

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027603.D
 Acq On : 21 Mar 2022 21:56
 Operator : JC/MD
 Sample : N2000-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D6-20220315DL

Quant Time: Mar 22 05:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

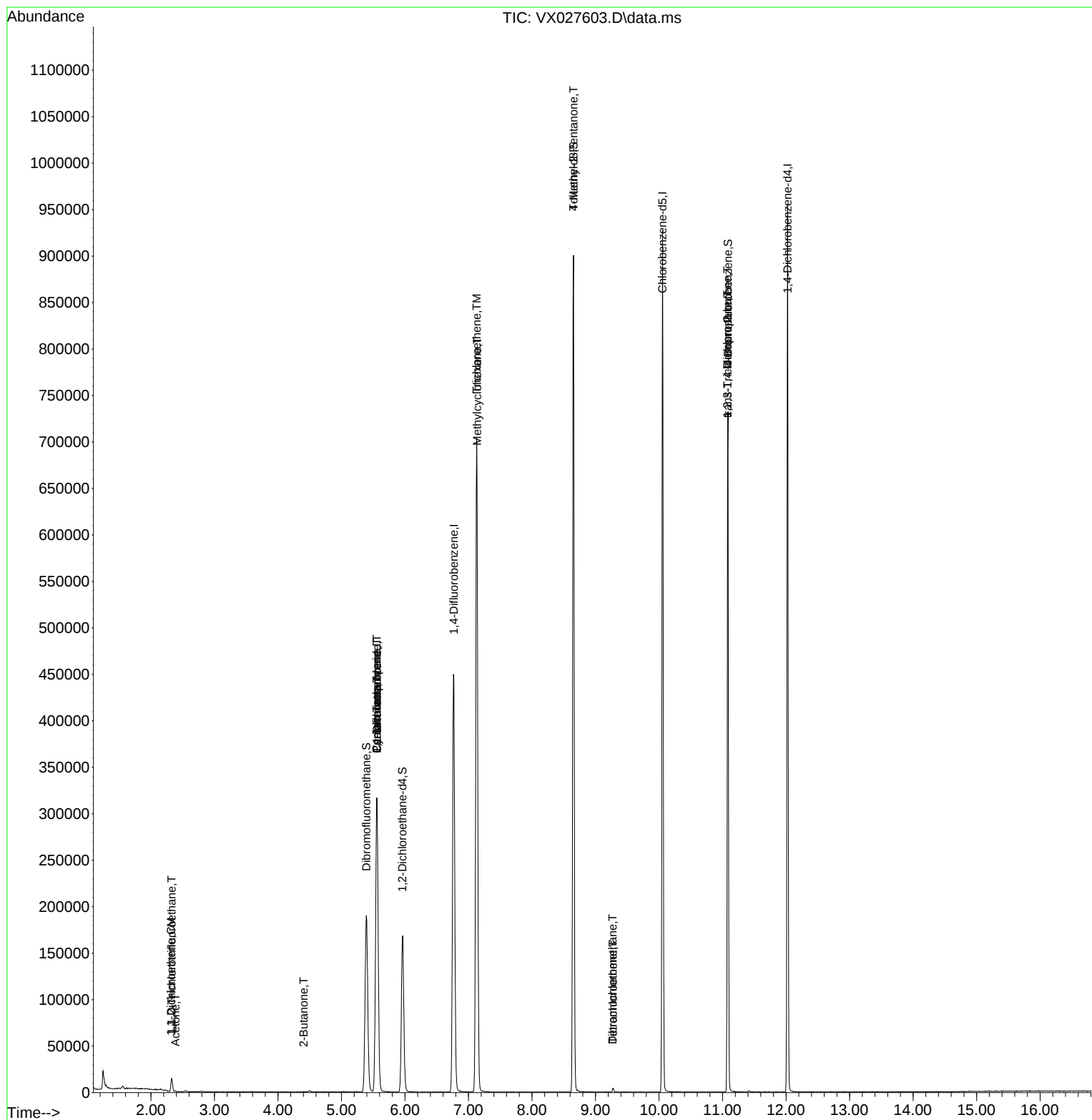
Internal Standards						
1) Pentafluorobenzene	5.556	168	317381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	506580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161990	41.432	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.860%
35) Dibromofluoromethane	5.391	113	171335	52.569	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.140%
50) Toluene-d8	8.653	98	575952	46.699	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.400%
62) 4-Bromofluorobenzene	11.085	95	202465	44.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	533	Below Cal	#	44
9) 1,1,2-Trichlorotrifluo...	2.325	101	4499	1.465	ug/l	90
12) 1,1-Dichloroethene	2.319	96	1238	0.420	ug/l	94
16) Acetone	2.386	43	1009	0.633	ug/l #	86
25) 2-Butanone	4.404	43	647	0.270	ug/l #	44
31) Cyclohexane	5.556	56	5119	1.054	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	21097	4.737	ug/l #	50
38) Carbon Tetrachloride	5.556	117	30016	5.891	ug/l #	17
39) Methylcyclohexane	7.135	83	2948	0.526	ug/l #	1
44) Trichloroethene	7.129	130	303791	78.317	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1750	0.384	ug/l #	1
60) Dibromochloromethane	9.269	129	836	0.218	ug/l #	9
64) Tetrachloroethene	9.275	164	915	0.261	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	90427	20.607	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	90427	62.585	ug/l #	15

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

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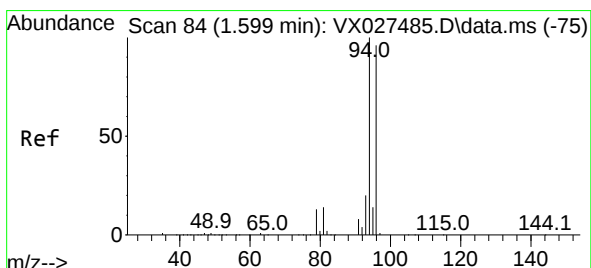
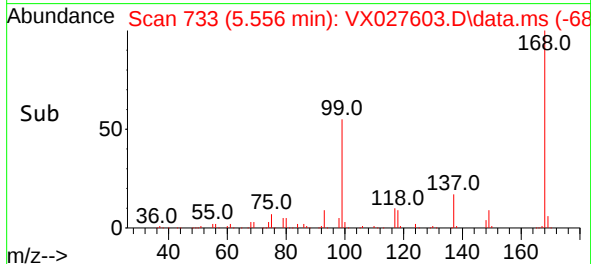
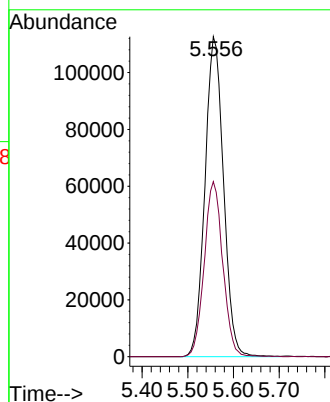
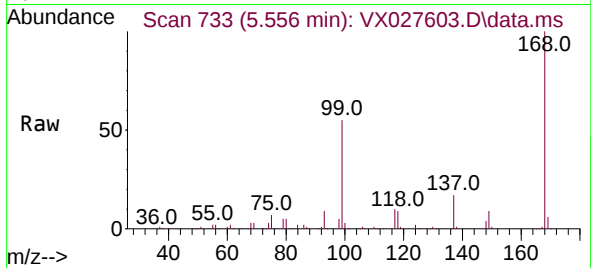




