

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029625.D
 Acq On : 20 Jun 2022 16:03
 Operator : JC/MD
 Sample : N3290-16DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D2DL

Quant Time: Jun 21 01:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

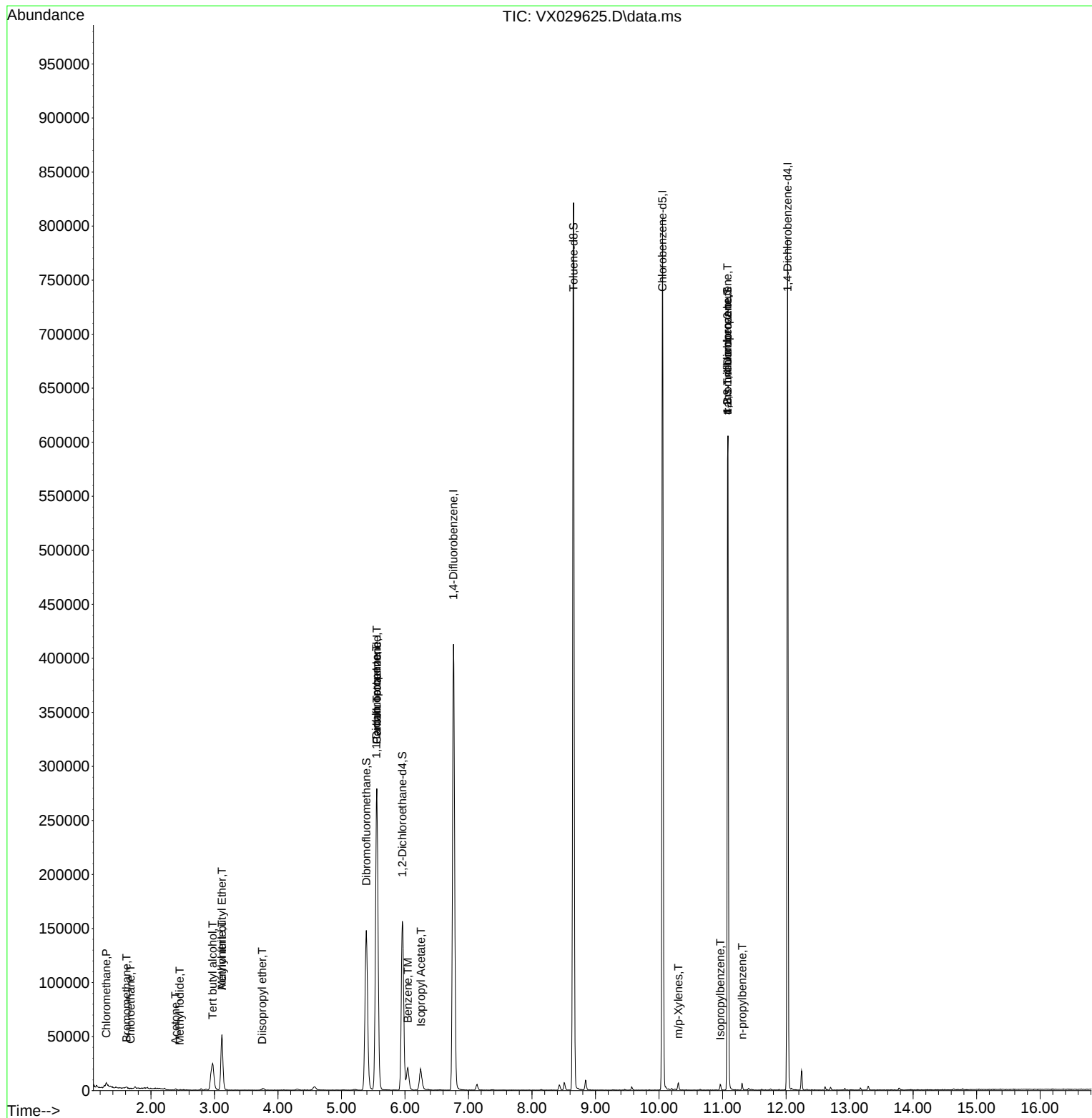
Internal Standards						
1) Pentafluorobenzene	5.556	168	263610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152130	43.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.200%
35) Dibromofluoromethane	5.391	113	132205	45.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.540%
50) Toluene-d8	8.653	98	499918	47.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.740%
62) 4-Bromofluorobenzene	11.079	95	177247	44.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1006	0.293	ug/l	100
5) Bromomethane	1.617	94	661	0.409	ug/l	88
6) Chloroethane	1.678	64	64	1.318	ug/l #	43
10) Methyl Iodide	2.453	142	391	3.134	ug/l #	91
11) Tert butyl alcohol	2.971	59	38219	42.582	ug/l	97
15) Acrylonitrile	3.117	53	529	0.324	ug/l #	13
16) Acetone	2.386	43	1123	0.807	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	59688	6.438	ug/l	99
22) Diisopropyl ether	3.751	45	1742	0.204	ug/l #	75
36) 1,1-Dichloropropene	5.550	75	20570	5.261	ug/l #	49
38) Carbon Tetrachloride	5.556	117	27111	7.052	ug/l #	15
40) Benzene	6.044	78	25211	2.175	ug/l	93
43) Isopropyl Acetate	6.251	43	4939	0.793	ug/l #	56
44) Trichloroethene	7.135	130	2171	Below Cal		93
68) m/p-Xylenes	10.305	106	1485	0.281	ug/l	93
73) Isopropylbenzene	10.963	105	3100	0.255	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	86375	24.483	ug/l #	38
78) n-propylbenzene	11.311	91	4273	0.312	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	86375	81.448	ug/l #	15

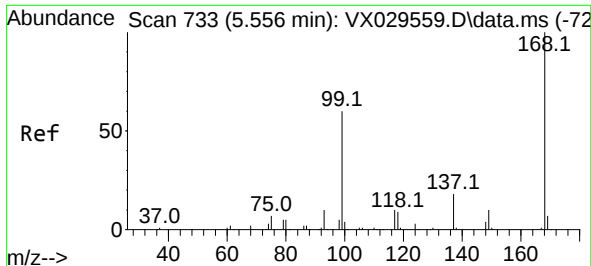
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029625.D
Acq On : 20 Jun 2022 16:03
Operator : JC/MD
Sample : N3290-16DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

Quant Time: Jun 21 01:51:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

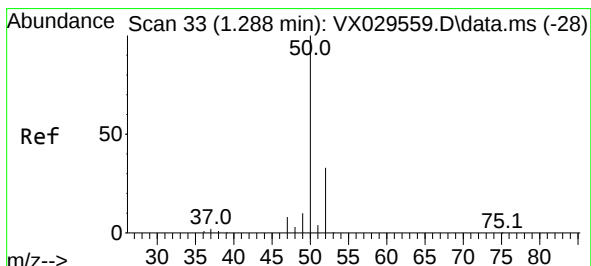
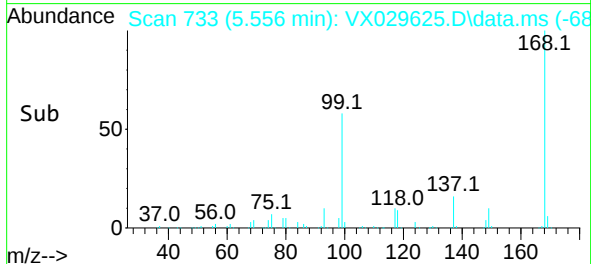
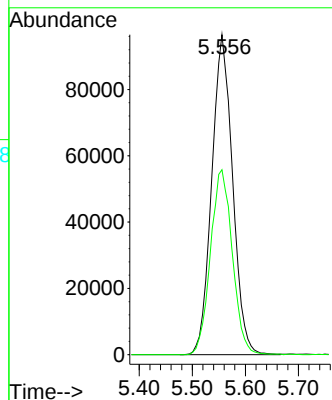
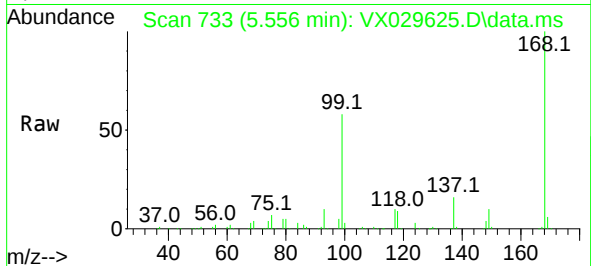




