

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025508.D
 Acq On : 04 Dec 2021 02:03
 Operator : JC/MD
 Sample : M4923-16DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20211201DL

Quant Time: Dec 04 11:08:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

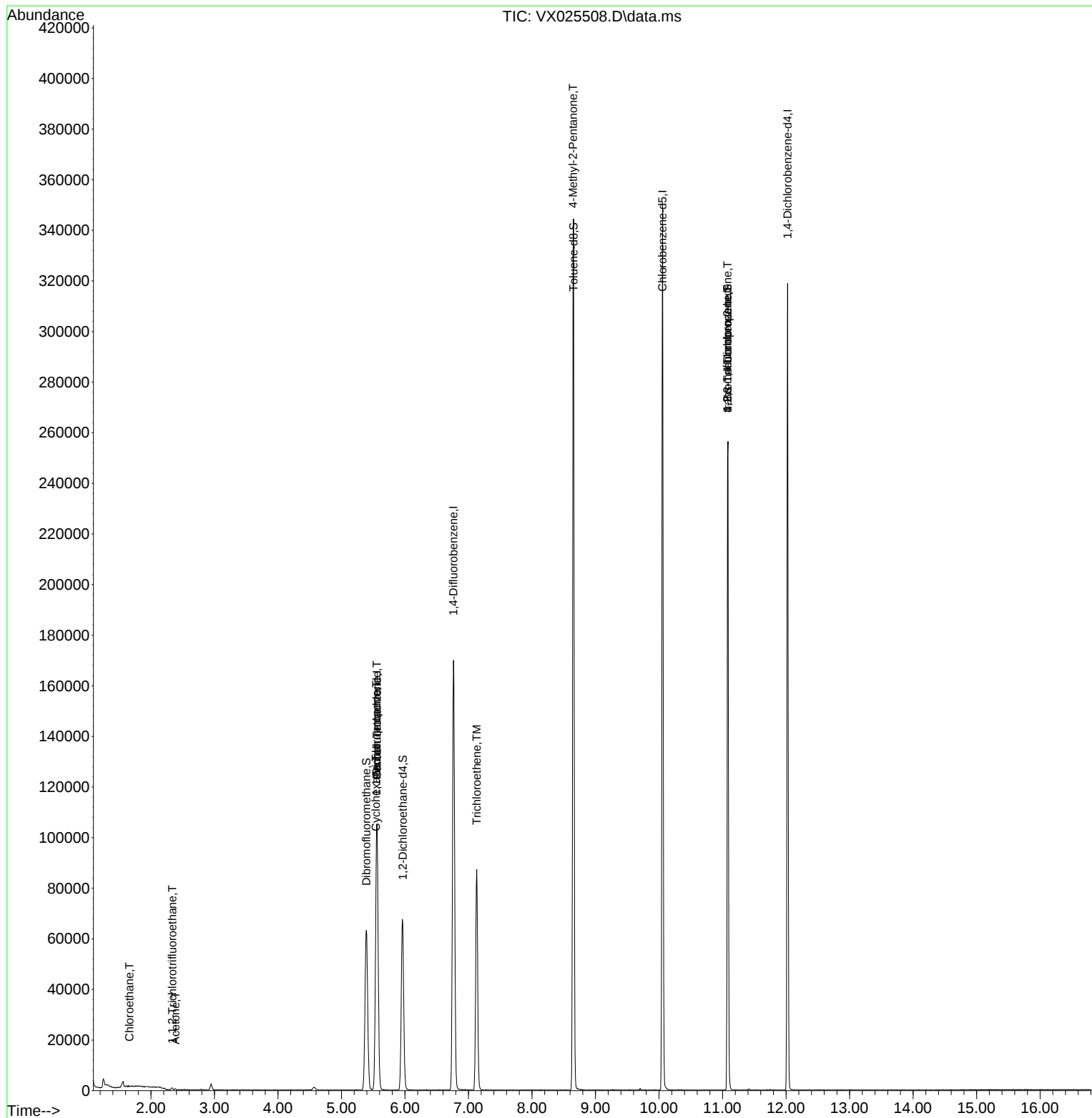
Internal Standards							
1) Pentafluorobenzene		5.556	168	106679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	182648	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	159919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	67758	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.964	65	64373	57.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.500%	
35) Dibromofluoromethane		5.391	113	56058	50.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%	
50) Toluene-d8		8.653	98	208487	49.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%	
62) 4-Bromofluorobenzene		11.079	95	69895	43.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.700%	
Target Compounds							
						Qvalue	
6) Chloroethane		1.660	64	184	0.212	ug/l #	43
9) 1,1,2-Trichlorotrifluo...		2.337	101	322	0.324	ug/l	93
11) Tert butyl alcohol		2.947	59	1398	Below Cal	#	72
16) Acetone		2.386	43	448	0.717	ug/l #	67
31) Cyclohexane		5.544	56	1977	1.138	ug/l #	18
36) 1,1-Dichloropropene		5.550	75	7348	4.611	ug/l #	50
38) Carbon Tetrachloride		5.556	117	10455	5.957	ug/l #	16
44) Trichloroethene		7.129	130	35475	25.297	ug/l	95
51) 4-Methyl-2-Pentanone		8.647	43	819	0.433	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	34366	24.768	ug/l #	37
81) trans-1,4-Dichloro-2-b...		11.079	75	34366	62.394	ug/l #	9