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

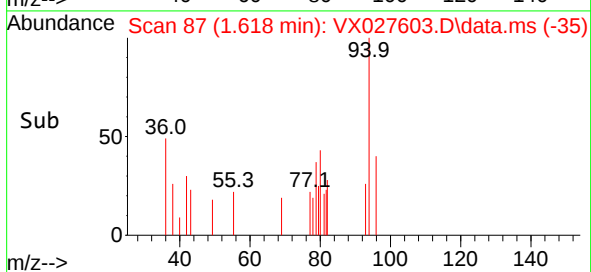
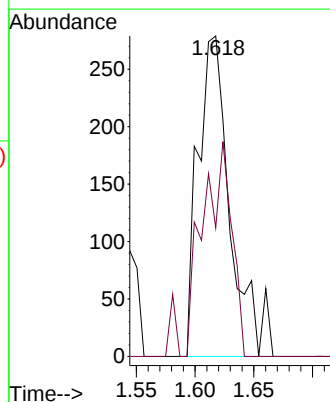
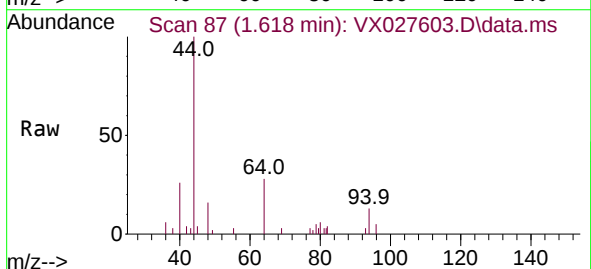
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

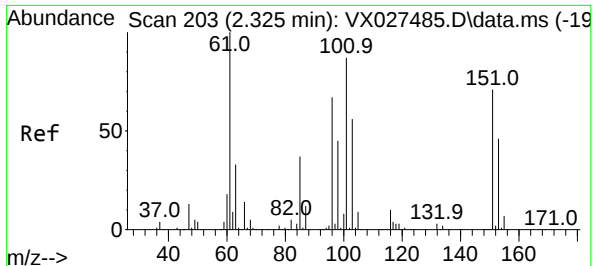
Tgt Ion:168 Resp: 317381
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion: 94 Resp: 533
Ion Ratio Lower Upper
94 100
96 40.1 75.3 112.9#

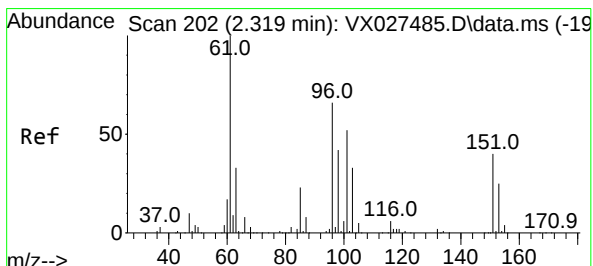
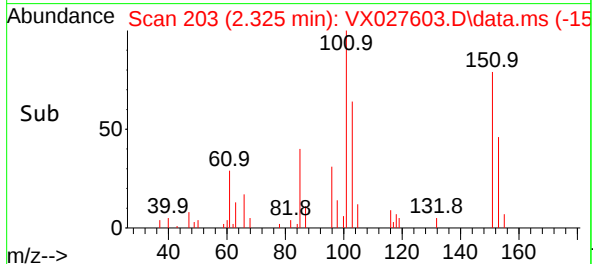
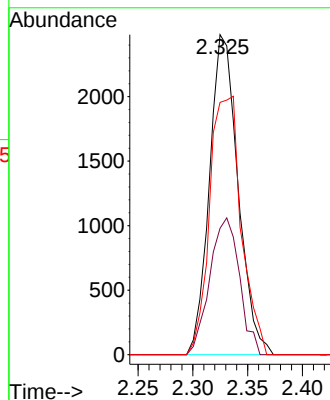
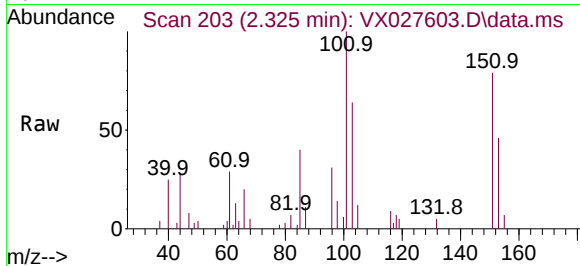




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.465 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

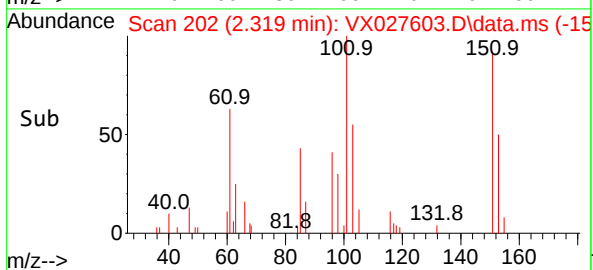
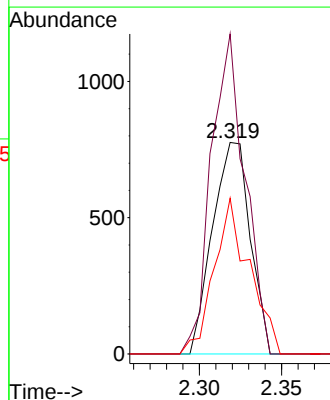
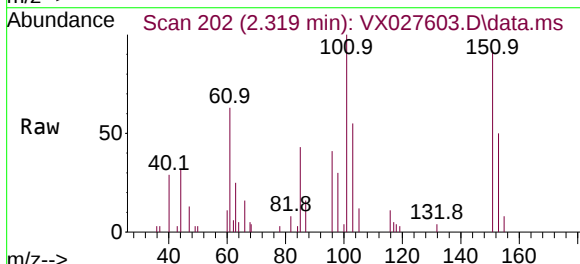
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