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

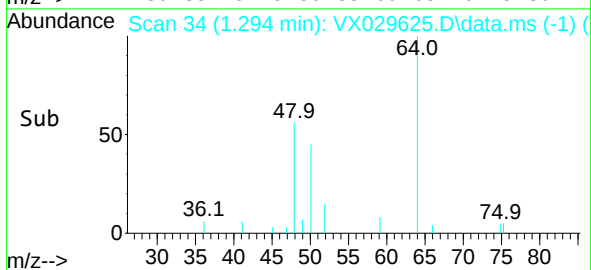
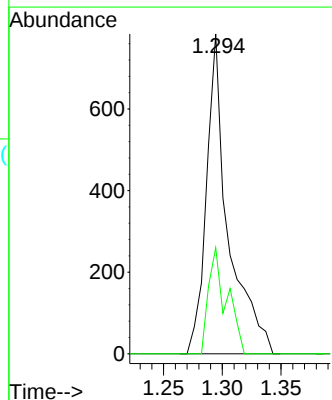
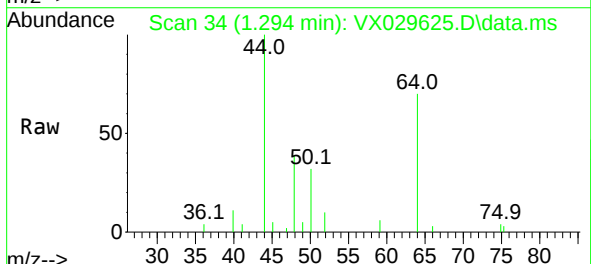
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

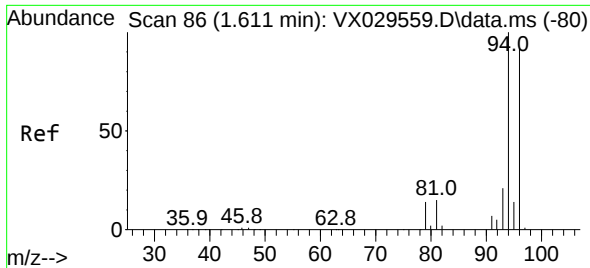
Tgt Ion:168 Resp: 263610
Ion Ratio Lower Upper
168 100
99 57.8 41.7 62.5



#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 50 Resp: 1006
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6

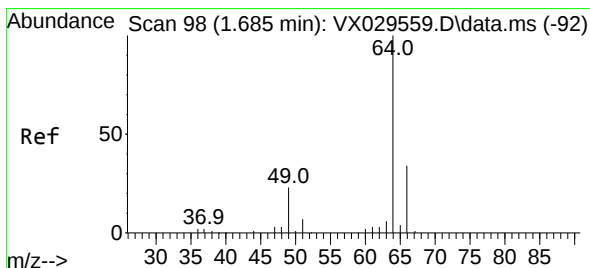
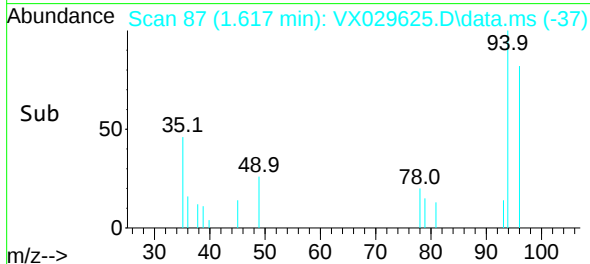
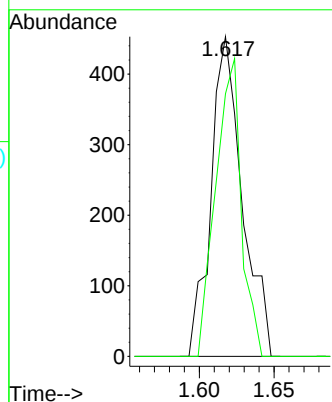
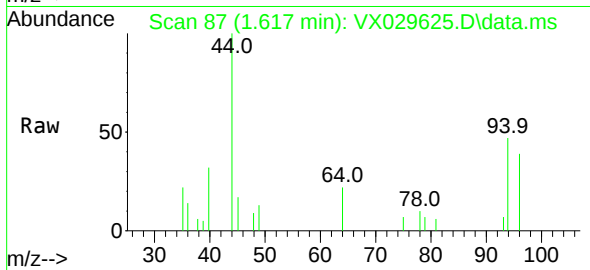




#5
Bromomethane
Concen: 0.409 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

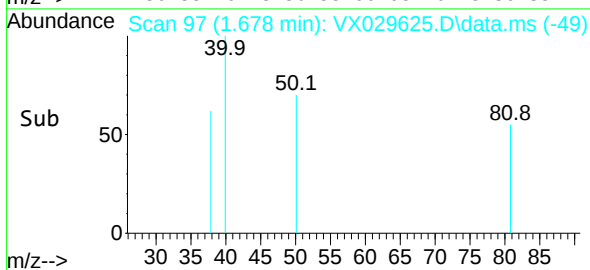
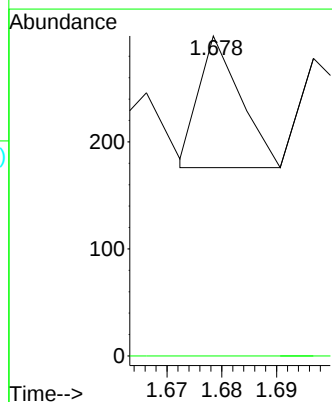
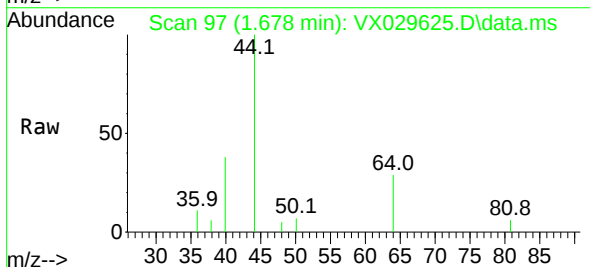
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

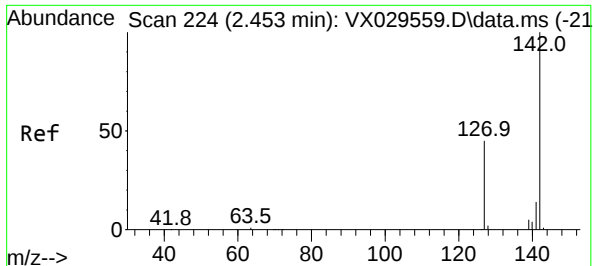
Tgt Ion: 94 Resp: 661
Ion Ratio Lower Upper
94 100
96 82.1 75.3 112.9



#6
Chloroethane
Concen: 1.318 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

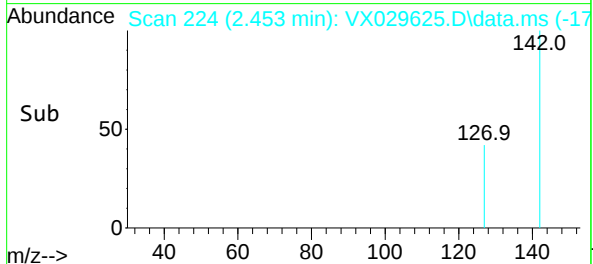
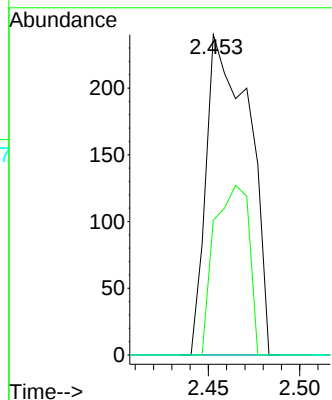
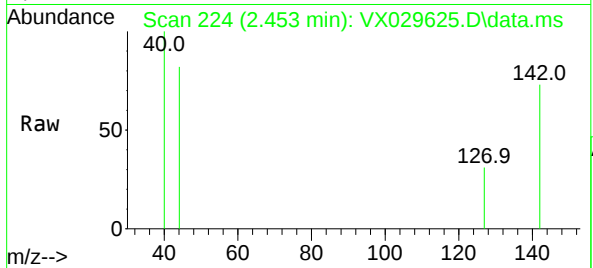




