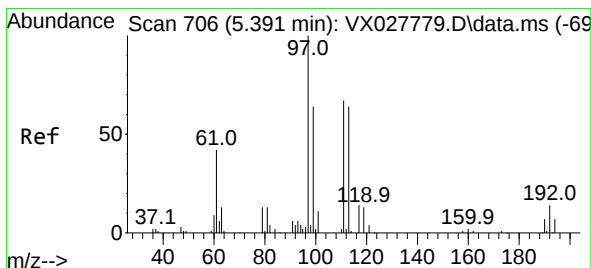
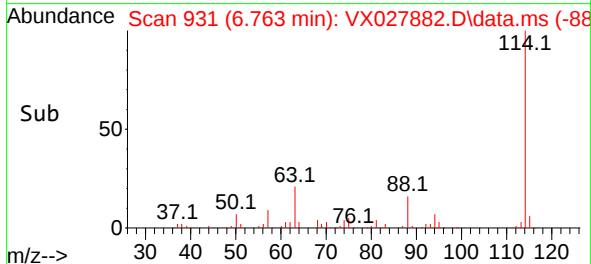
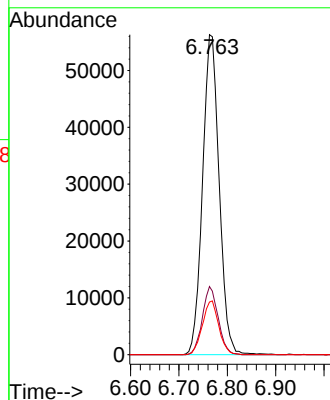
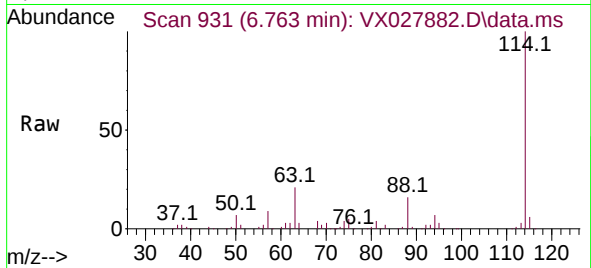




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

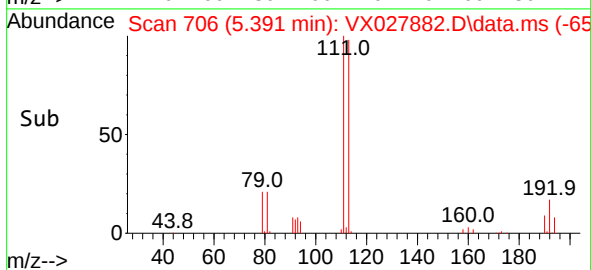
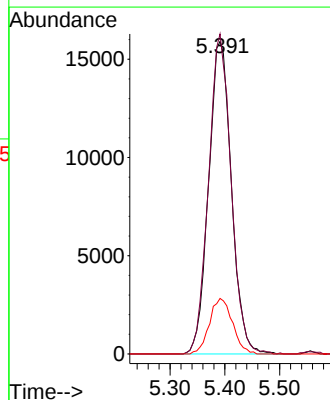
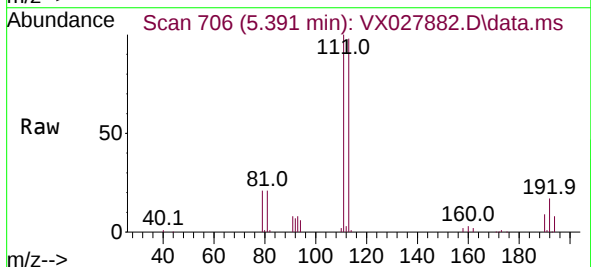
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MSVOA_X
ClientSampleId :
RE104D1-20220321

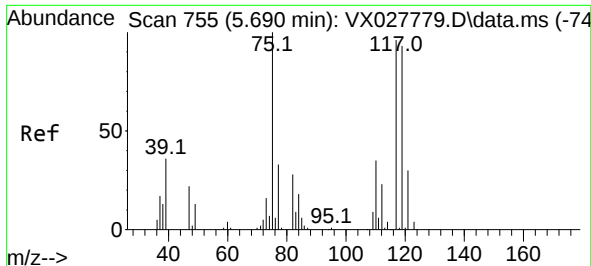
Tgt Ion:114 Resp: 134183
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.000 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Tgt Ion:113 Resp: 45904
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 18.0 16.9 25.3