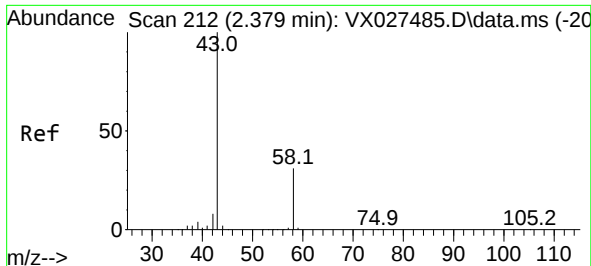
Tgt Ion:101 Resp: 4499
Ion Ratio Lower Upper
101 100
85 44.3 33.5 50.3
151 89.3 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.420 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion: 96 Resp: 1238
Ion Ratio Lower Upper
96 100
61 151.3 124.6 187.0
98 73.6 51.0 76.4

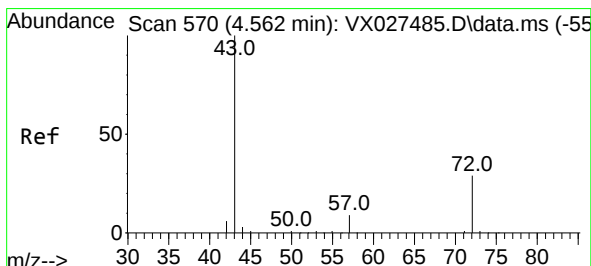
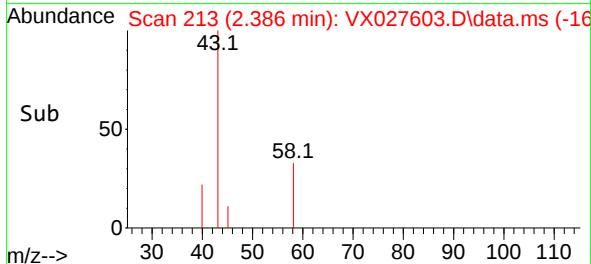
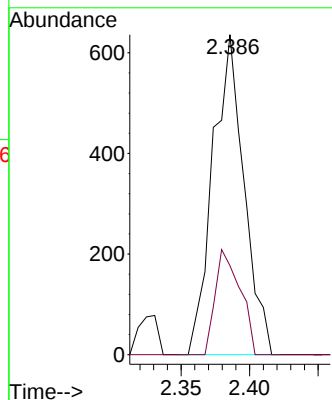
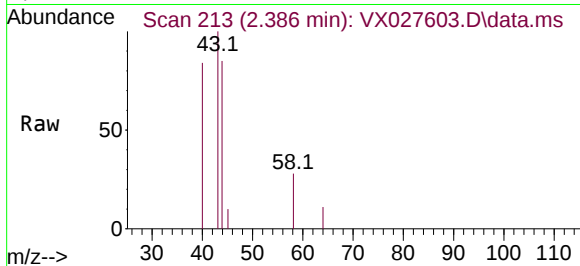




#16
Acetone
Concen: 0.633 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

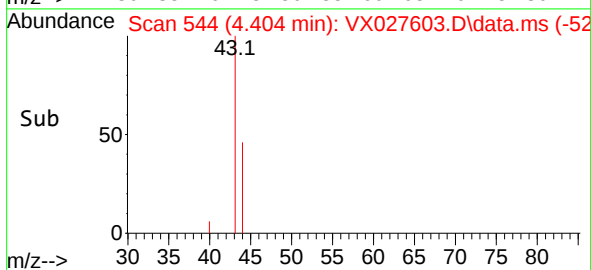
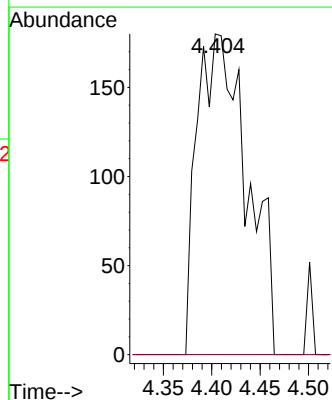
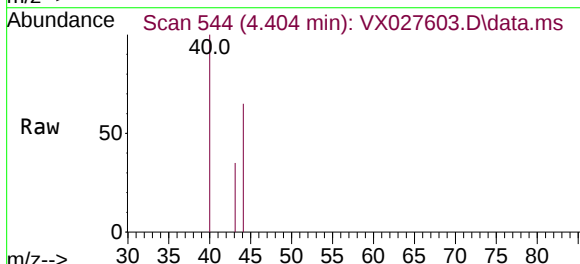
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

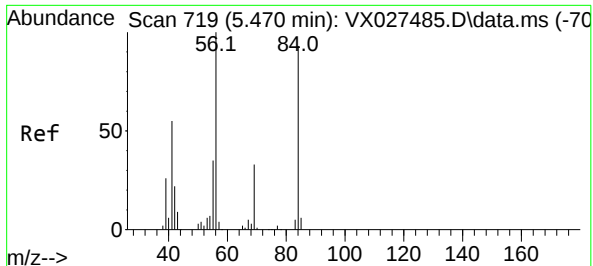
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 27.8 28.8 43.2#



#25
2-Butanone
Concen: 0.270 ug/l
RT: 4.404 min Scan# 544
Delta R.T. -0.158 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#

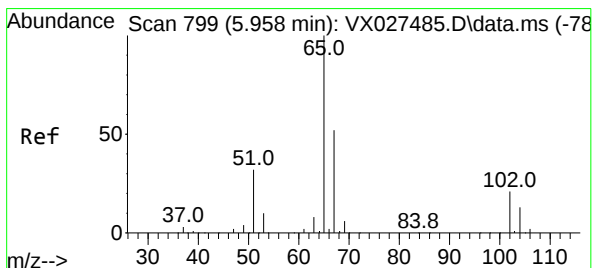
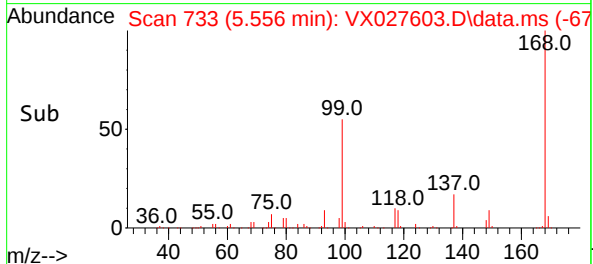
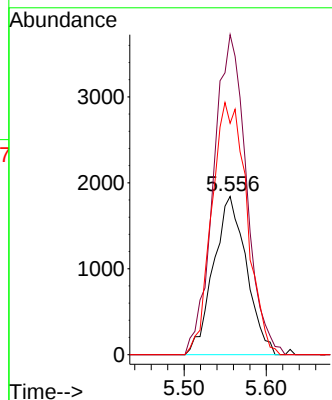
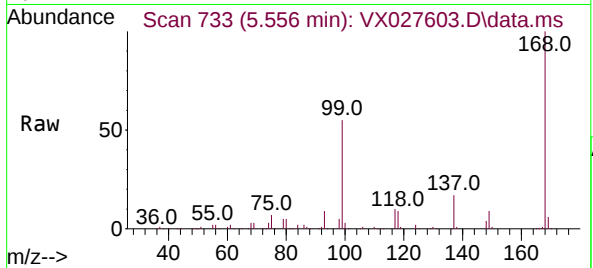