#10
Methyl Iodide
Concen: 3.134 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

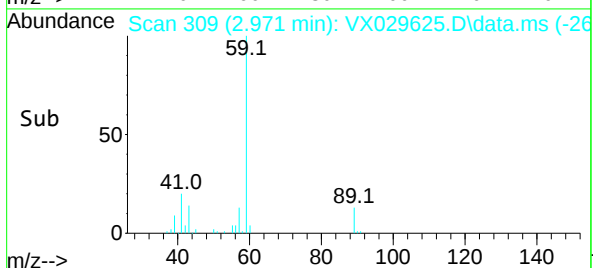
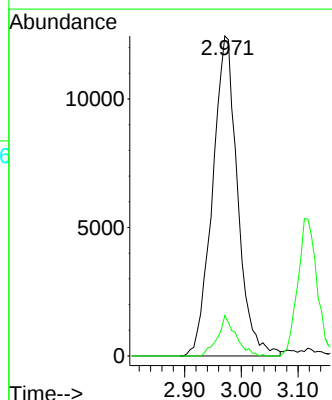
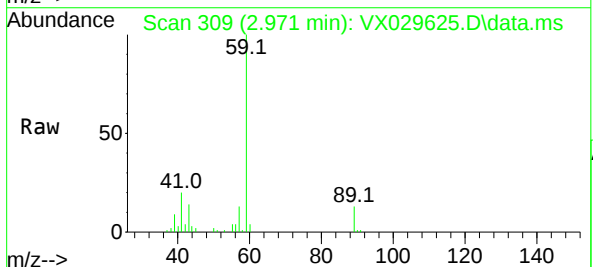
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

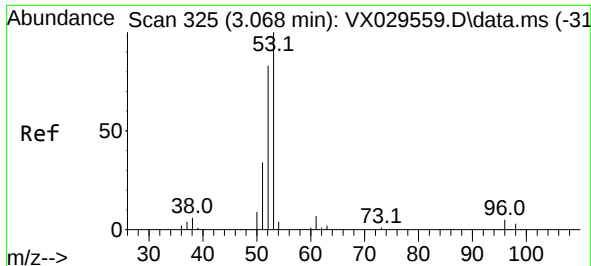
Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
127 42.7 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 42.582 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 59 Resp: 38219
Ion Ratio Lower Upper
59 100
57 9.2 8.3 12.5





#15

Acrylonitrile

Concen: 0.324 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX029625.D

Acq: 20 Jun 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

MW-28D2DL

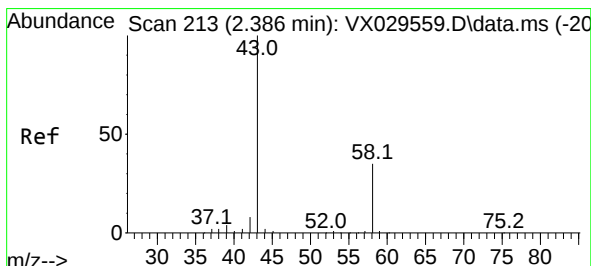
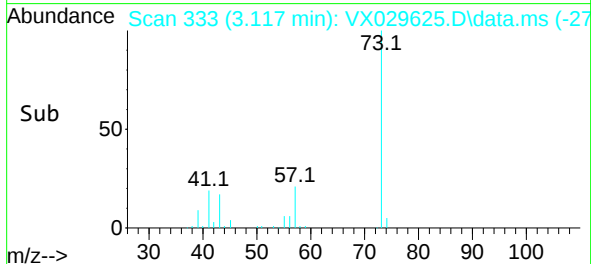
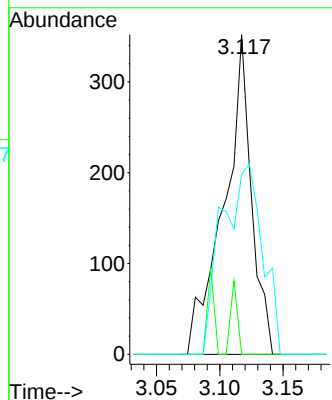
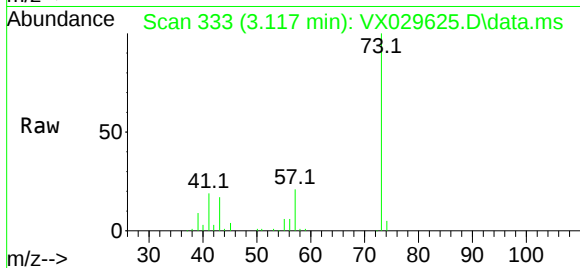
Tgt Ion: 53 Resp: 529

Ion Ratio Lower Upper

53 100

52 5.7 65.7 98.5#

51 88.5 28.4 42.6#



#16

Acetone

Concen: 0.807 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029625.D

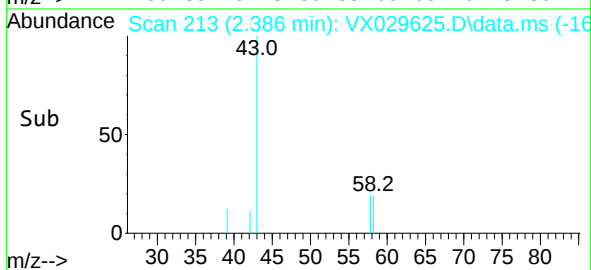
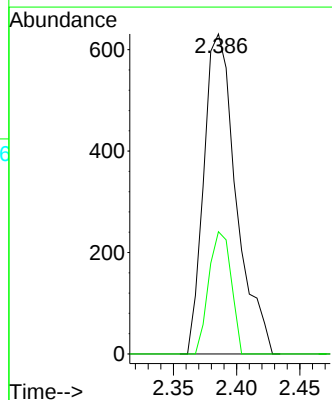
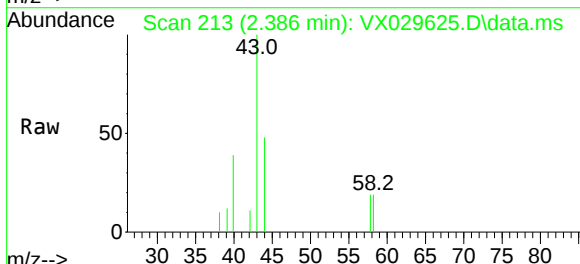
Acq: 20 Jun 2022 16:03