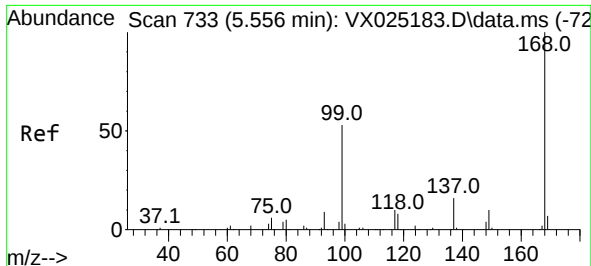
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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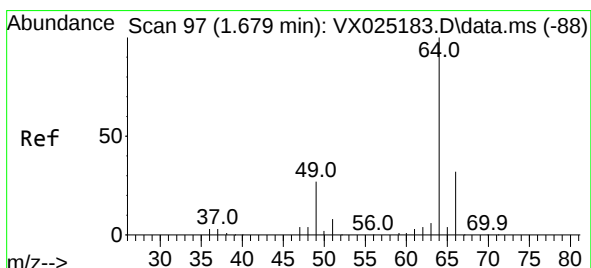
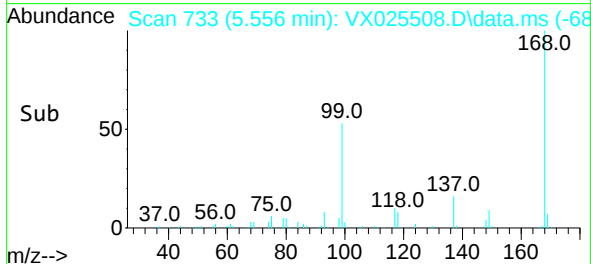
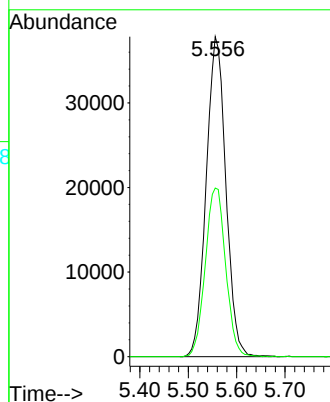
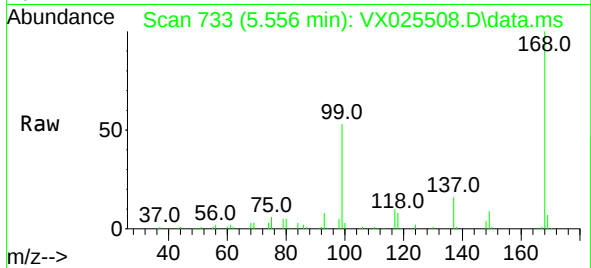




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

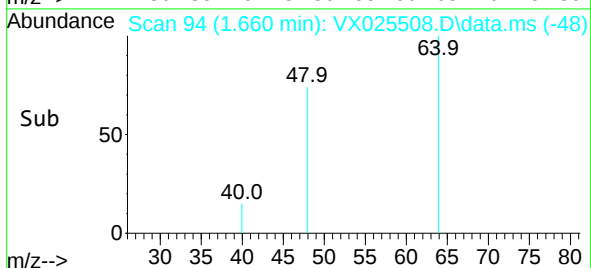
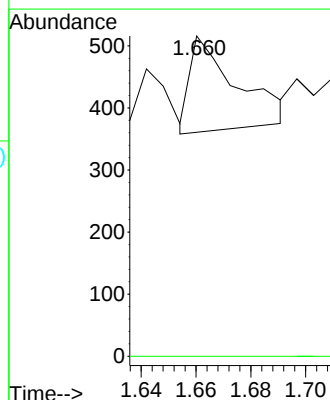
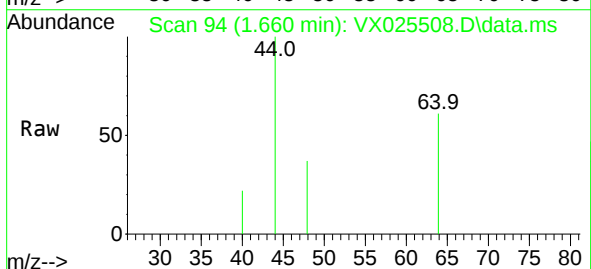
Instrument :
MSVOA_X
ClientSampleId :
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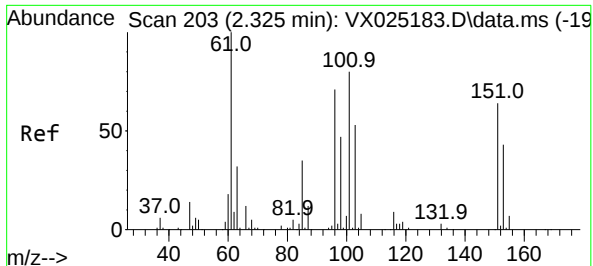
Tgt Ion:168 Resp: 106679
Ion Ratio Lower Upper
168 100
99 52.7 46.4 69.6



#6
Chloroethane
Concen: 0.212 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion: 64 Resp: 184
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

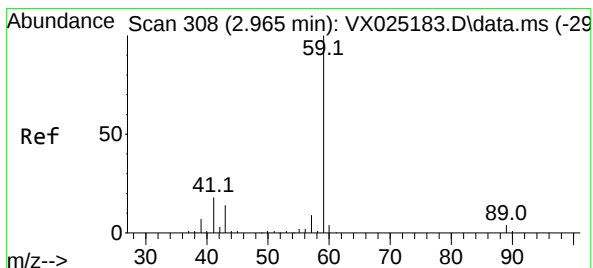
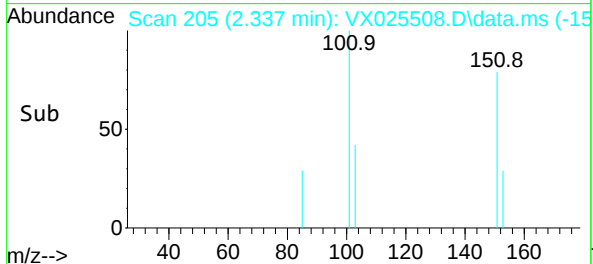
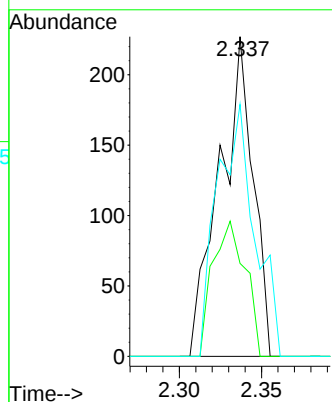
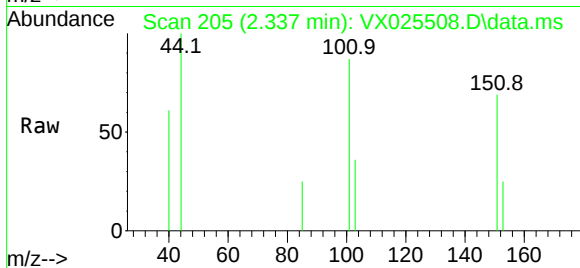