#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

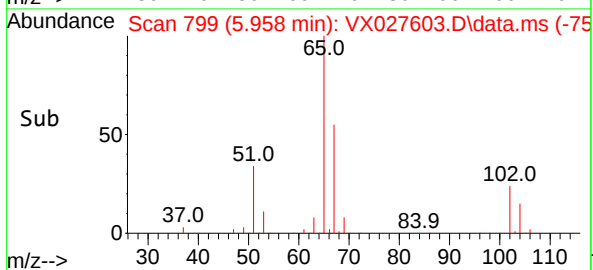
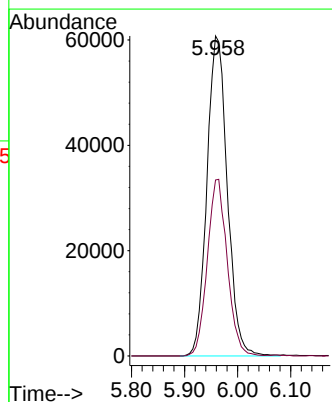
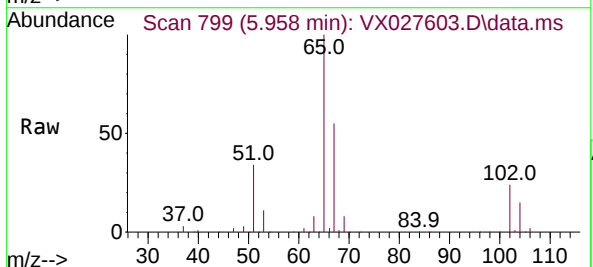
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

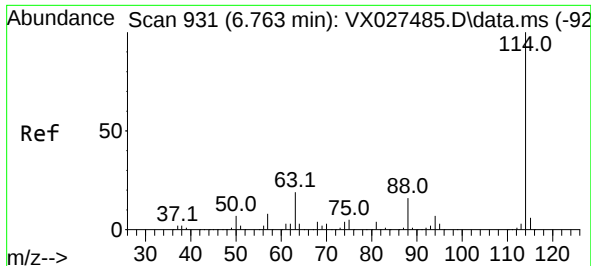
Tgt Ion: 56 Resp: 5119
Ion Ratio Lower Upper
56 100
69 202.2 26.7 40.1#
84 146.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.432 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion: 65 Resp: 161990
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

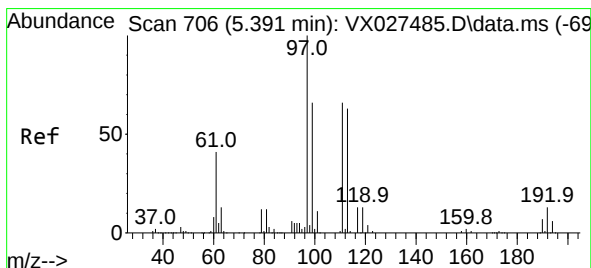
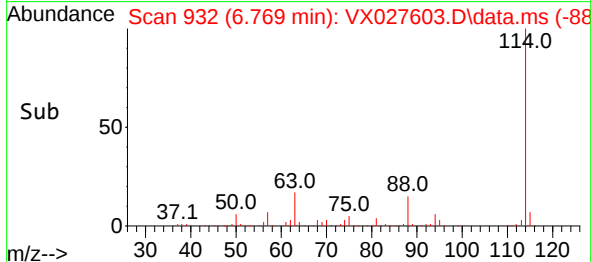
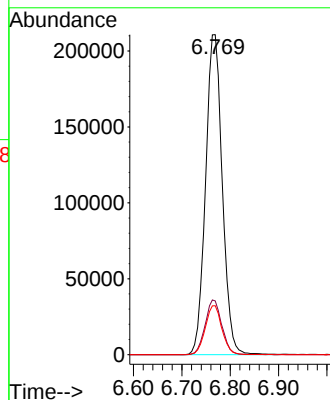
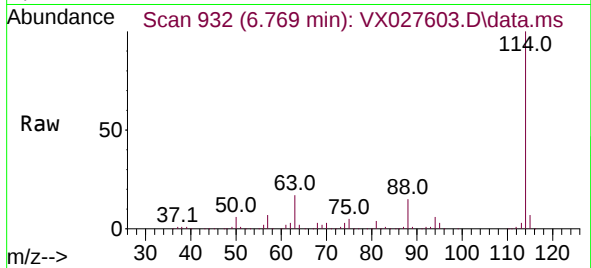




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

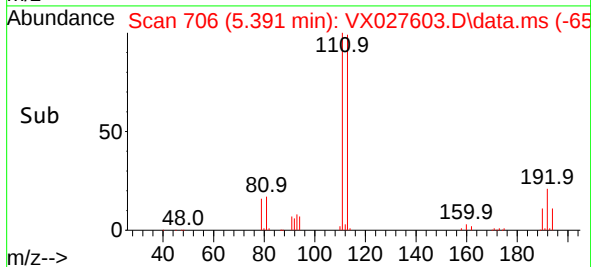
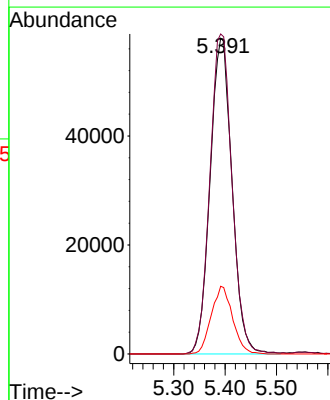
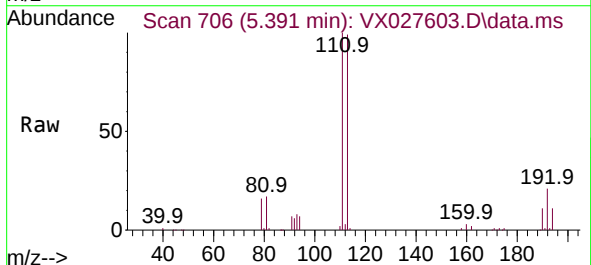
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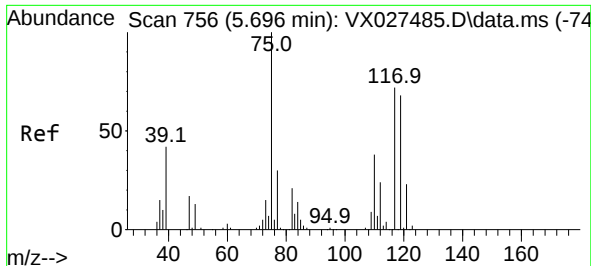
Tgt Ion:114 Resp: 506580
Ion Ratio Lower Upper
114 100
63 16.8 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.569 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion:113 Resp: 171335
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 20.9 16.9 25.3