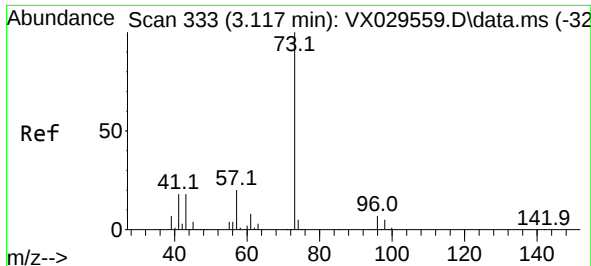
Tgt Ion: 43 Resp: 1123

Ion Ratio Lower Upper

43 100

58 38.2 28.8 43.2

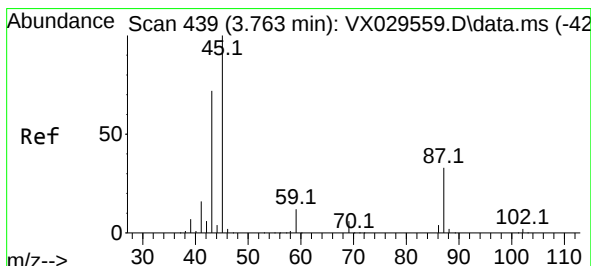
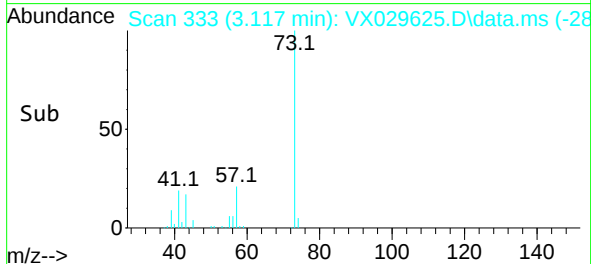
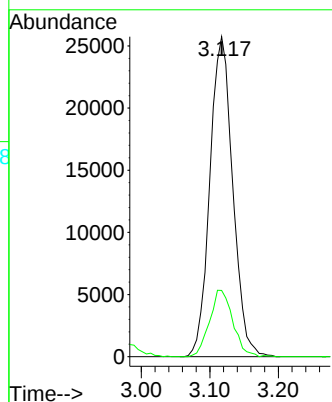
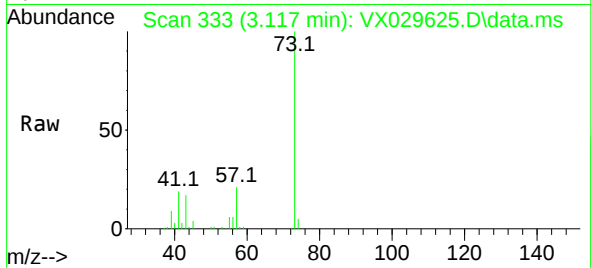




#19
Methyl tert-butyl Ether
Concen: 6.438 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

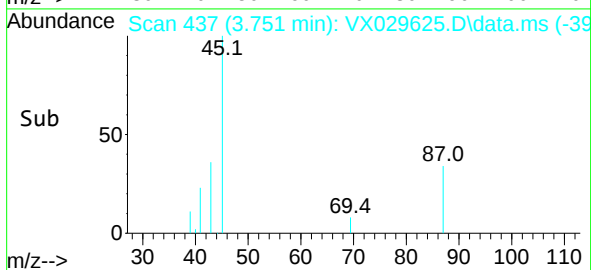
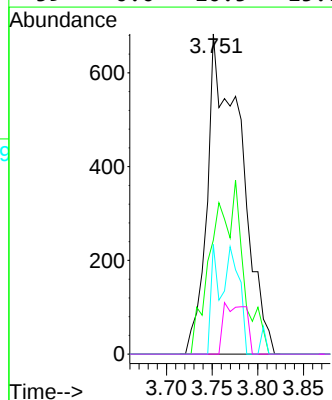
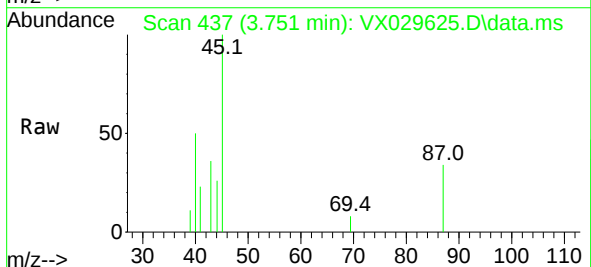
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

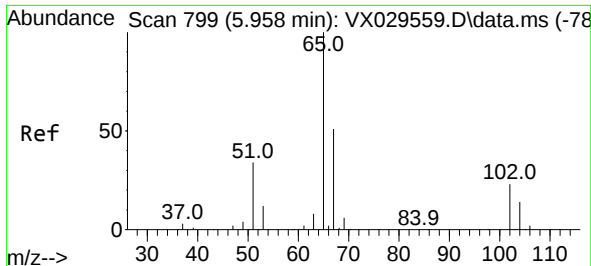
Tgt Ion: 73 Resp: 59688
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#22
Diisopropyl ether
Concen: 0.204 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 45 Resp: 1742
Ion Ratio Lower Upper
45 100
43 35.6 50.8 76.2#
87 34.3 26.6 39.8
59 0.0 10.5 15.7#

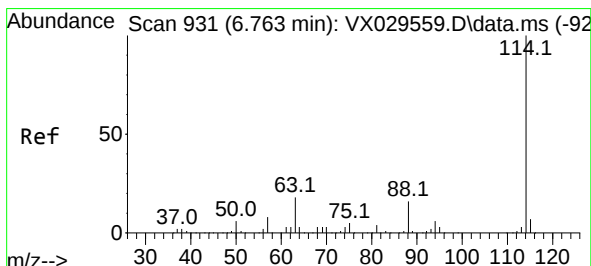
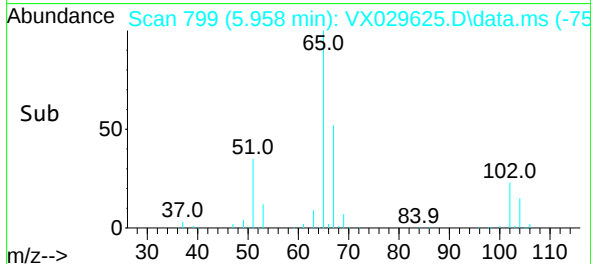
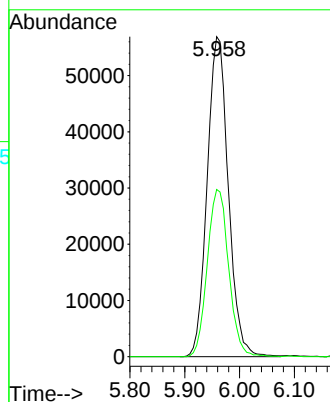
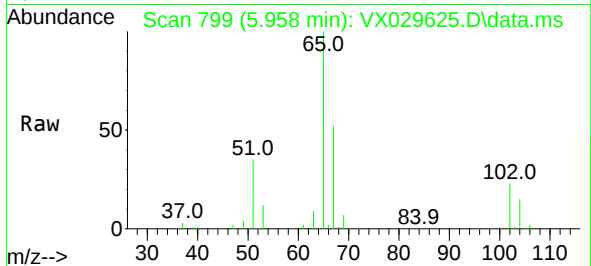




#33
 1,2-Dichloroethane-d4
 Concen: 43.597 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029625.D
 Acq: 20 Jun 2022 16:03

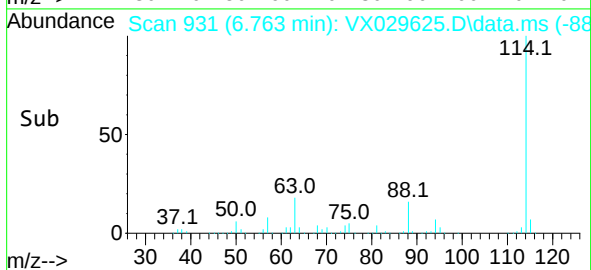
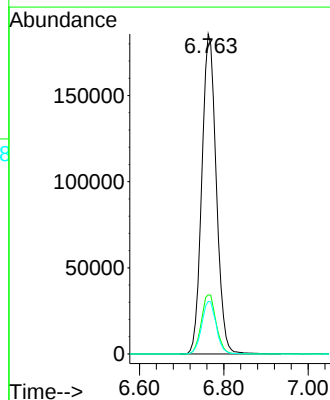
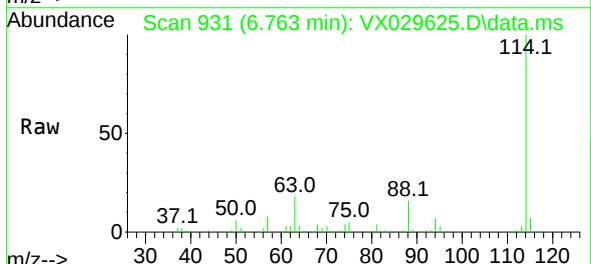
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D2DL