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.324 ug/l
RT: 2.337 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

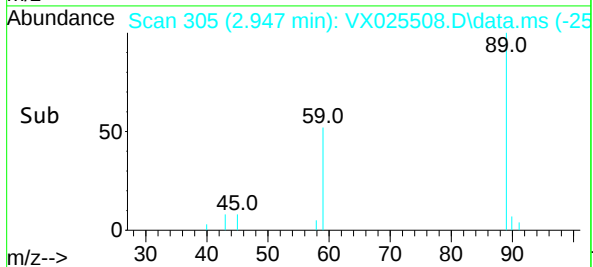
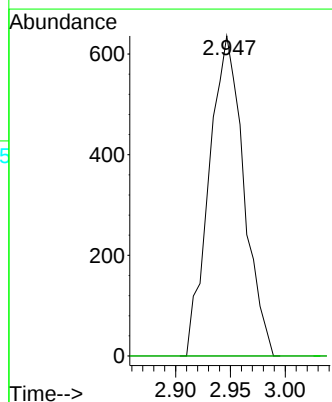
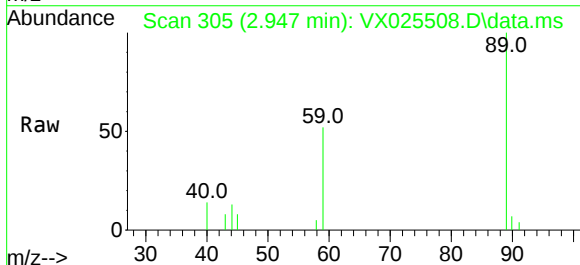
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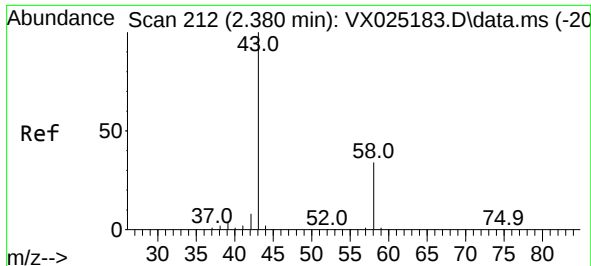
Tgt Ion:101 Resp: 322
Ion Ratio Lower Upper
101 100
85 41.0 35.9 53.9
151 87.9 64.4 96.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion: 59 Resp: 1398
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

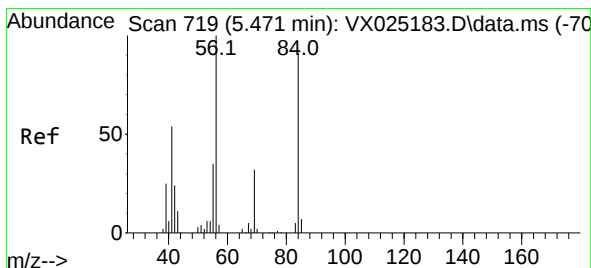
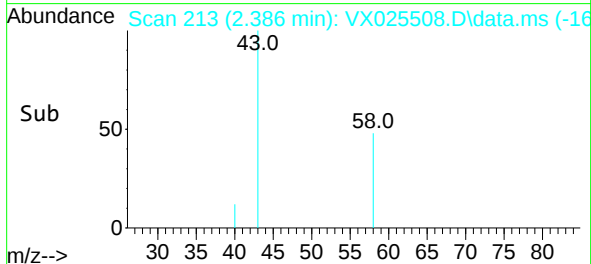
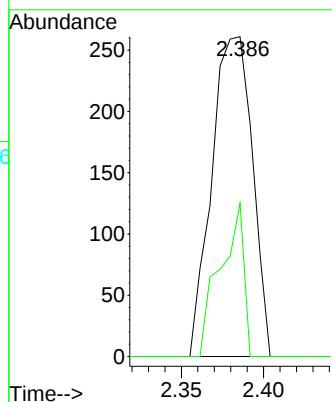
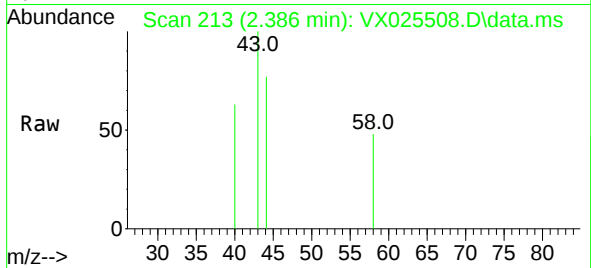