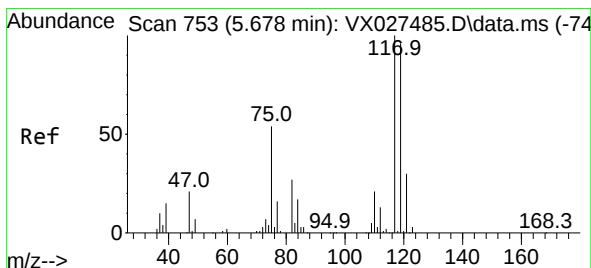
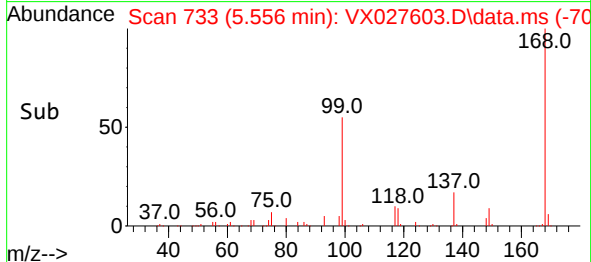
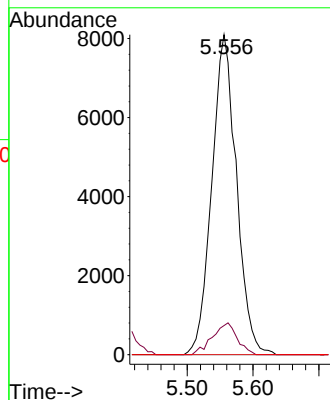
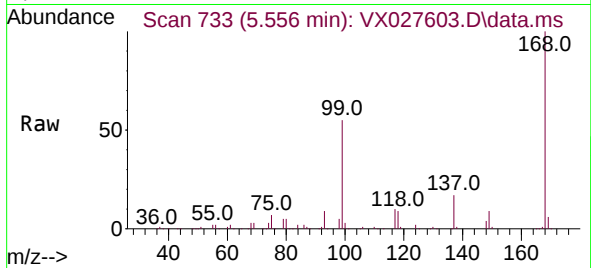




#36
1,1-Dichloropropene
Concen: 4.737 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

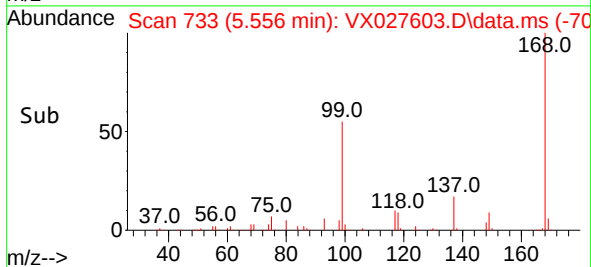
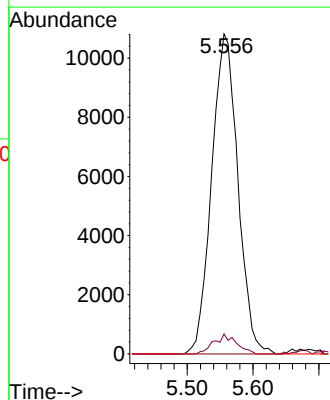
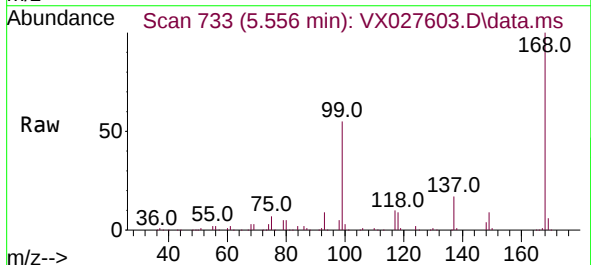
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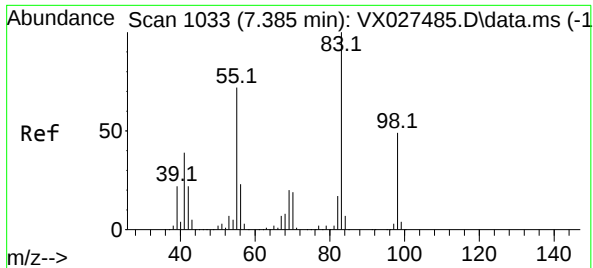
Tgt Ion: 75 Resp: 21097
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion: 117 Resp: 30016
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.2 36.2#

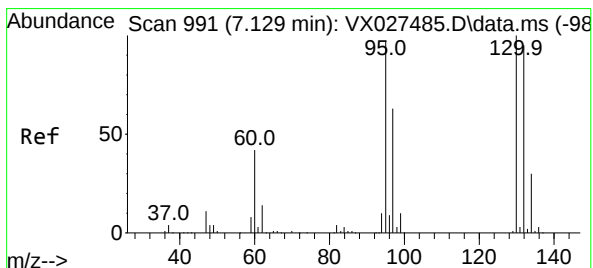
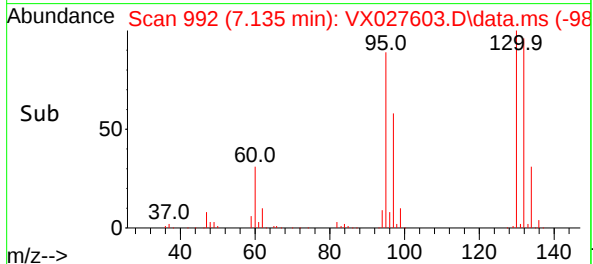
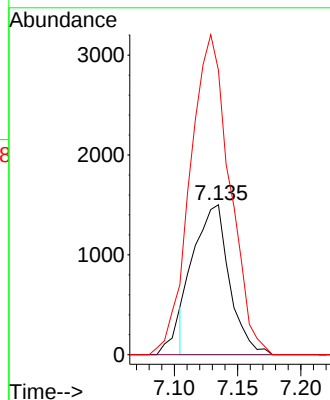
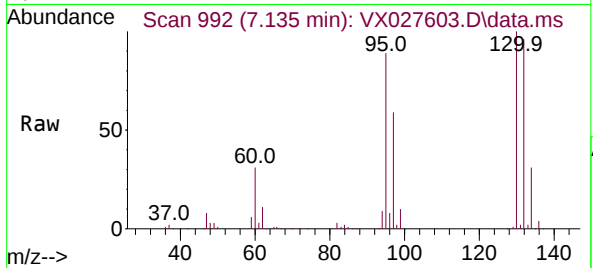




#39
Methylcyclohexane
Concen: 0.526 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