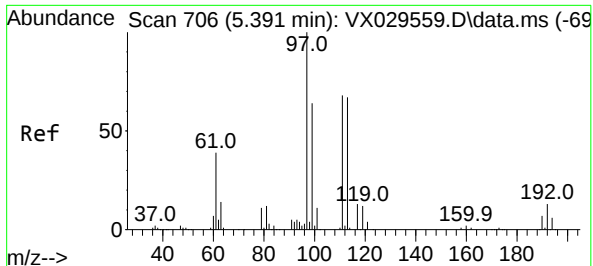
Tgt Ion: 65 Resp: 152130
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029625.D
 Acq: 20 Jun 2022 16:03

Tgt Ion: 114 Resp: 443248
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 16.4 0.0 32.4

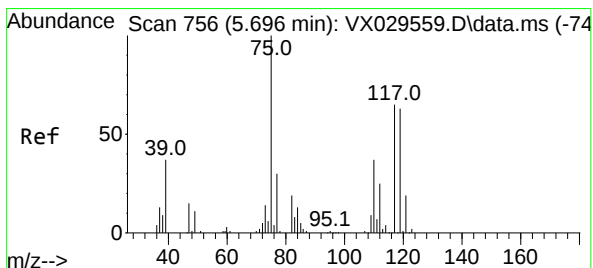
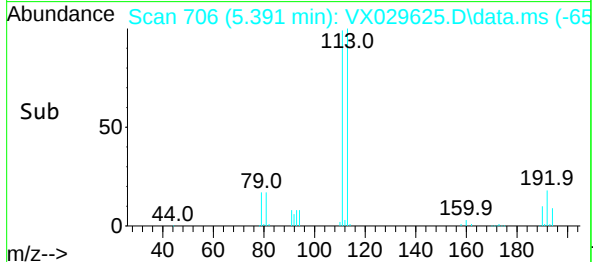
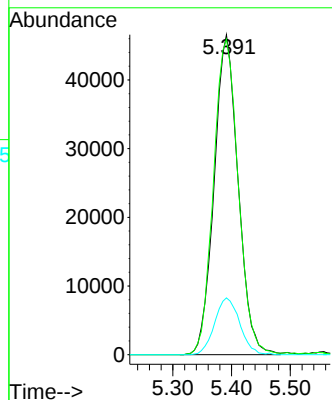
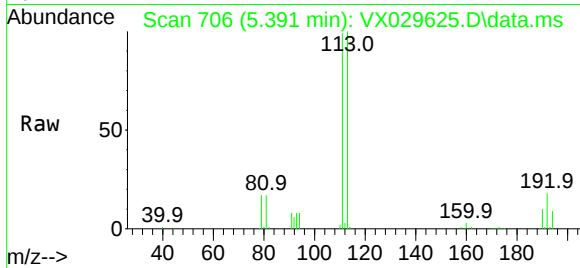




#35
Dibromofluoromethane
Concen: 45.768 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

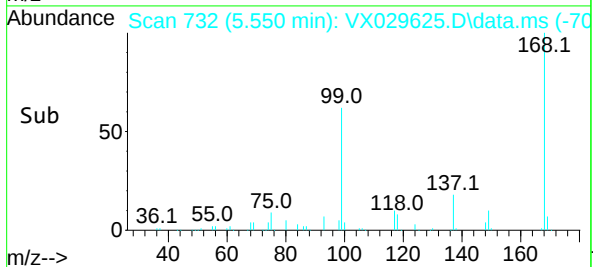
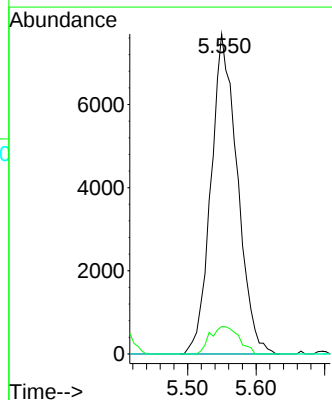
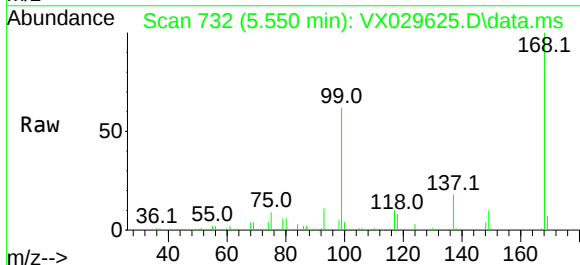
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

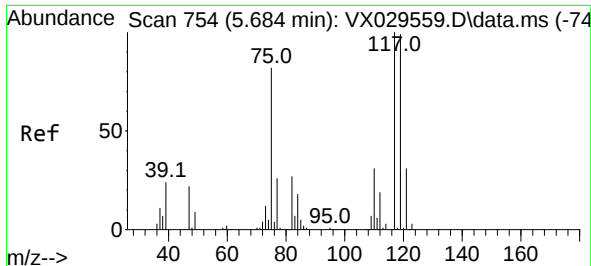
Tgt Ion:113 Resp: 132205
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 75 Resp: 20570
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#

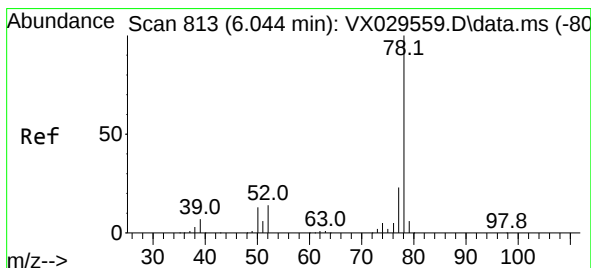
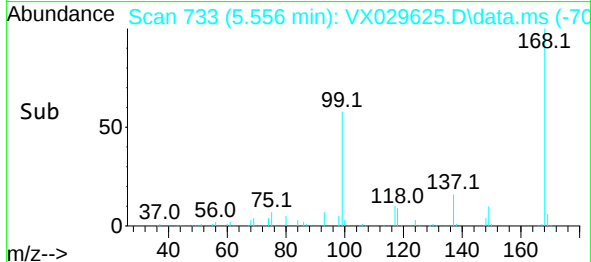
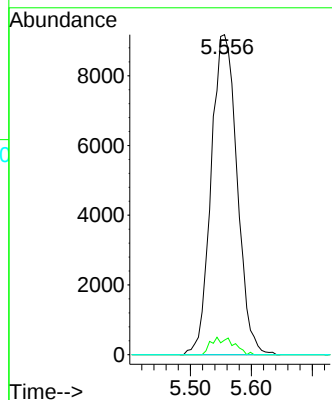
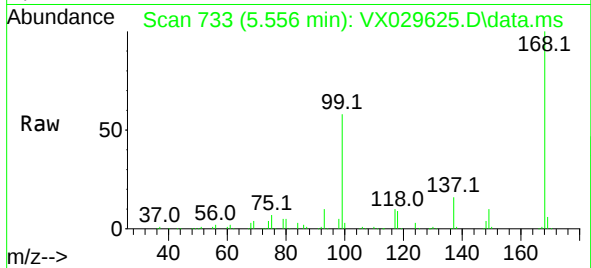




#38
Carbon Tetrachloride
Concen: 7.052 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