#16
Acetone
Concen: 0.717 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

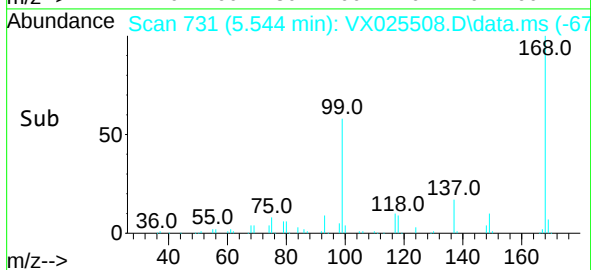
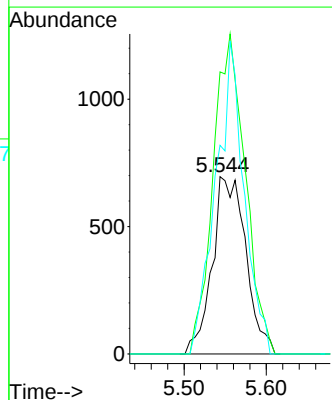
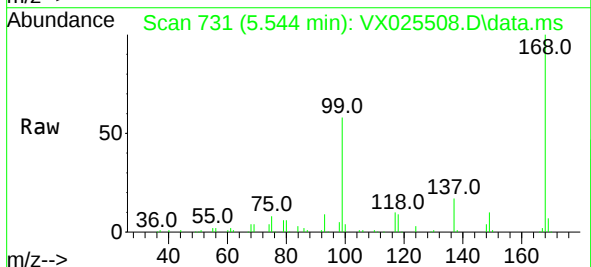
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20211201DL

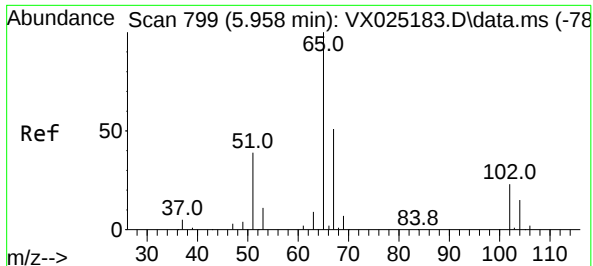
Tgt Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
58 47.9 24.0 36.0#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion: 56 Resp: 1977
Ion Ratio Lower Upper
56 100
69 159.1 24.2 36.2#
84 117.7 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 57.247 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025508.D

Acq: 04 Dec 2021 02:03

Instrument :

MSVOA_X

ClientSampleId :

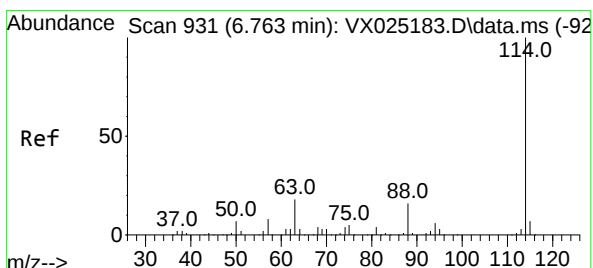
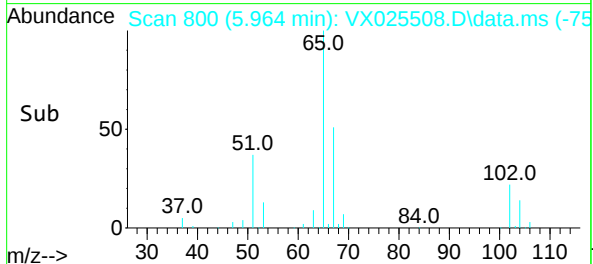
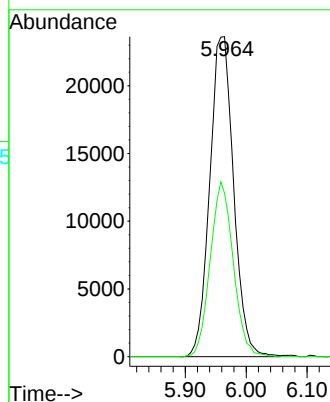
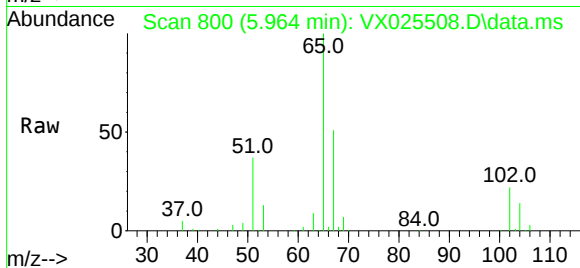
RE105D2-20211201DL

Tgt Ion: 65 Resp: 64373

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025508.D

Acq: 04 Dec 2021 02:03

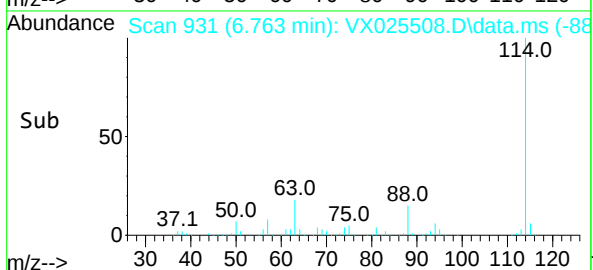
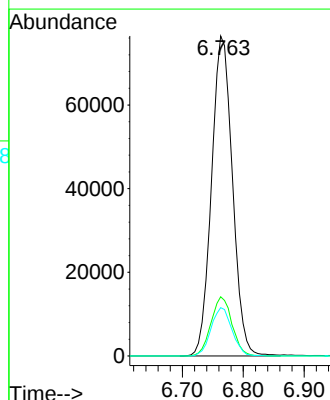
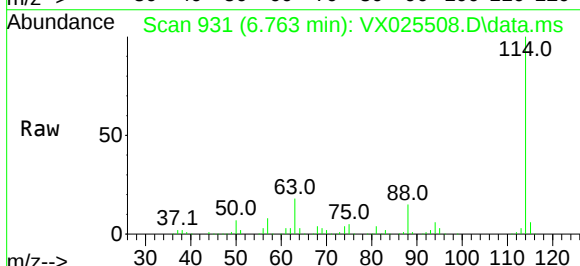
Tgt Ion: 114 Resp: 182648