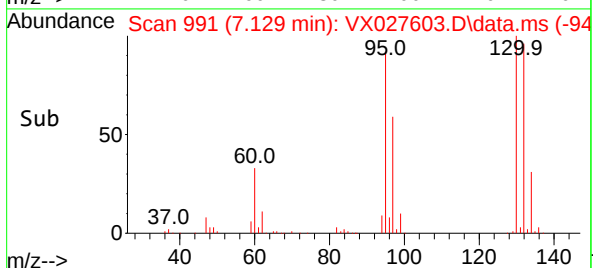
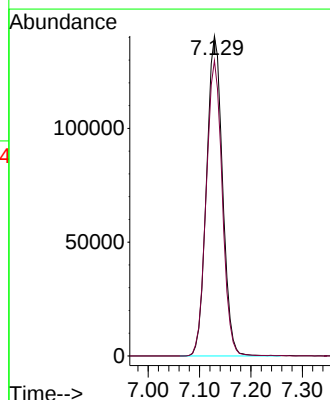
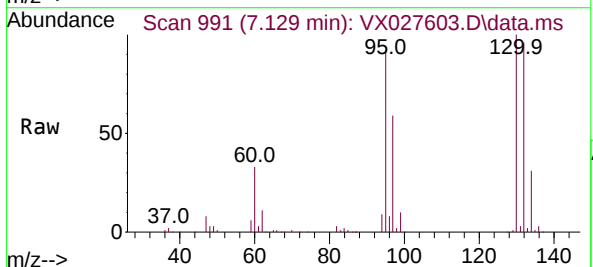
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

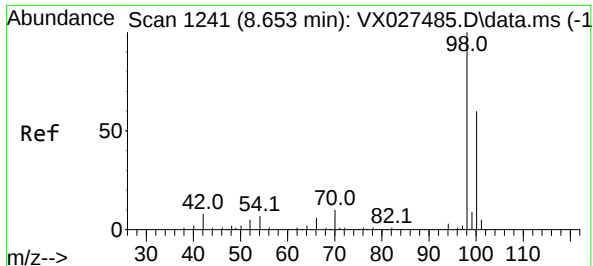
Tgt Ion: 83 Resp: 2948
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 189.7 37.4 56.2#



#44
Trichloroethene
Concen: 78.317 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion:130 Resp: 303791
Ion Ratio Lower Upper
130 100
95 92.3 0.0 188.8

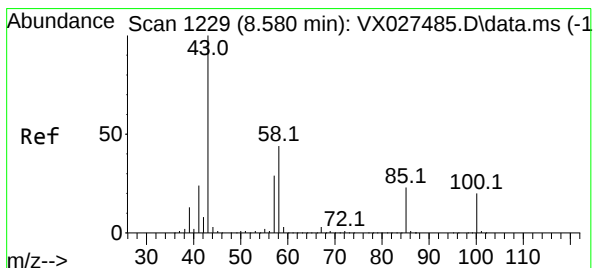
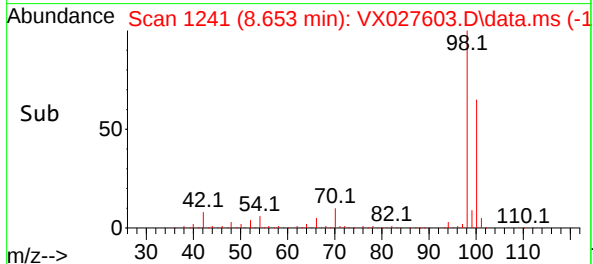
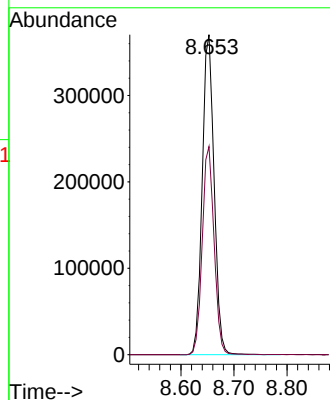
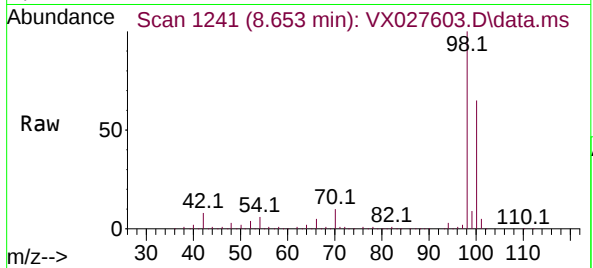




#50
Toluene-d8
Concen: 46.699 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

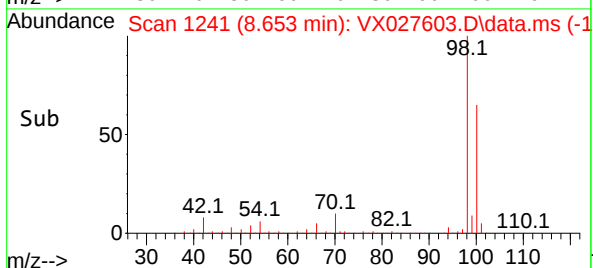
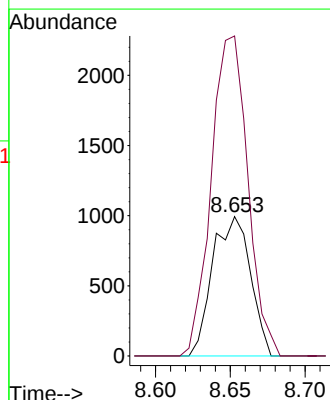
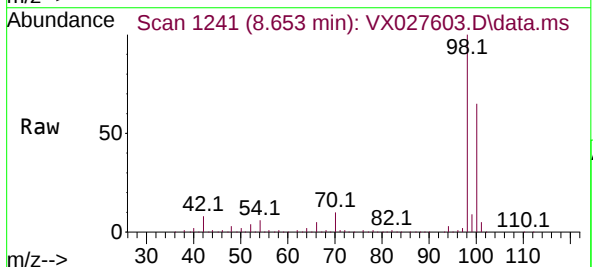
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

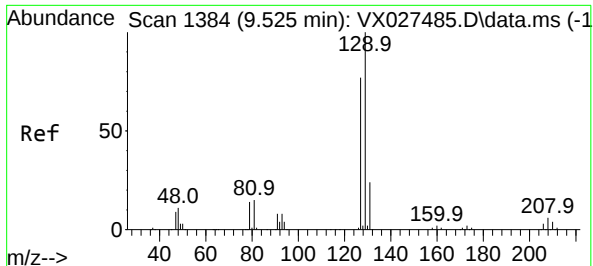
Tgt Ion: 98 Resp: 575952
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.384 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
58 221.7 36.1 54.1#