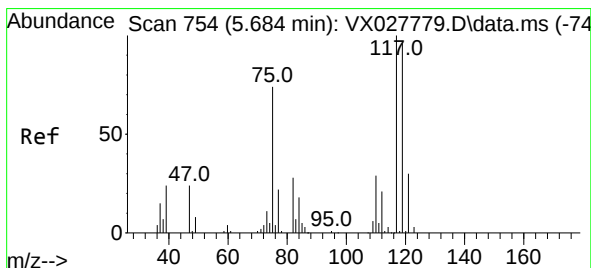
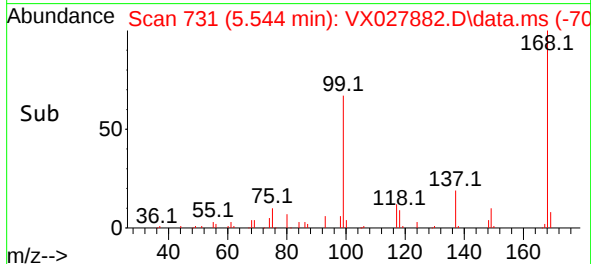
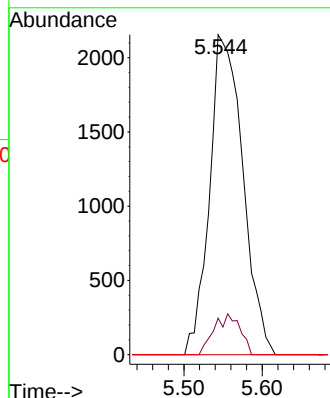
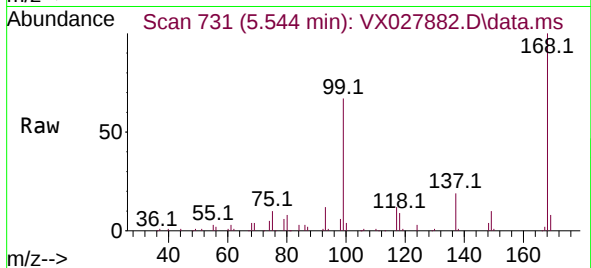




#36
1,1-Dichloropropene
Concen: 5.838 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

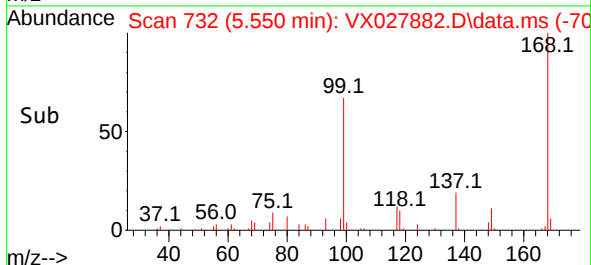
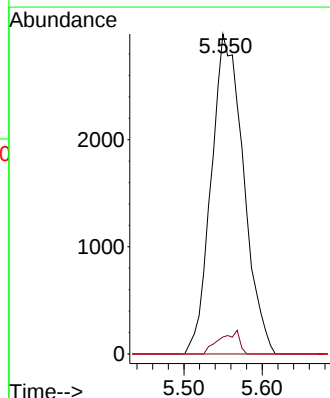
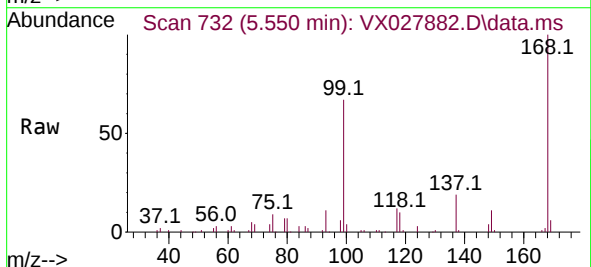
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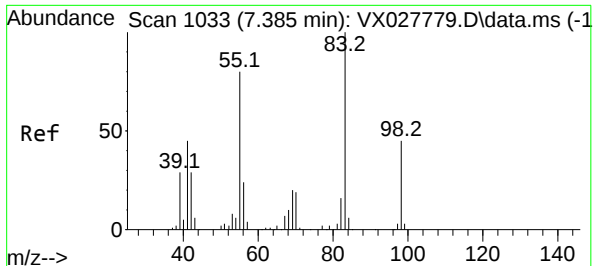
Tgt Ion: 75 Resp: 6368
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.079 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Tgt Ion: 117 Resp: 8532
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.329 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027882.D