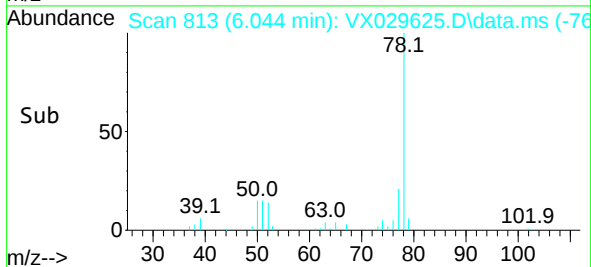
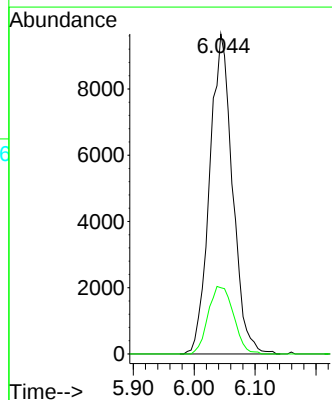
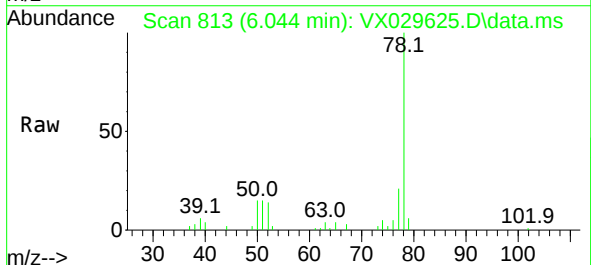
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

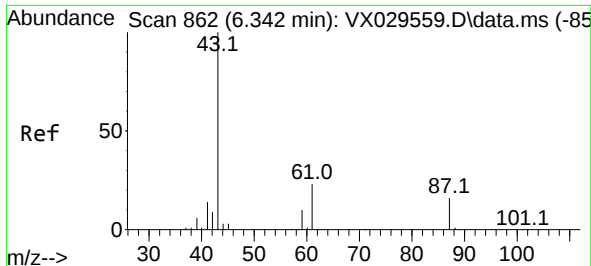
Tgt Ion:117 Resp: 27111
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 2.175 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 78 Resp: 25211
Ion Ratio Lower Upper
78 100
77 20.7 19.3 28.9

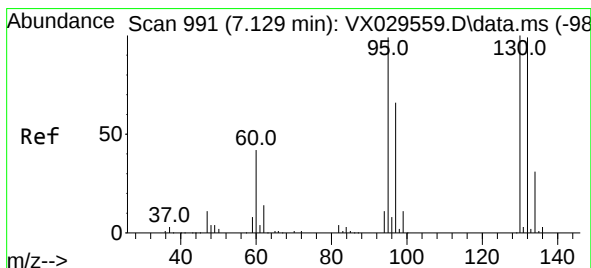
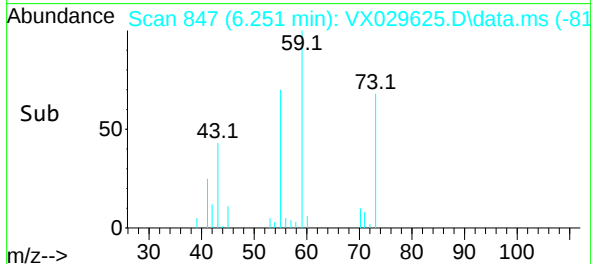
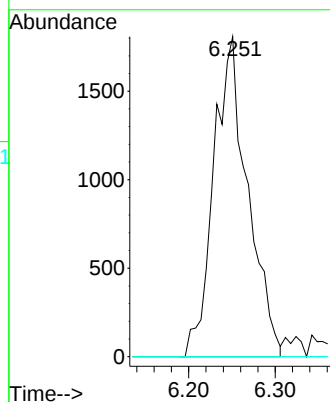
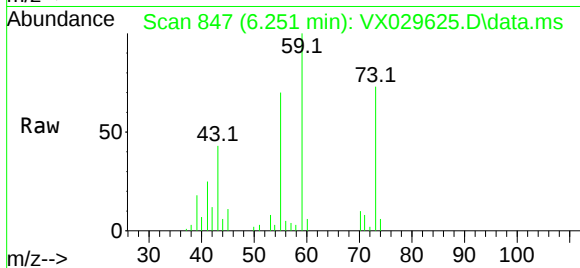




#43
Isopropyl Acetate
Concen: 0.793 ug/l
RT: 6.251 min Scan# 847
Delta R.T. -0.091 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

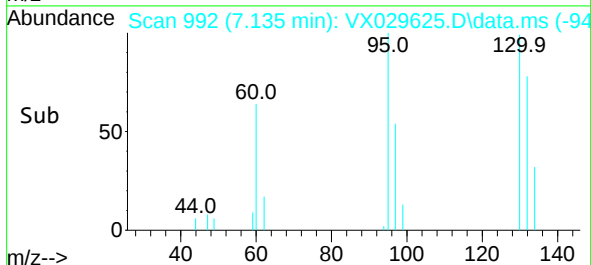
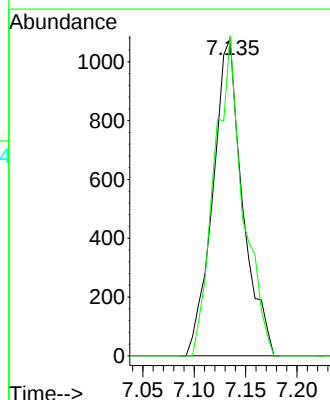
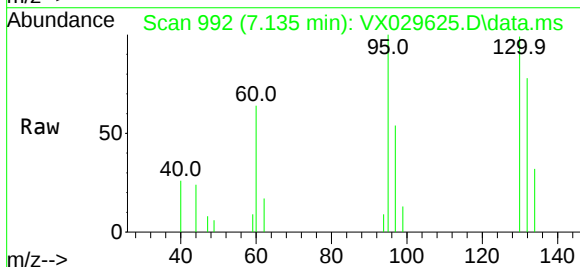
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

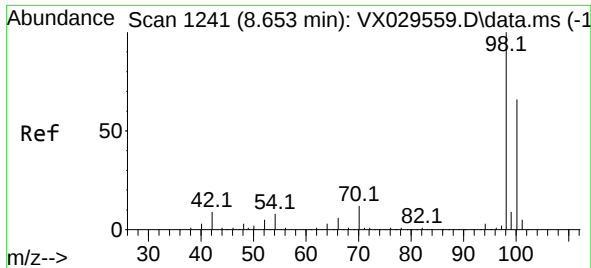
Tgt Ion: 43 Resp: 4939
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion:130 Resp: 2171
Ion Ratio Lower Upper
130 100
95 100.7 0.0 188.8

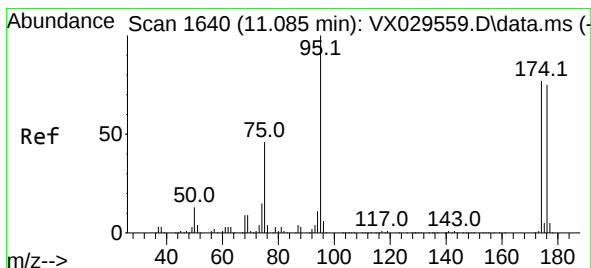
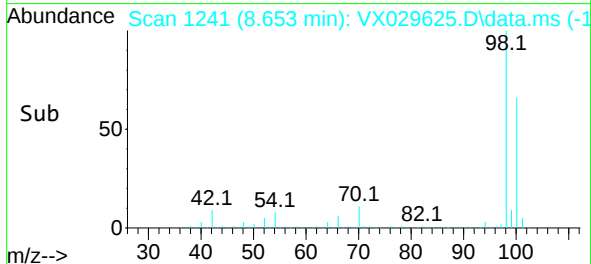
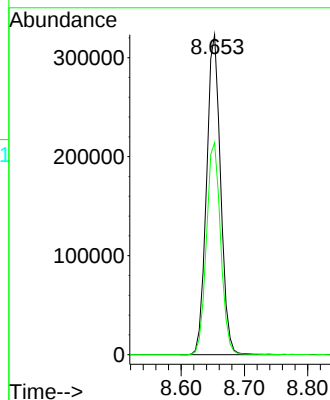
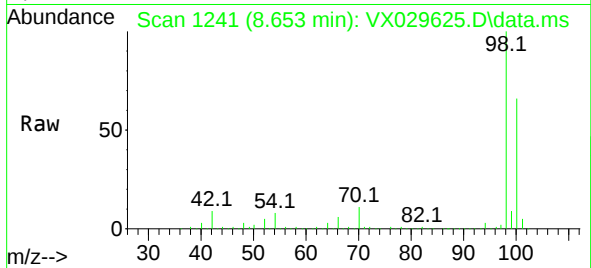