#60

Dibromochloromethane

Concen: 0.218 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX027603.D

Acq: 21 Mar 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

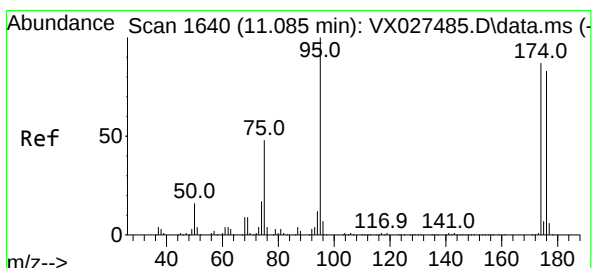
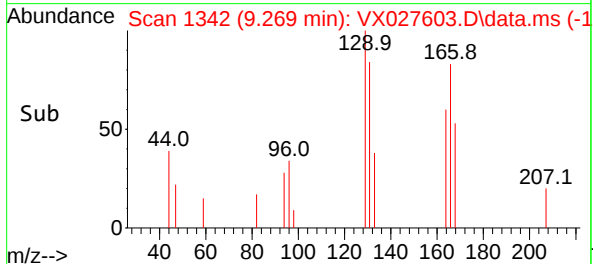
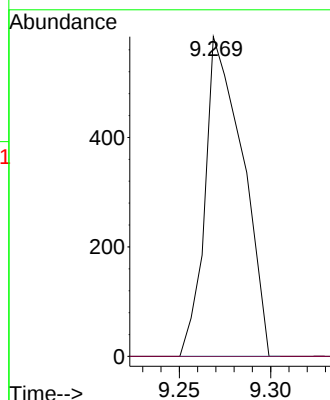
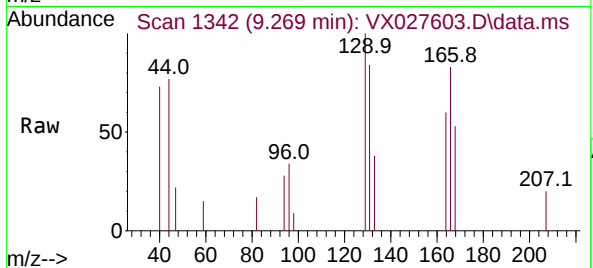
RE-132D6-20220315DL

Tgt Ion:129 Resp: 836

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#



#62

4-Bromofluorobenzene

Concen: 44.663 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027603.D

Acq: 21 Mar 2022 21:56

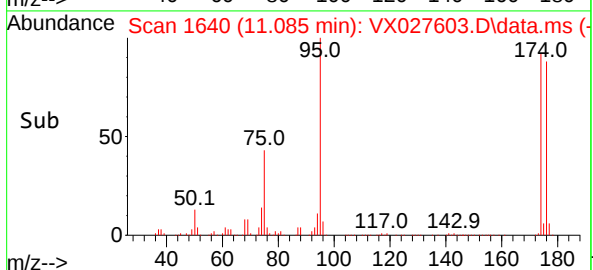
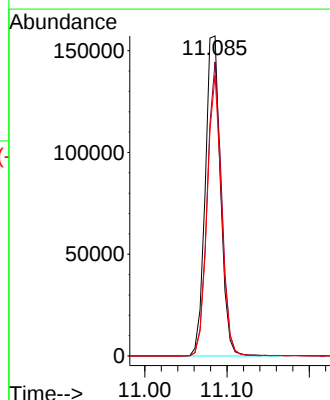
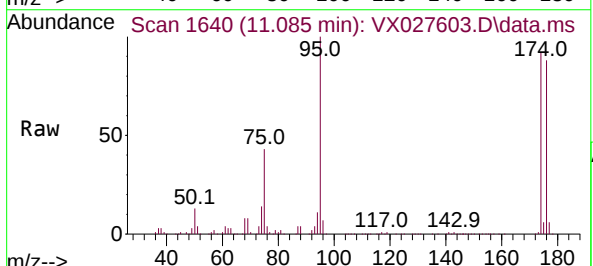
Tgt Ion: 95 Resp: 202465

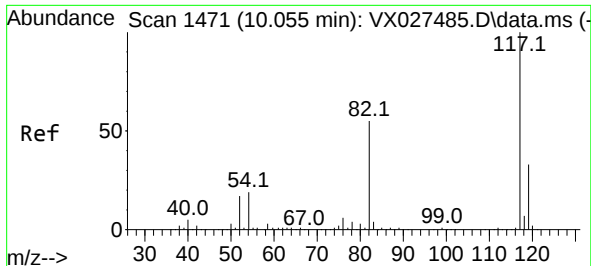
Ion Ratio Lower Upper

95 100

174 87.1 0.0 163.0

176 82.5 0.0 155.0

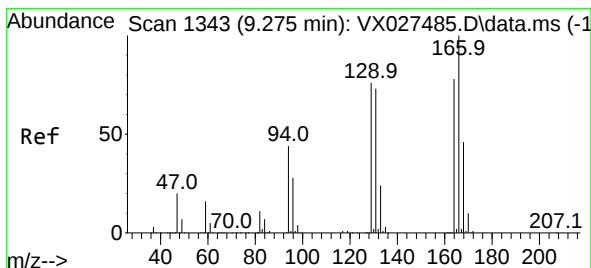
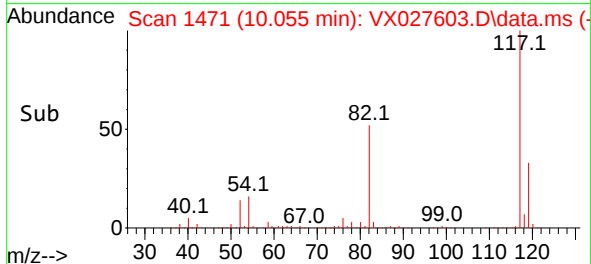
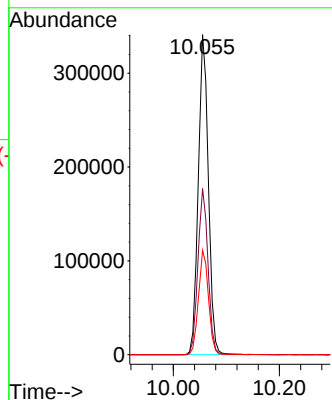
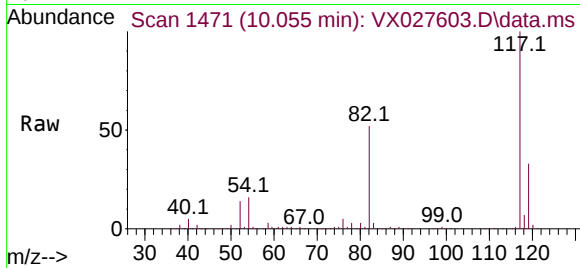