Acq: 01 Apr 2022 15:36

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20220321

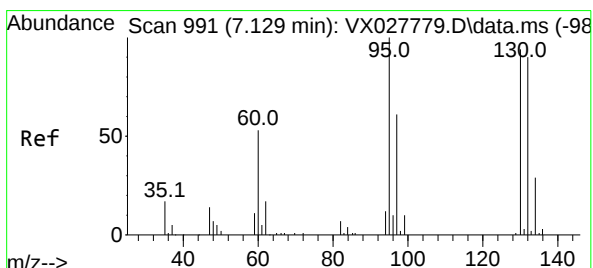
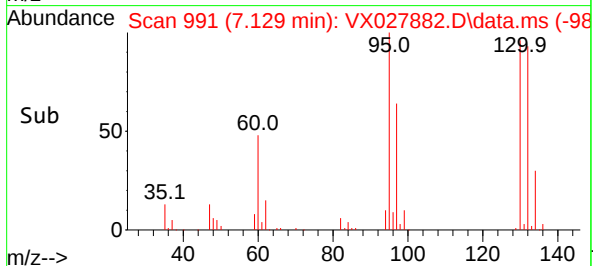
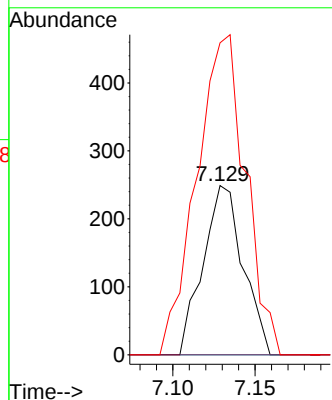
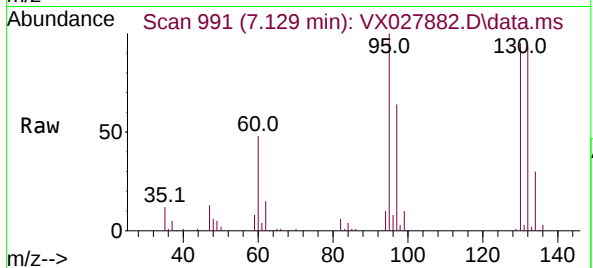
Tgt Ion: 83 Resp: 422

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 184.3 37.4 56.2#



#44

Trichloroethene

Concen: 40.720 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027882.D

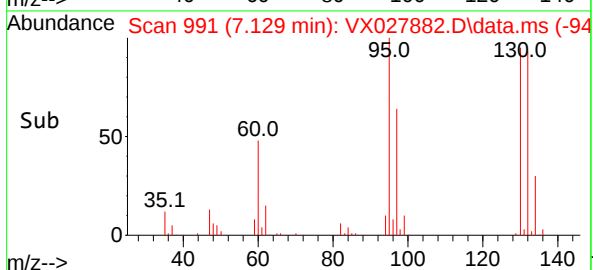
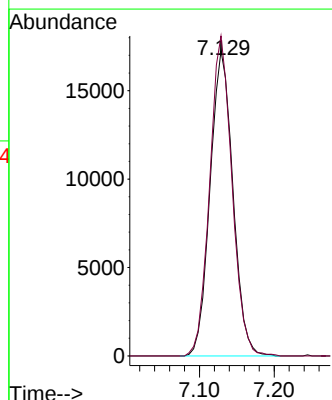
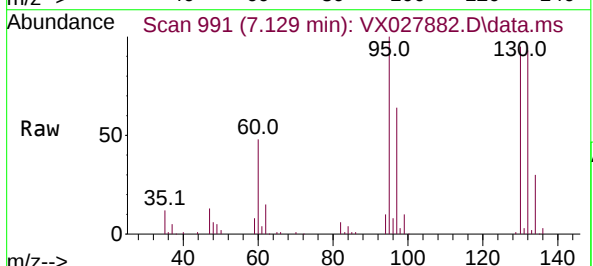
Acq: 01 Apr 2022 15:36