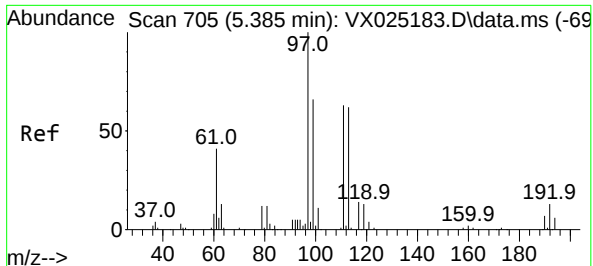
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.0

88 15.1 0.0 34.8

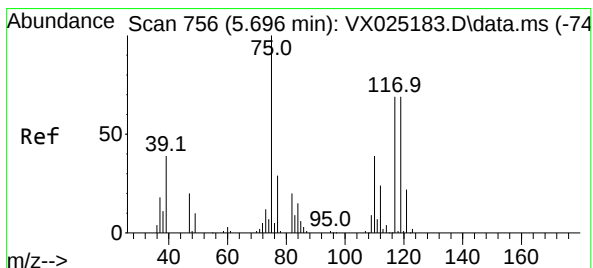
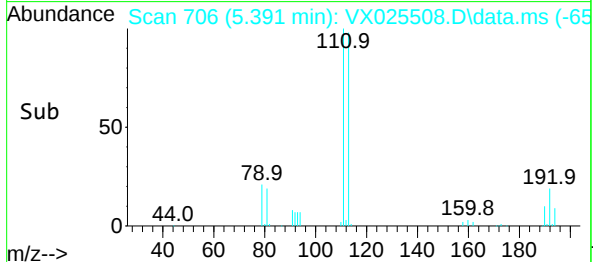
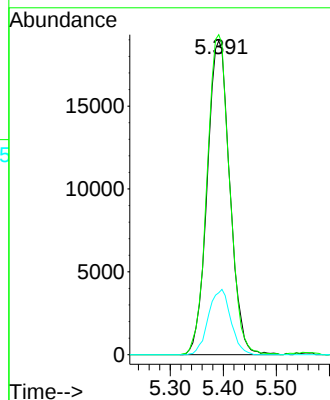
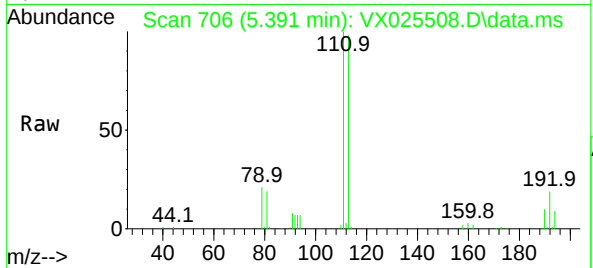




#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

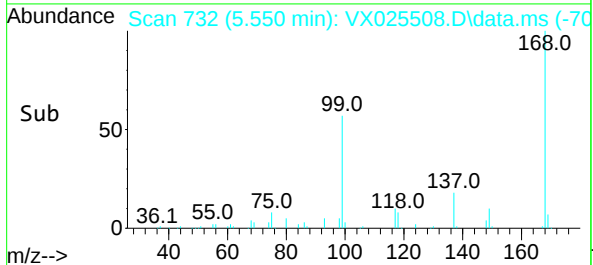
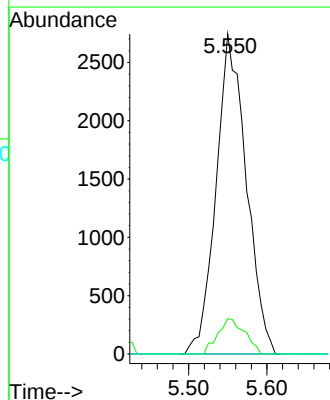
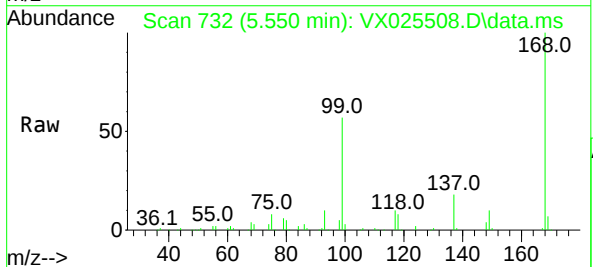
Instrument :
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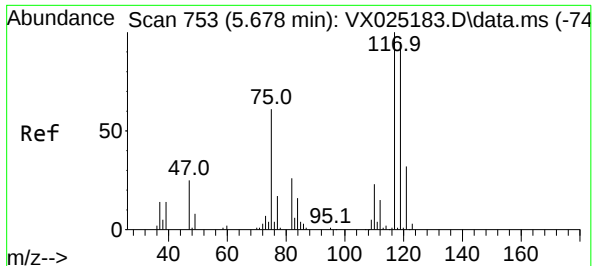
Tgt Ion:113 Resp: 56058
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 20.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

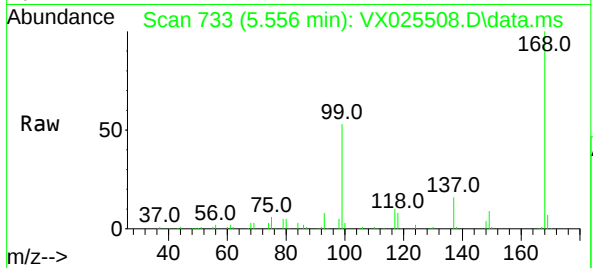
Tgt Ion: 75 Resp: 7348
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.4 36.6#