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

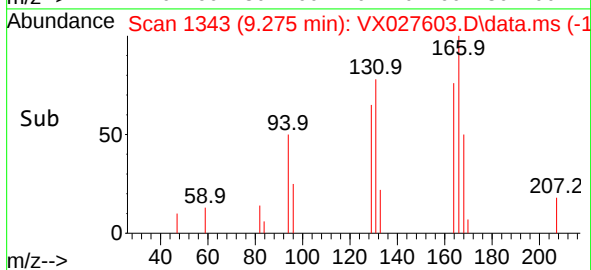
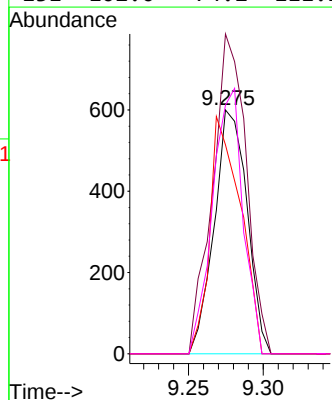
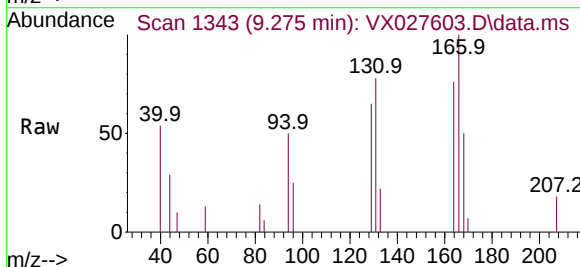
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

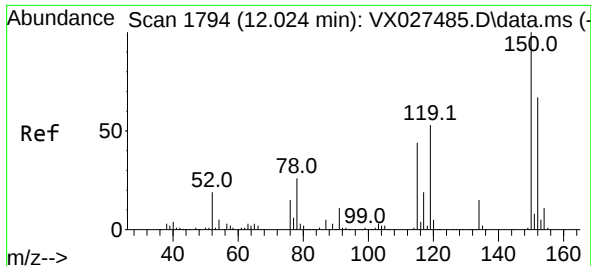
Tgt Ion:117 Resp: 451095
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.6 24.8 37.2



#64
Tetrachloroethene
Concen: 0.261 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion:164 Resp: 915
Ion Ratio Lower Upper
164 100
166 131.2 101.2 151.8
129 85.7 73.0 109.4
131 102.0 74.2 111.2

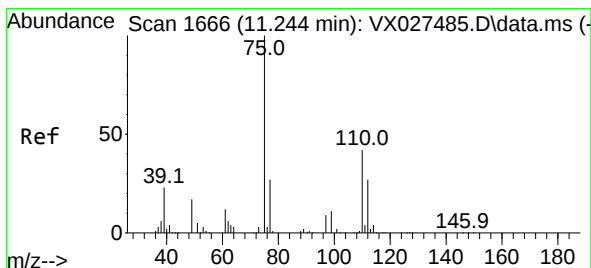
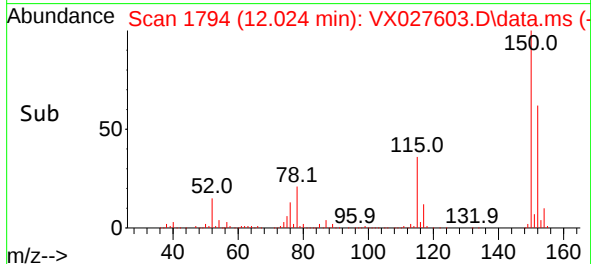
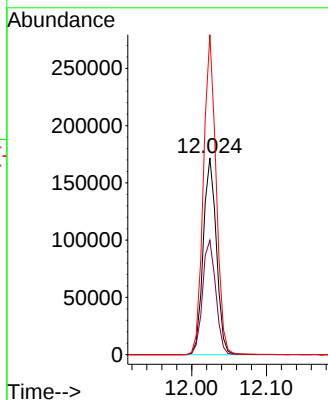
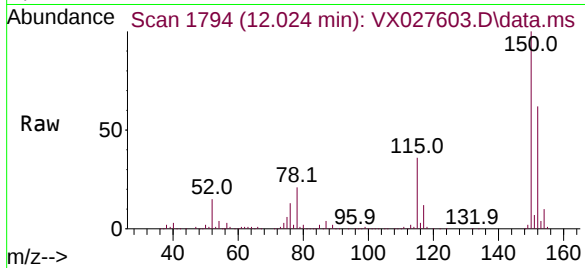




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

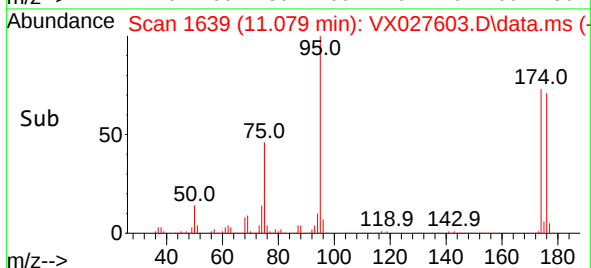
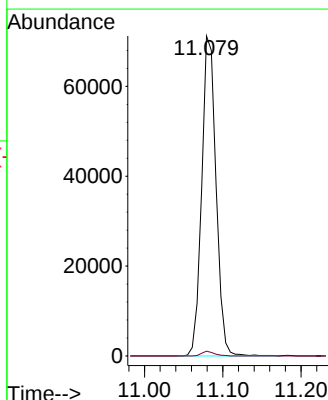
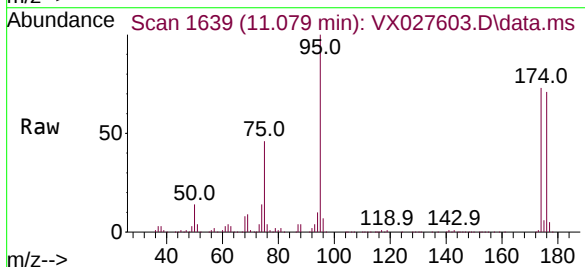
Instrument :
MSVOA_X
ClientSampleId :
RE-132D6-20220315DL

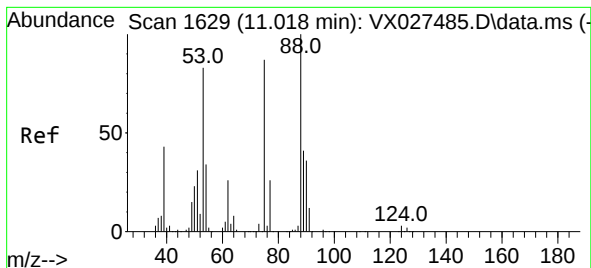
Tgt Ion:152 Resp: 209789
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 157.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027603.D
Acq: 21 Mar 2022 21:56

Tgt Ion: 75 Resp: 90427
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 62.585 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX027603.D

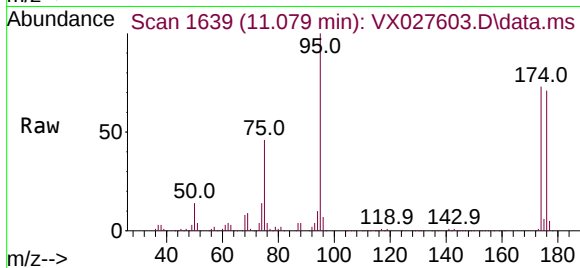
Acq: 21 Mar 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

RE-132D6-20220315DL



Tgt Ion: 75 Resp: 90427

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