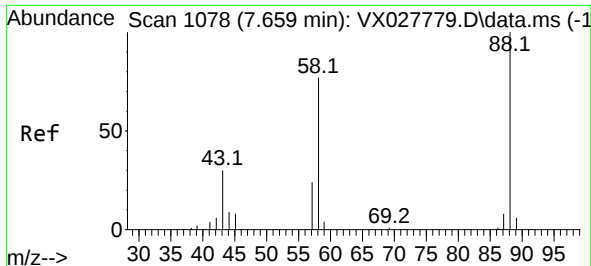
Tgt Ion:130 Resp: 36583

Ion Ratio Lower Upper

130 100

95 104.8 0.0 188.8





#49

1,4-Dioxane

Concen: 6.689 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.024 min

Lab File: VX027882.D

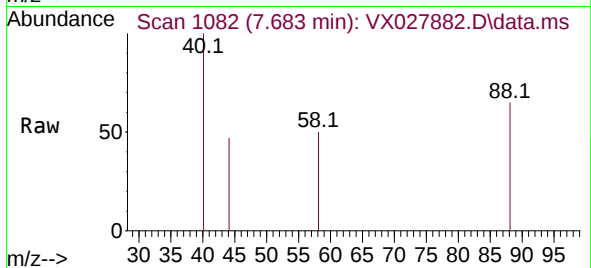
Acq: 01 Apr 2022 15:36

Instrument :

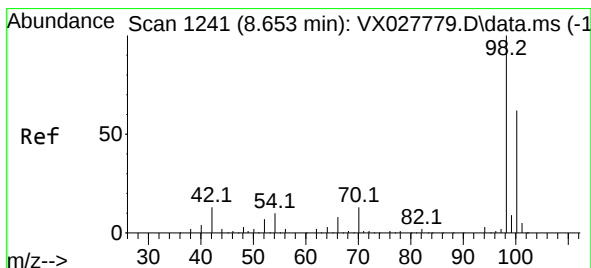
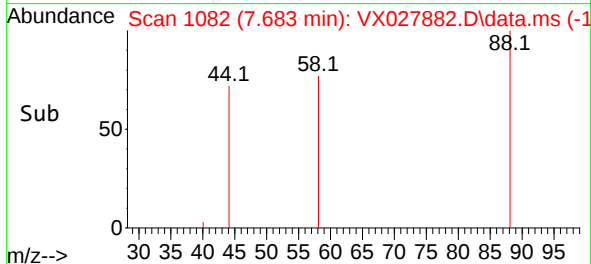
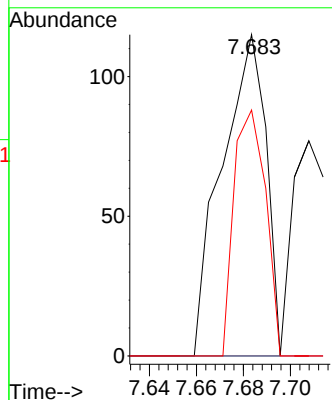
MSVOA_X

ClientSampleId :

RE104D1-20220321



Tgt Ion:	88	Resp:	150
Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.9	32.9#
58	54.7	53.7	80.5



#50

Toluene-d8

Concen: 49.707 ug/l

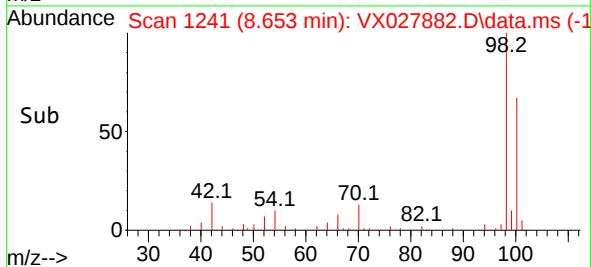
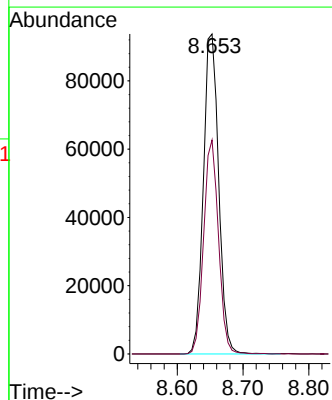
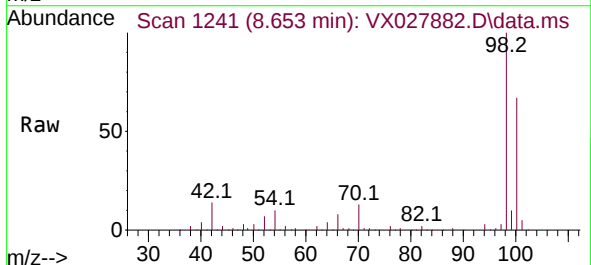
RT: 8.653 min Scan# 1241