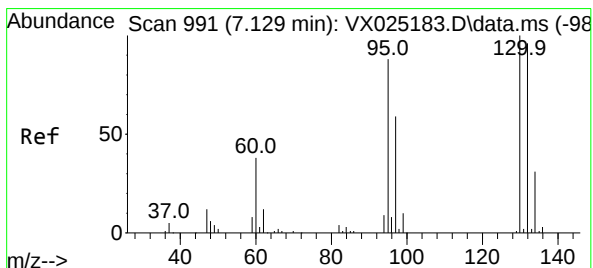
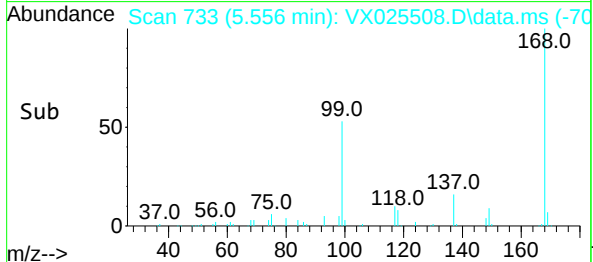
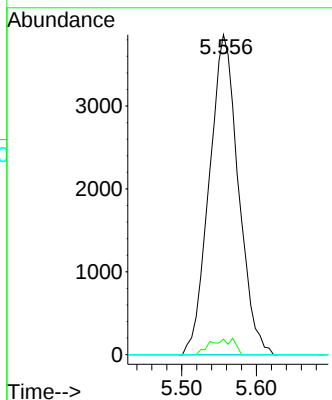


#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Instrument :
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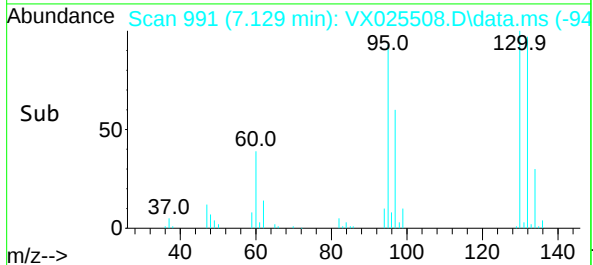
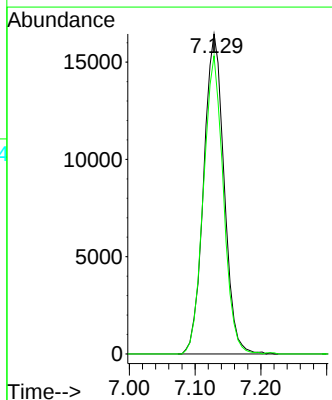
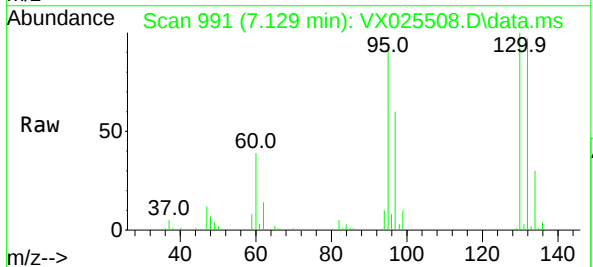


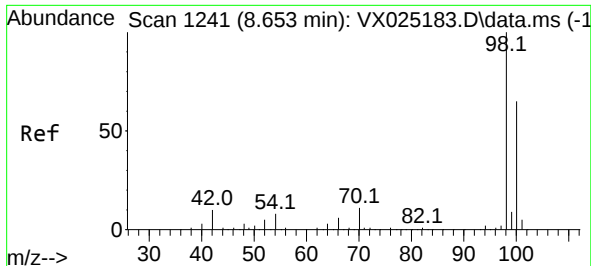
Tgt Ion:117 Resp: 10455
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 23.7 35.5#



#44
Trichloroethene
Concen: 25.297 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion:130 Resp: 35475
Ion Ratio Lower Upper
130 100
95 93.1 0.0 196.8

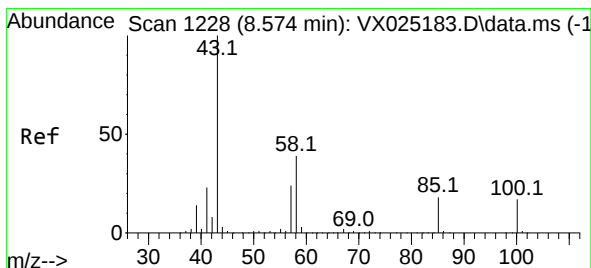
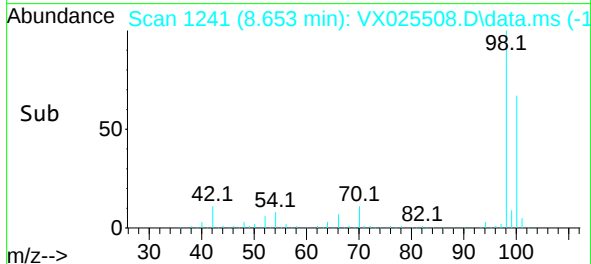
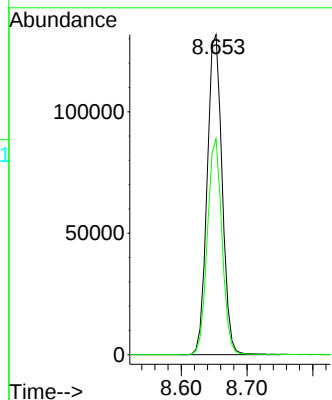
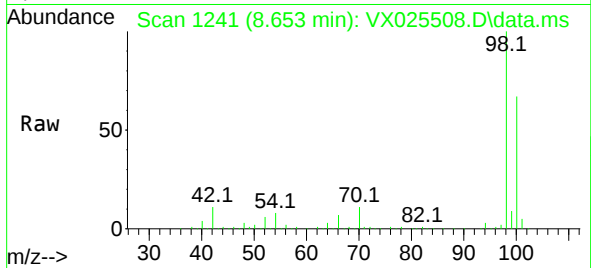




#50
Toluene-d8
Concen: 49.480 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