#50
Toluene-d8
Concen: 47.374 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

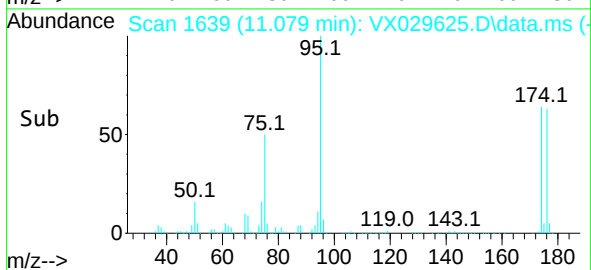
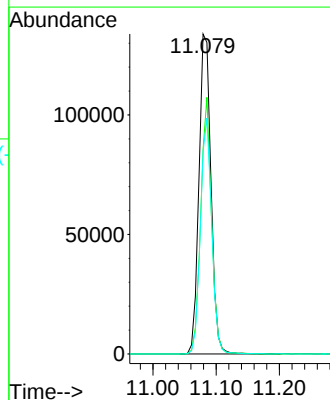
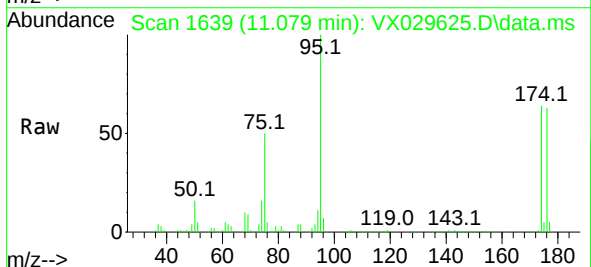
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

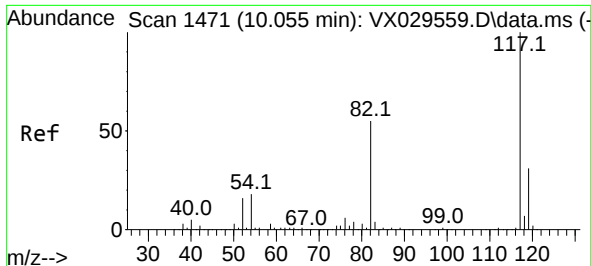
Tgt Ion: 98 Resp: 499918
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 95 Resp: 177247
Ion Ratio Lower Upper
95 100
174 72.2 0.0 163.0
176 69.3 0.0 155.0

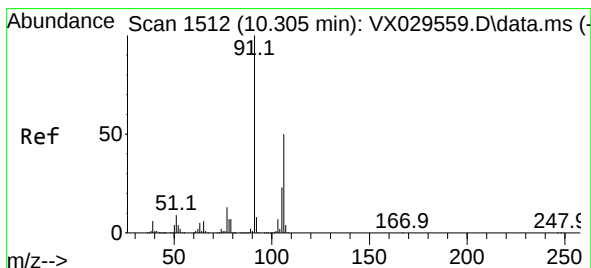
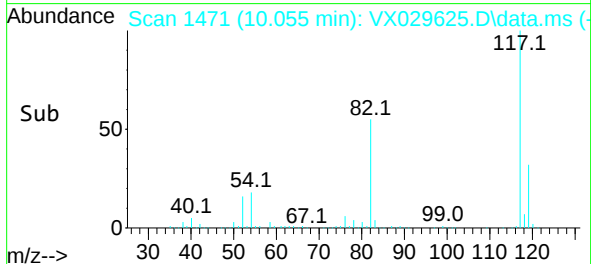
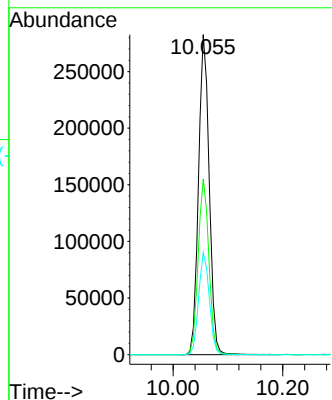
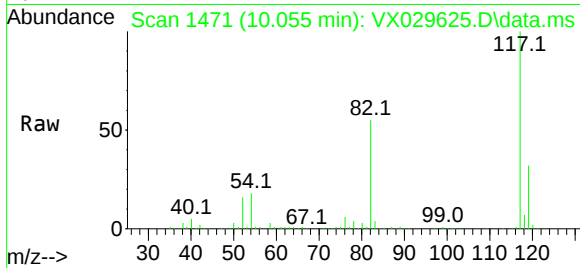




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

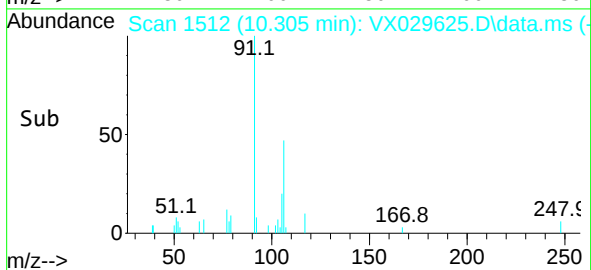
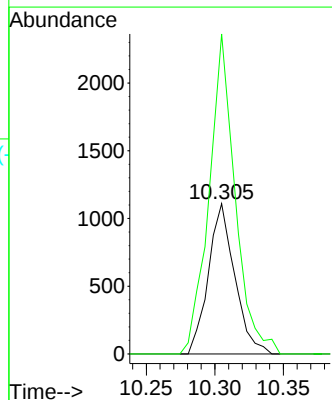
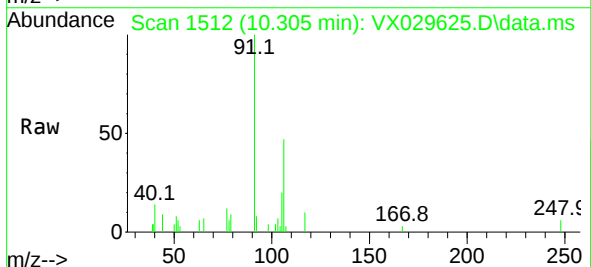
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

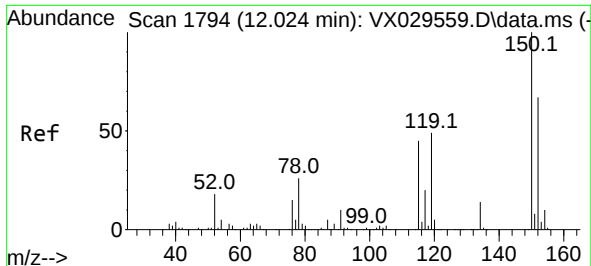
Tgt Ion:117 Resp: 384113
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 31.9 24.8 37.2



#68
m/p-Xylenes
Concen: 0.281 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion:106 Resp: 1485
Ion Ratio Lower Upper
106 100
91 210.8 160.4 240.6