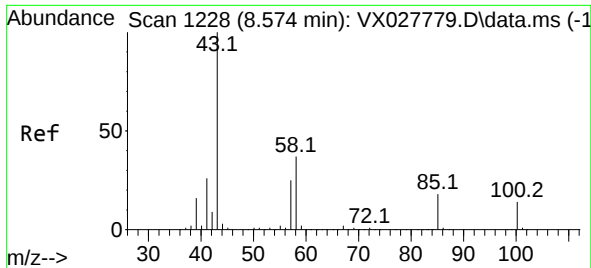
Delta R.T. -0.000 min

Lab File: VX027882.D

Acq: 01 Apr 2022 15:36

Tgt Ion:	98	Resp:	151476
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8

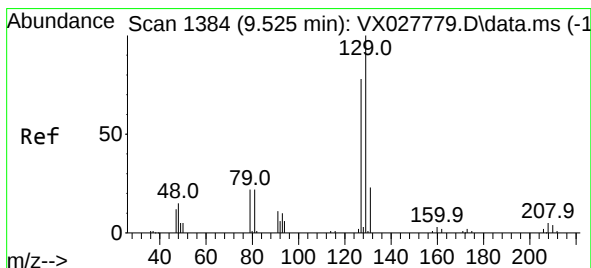
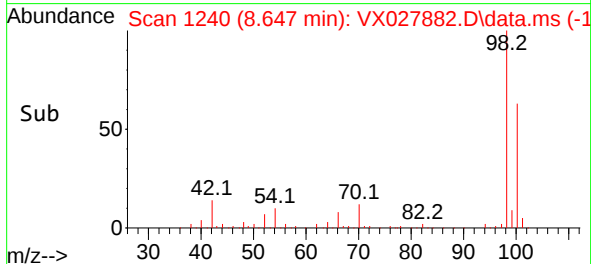
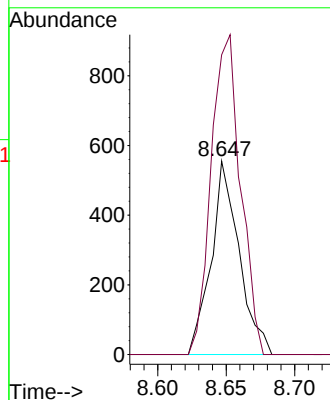
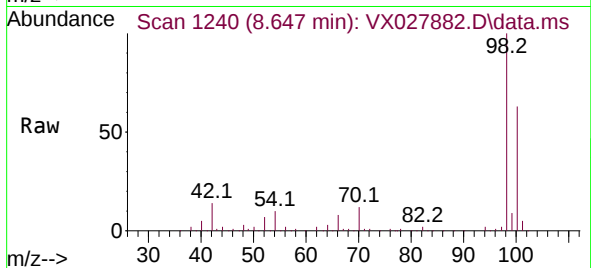




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

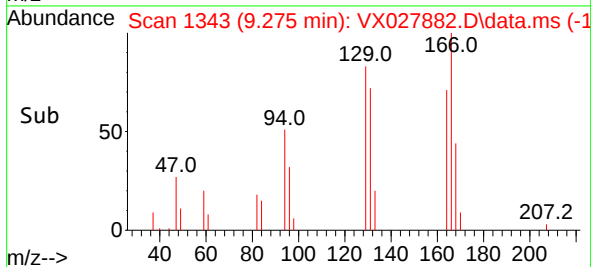
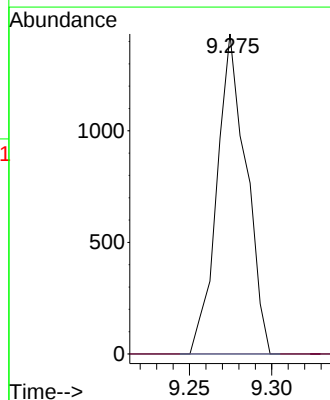
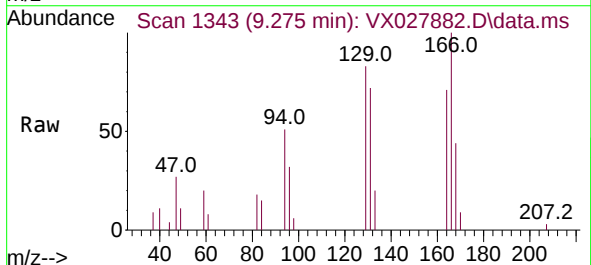
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20220321