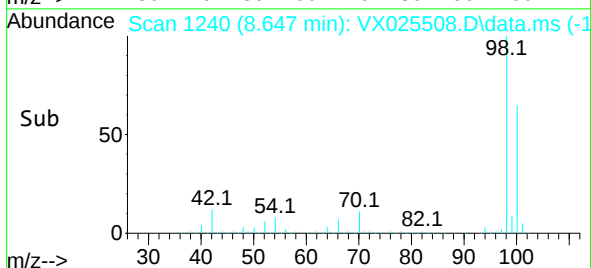
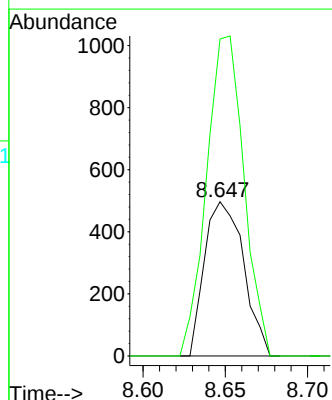
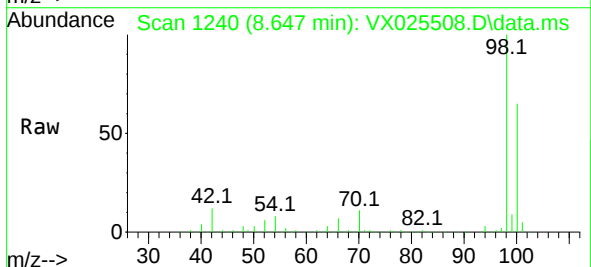
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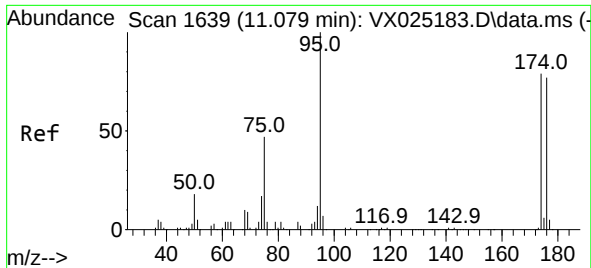
Tgt Ion: 98 Resp: 208487
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
58 198.8 30.9 46.3#

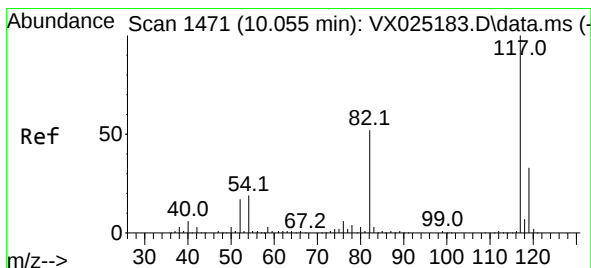
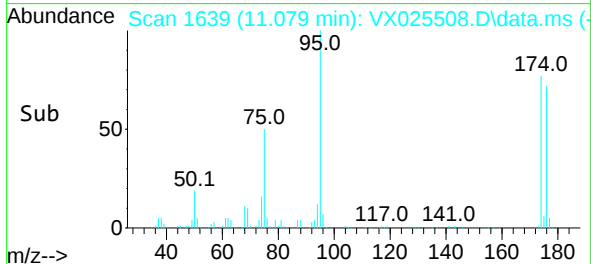
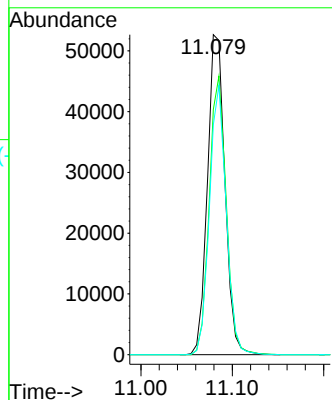
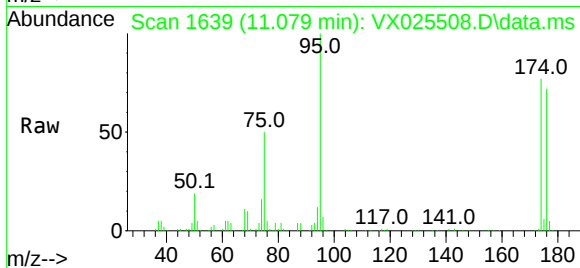




#62
4-Bromofluorobenzene
Concen: 43.848 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

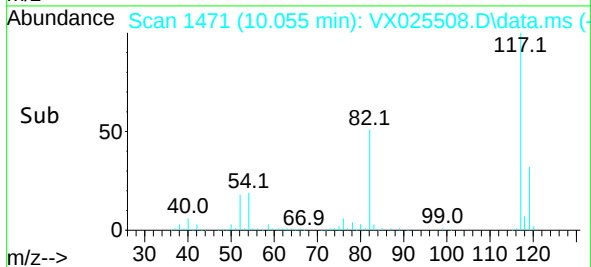
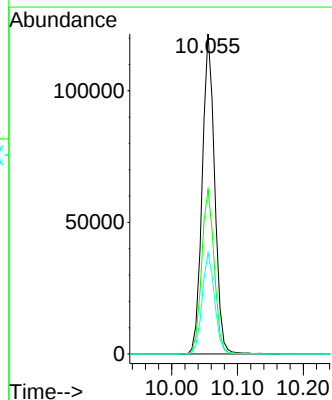
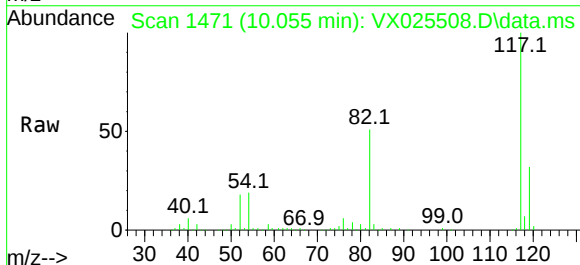
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20211201DL