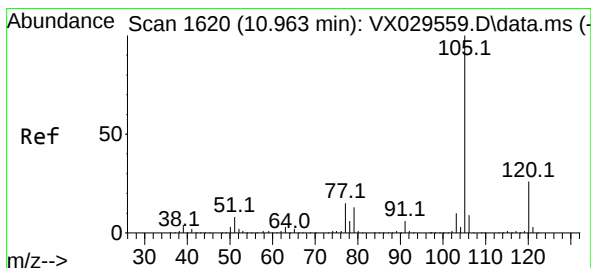
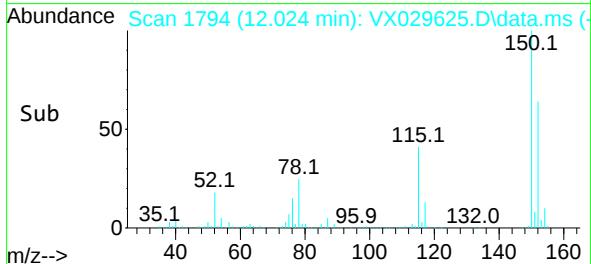
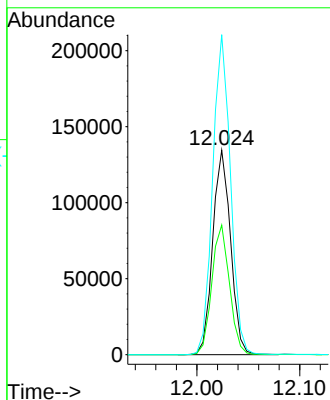
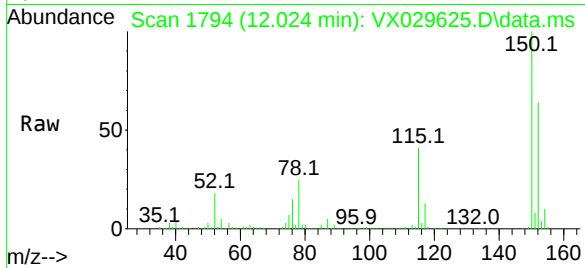




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

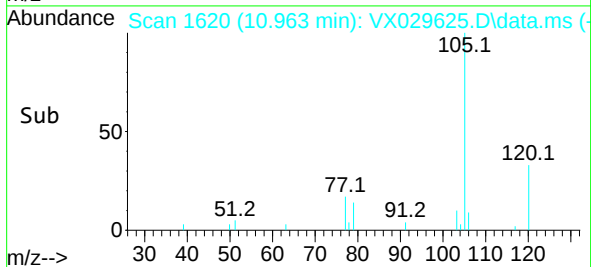
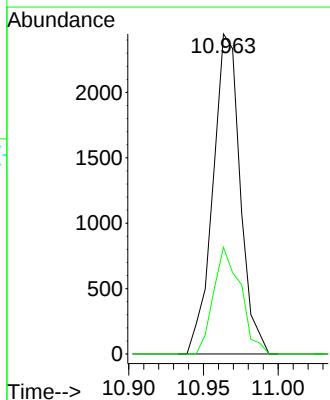
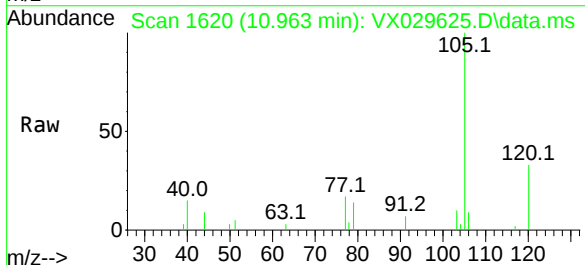
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

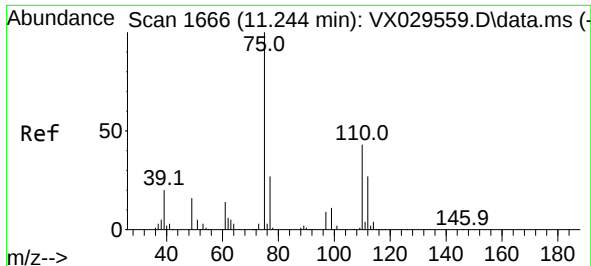
Tgt Ion:152 Resp: 161947
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 155.9 0.0 338.2



#73
Isopropylbenzene
Concen: 0.255 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion:105 Resp: 3100
Ion Ratio Lower Upper
105 100
120 33.2 13.5 40.5

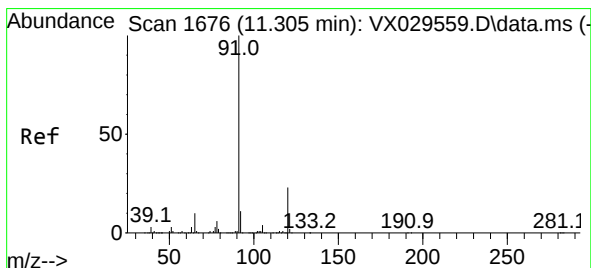
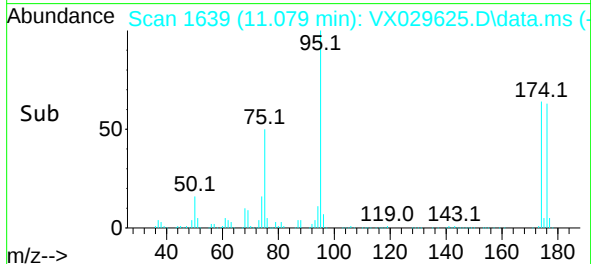
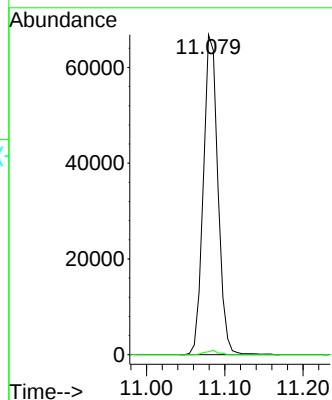
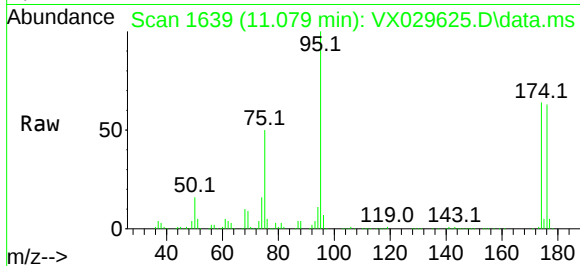




#76
1,2,3-Trichloropropane
Concen: 24.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

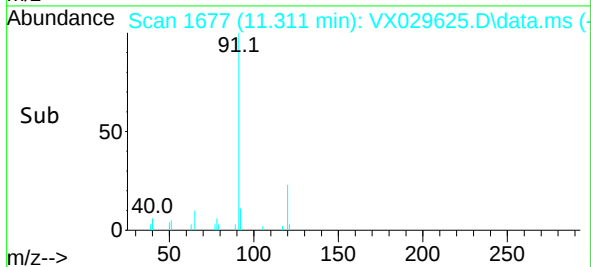
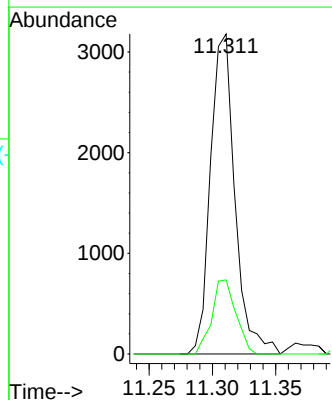
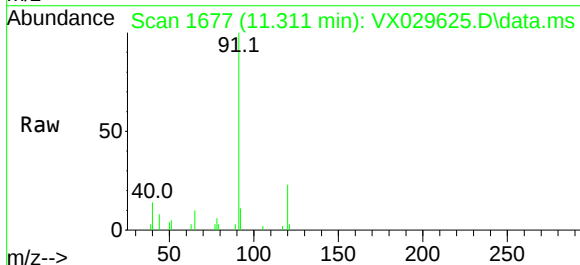
Instrument :
MSVOA_X
ClientSampleId :
MW-28D2DL

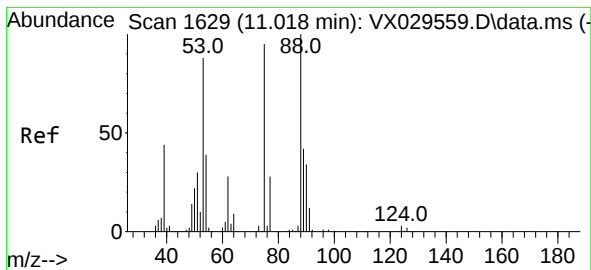
Tgt Ion: 75 Resp: 86375
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#78
n-propylbenzene
Concen: 0.312 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029625.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 91 Resp: 4273
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.448 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029625.D
 Acq: 20 Jun 2022 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D2DL

Tgt Ion: 75 Resp: 86375
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