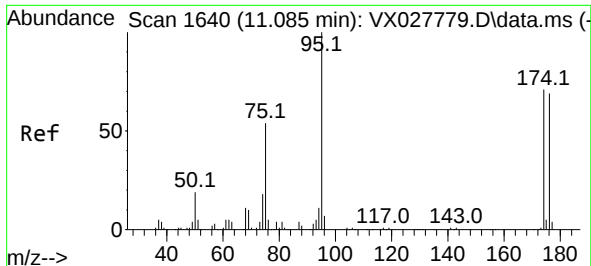
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 174.1 36.1 54.1#



#60
Dibromochloromethane
Concen: 1.857 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Tgt Ion: 129 Resp: 1778
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 47.005 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027882.D

Acq: 01 Apr 2022 15:36

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20220321

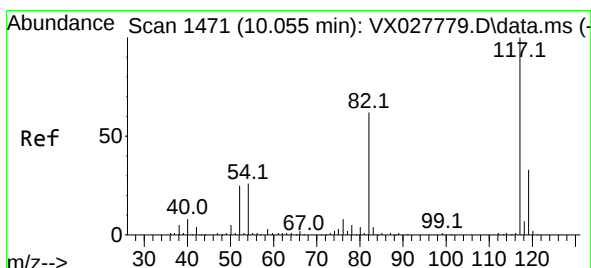
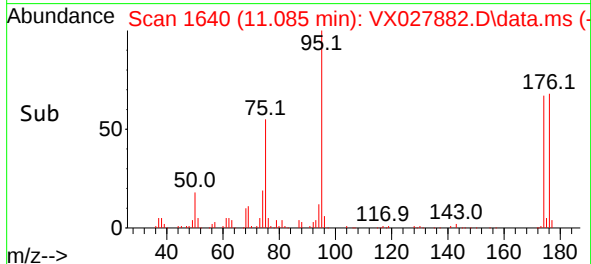
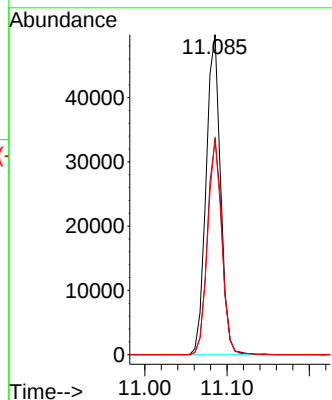
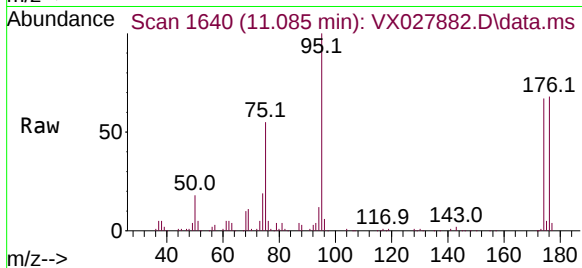
Tgt Ion: 95 Resp: 60873