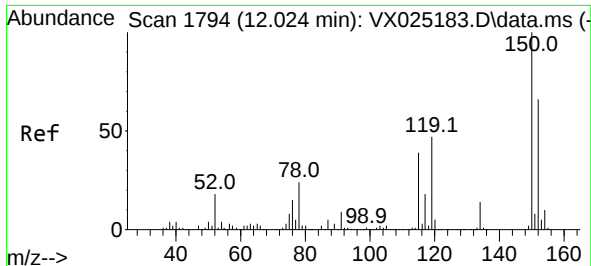
Tgt Ion: 95 Resp: 69895
Ion Ratio Lower Upper
95 100
174 84.5 0.0 158.0
176 80.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Tgt Ion: 117 Resp: 159919
Ion Ratio Lower Upper
117 100
82 51.4 44.6 67.0
119 31.6 24.8 37.2

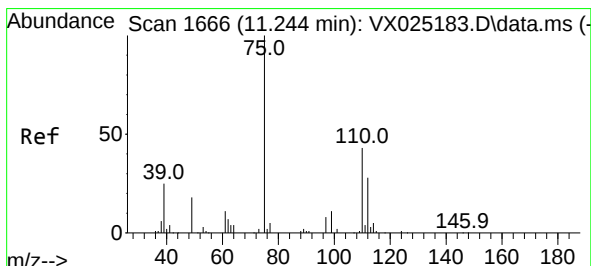
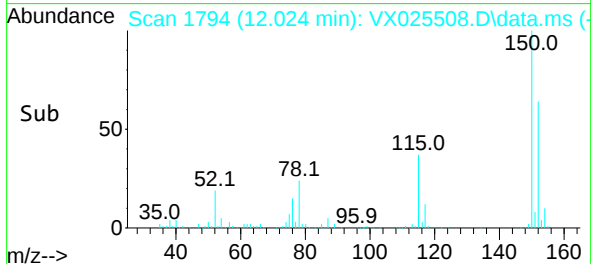
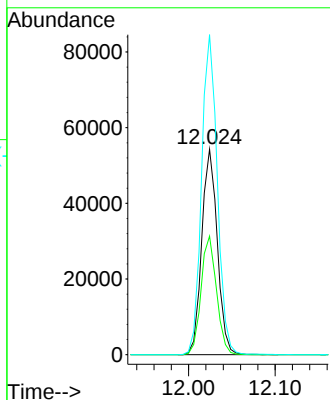
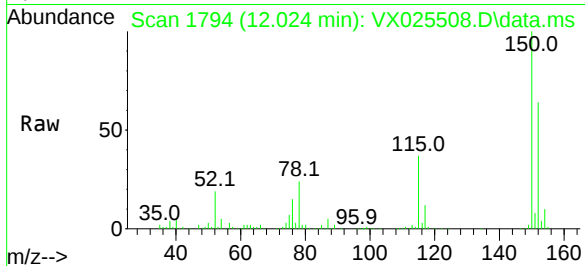




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025508.D
 Acq: 04 Dec 2021 02:03

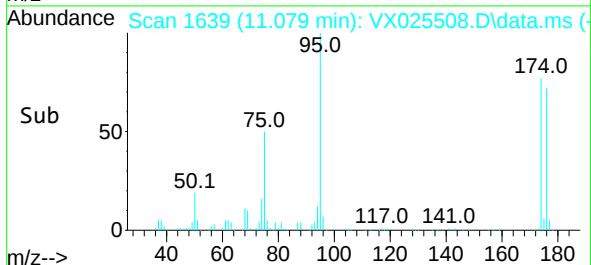
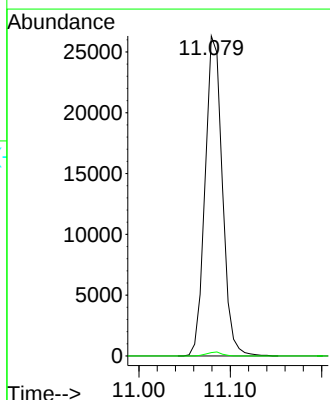
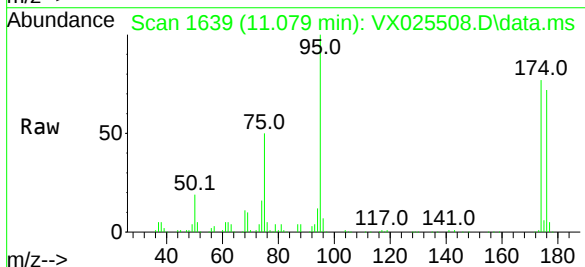
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20211201DL

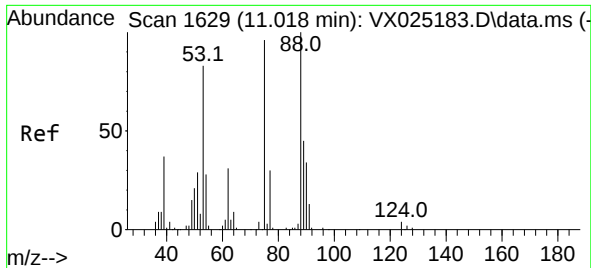
Tgt Ion:152 Resp: 67758
 Ion Ratio Lower Upper
 152 100
 115 57.1 43.3 129.8
 150 157.5 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.768 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025508.D
 Acq: 04 Dec 2021 02:03

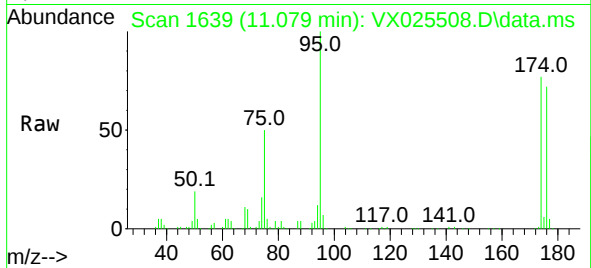
Tgt Ion: 75 Resp: 34366
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.394 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX025508.D
Acq: 04 Dec 2021 02:03

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20211201DL



Tgt Ion: 75 Resp: 34366
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