Ion Ratio Lower Upper

95 100

174 67.7 0.0 163.0

176 65.6 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX027882.D

Acq: 01 Apr 2022 15:36

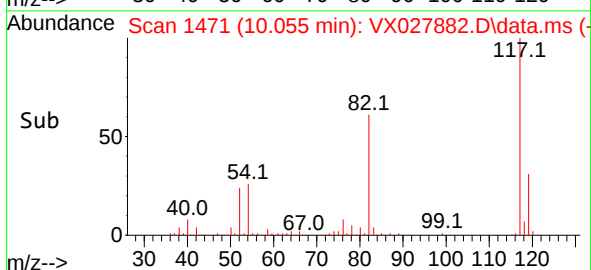
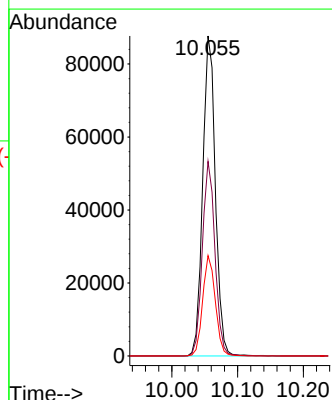
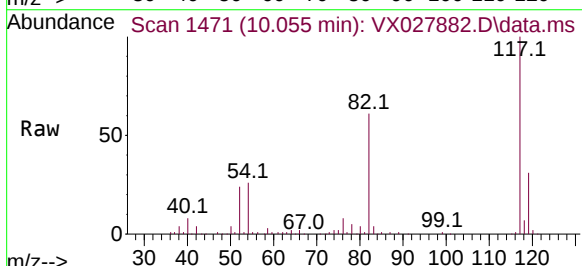
Tgt Ion: 117 Resp: 117362

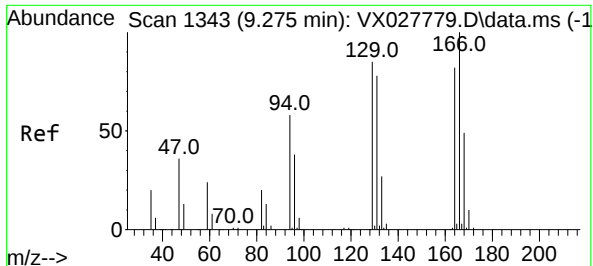
Ion Ratio Lower Upper

117 100

82 60.8 41.8 62.8

119 31.3 24.8 37.2

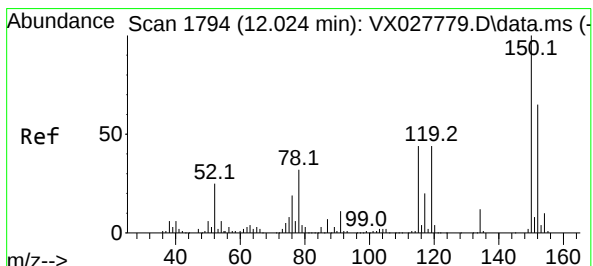
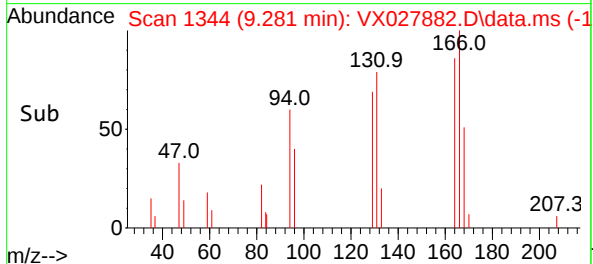
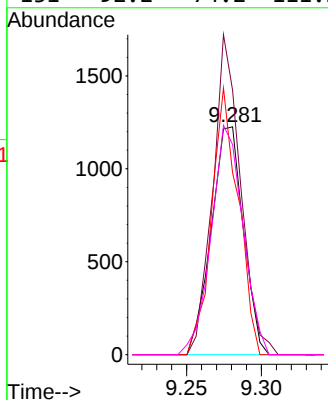
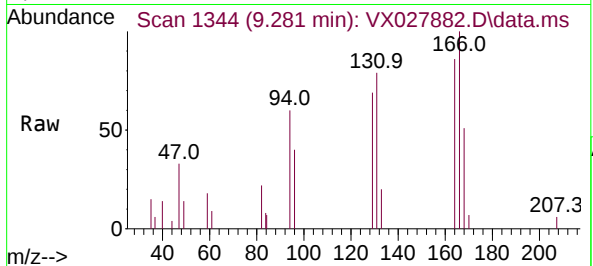




#64
Tetrachloroethene
Concen: 2.298 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

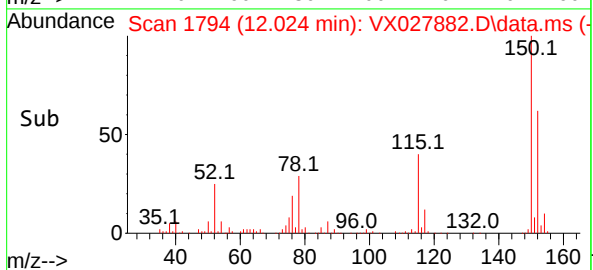
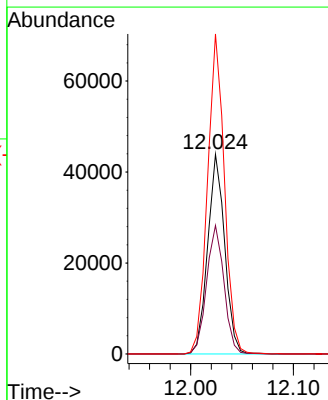
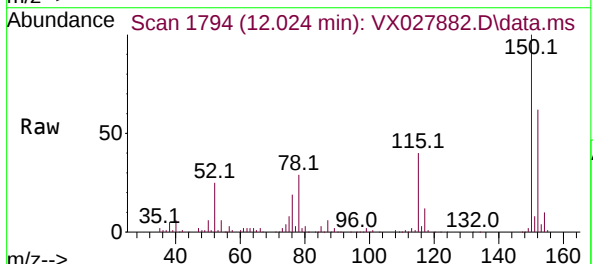
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20220321

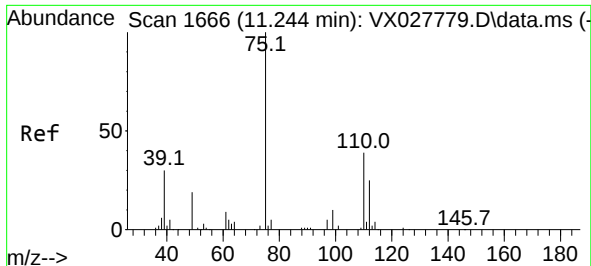
Tgt Ion:164	Resp:	1829
Ion	Ratio	Lower Upper
164	100	
166	116.0	101.2 151.8
129	79.8	73.0 109.4
131	92.2	74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Tgt Ion:152	Resp:	50698
Ion	Ratio	Lower Upper
152	100	
115	65.8	37.5 112.7
150	158.4	0.0 338.2

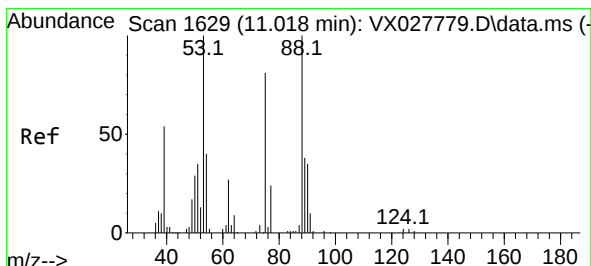
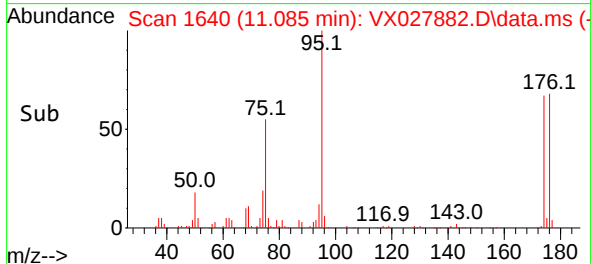
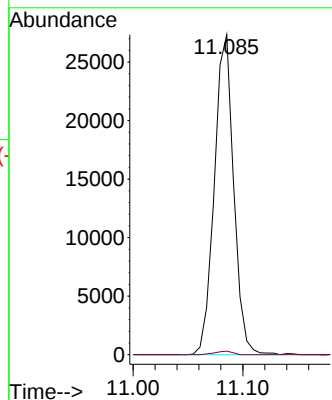
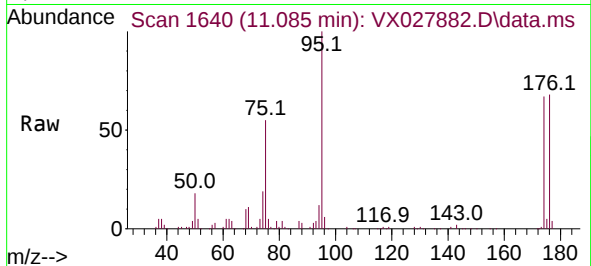




#76
1,2,3-Trichloropropane
Concen: 28.157 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20220321

Tgt Ion: 75 Resp: 33487
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.230 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027882.D
Acq: 01 Apr 2022 15:36

Tgt Ion: 75 Resp: 33487
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

