

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028026.D
 Acq On : 08 Apr 2022 14:48
 Operator : JC/MD
 Sample : N2333-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Apr 11 01:17:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

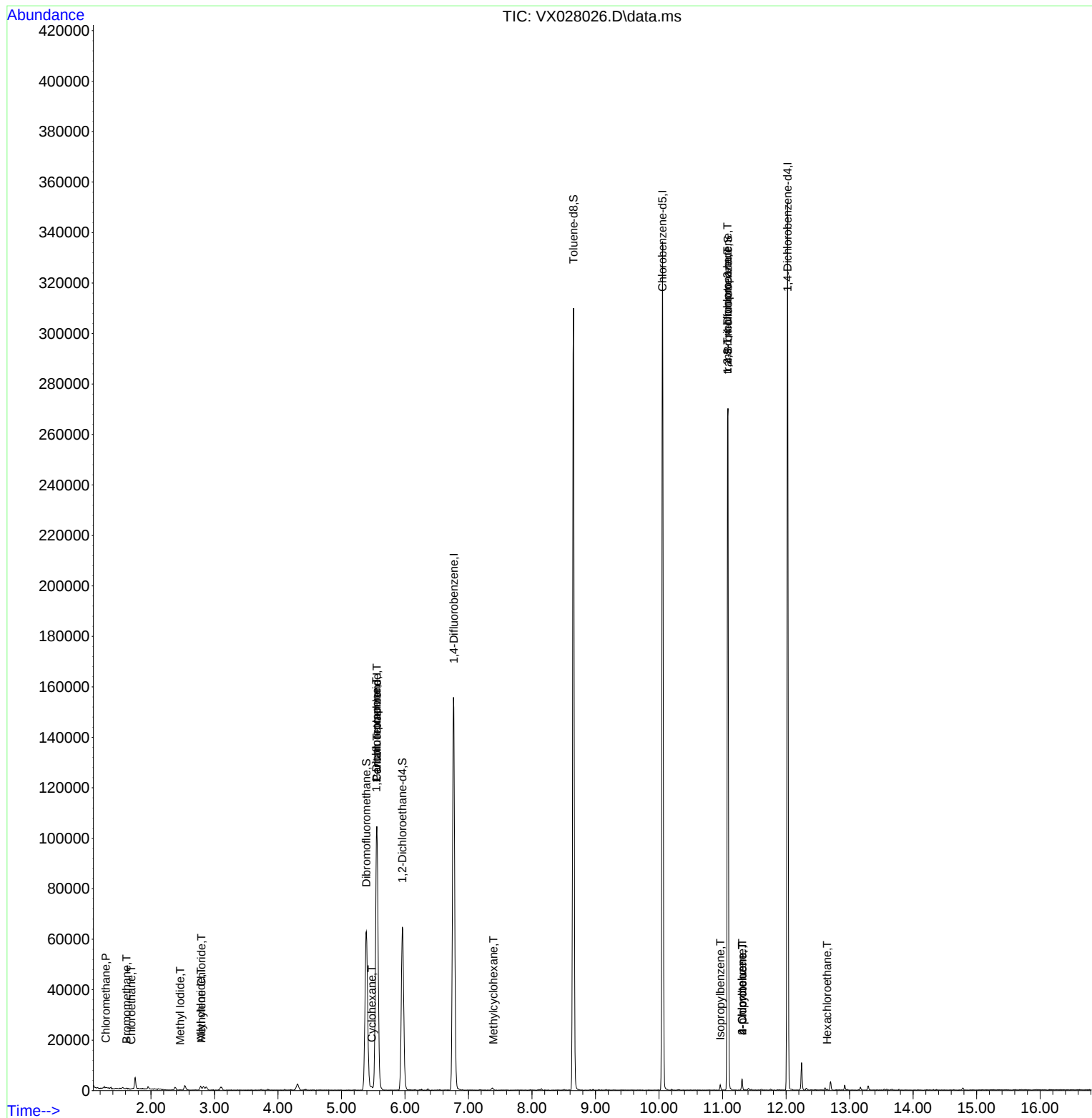
Internal Standards						
1) Pentafluorobenzene	5.556	168	100220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	146534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65649	43.151	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.300%
35) Dibromofluoromethane	5.391	113	55281	56.202	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.400%
50) Toluene-d8	8.653	98	174854	49.822	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.085	95	73181	49.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	73	1.525	ug/l #	42
5) Bromomethane	1.618	94	128	0.947	ug/l #	54
6) Chloroethane	1.691	64	86	1.672	ug/l #	43
10) Methyl Iodide	2.459	142	104	6.869	ug/l #	41
14) Allyl chloride	2.788	41	393	0.218	ug/l #	62
16) Acetone	2.380	43	1388	Below Cal		89
17) Carbon Disulfide	2.520	76	61	Below Cal	#	75
20) Methylene Chloride	2.794	84	129	2.438	ug/l #	62
31) Cyclohexane	5.477	56	948	0.514	ug/l #	70
36) 1,1-Dichloropropene	5.550	75	7478	5.170	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10864	6.940	ug/l #	15
39) Methylcyclohexane	7.391	83	337	0.201	ug/l #	63
73) Isopropylbenzene	10.963	105	1149	0.238	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	42346	27.747	ug/l #	38
78) n-propylbenzene	11.311	91	2965	0.516	ug/l	95
79) 2-Chlorotoluene	11.311	91	2965	0.837	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	42346	85.546	ug/l #	15
82) 4-Chlorotoluene	11.311	91	2965	0.719	ug/l #	45
90) Hexachloroethane	12.646	117	194	0.316	ug/l #	10

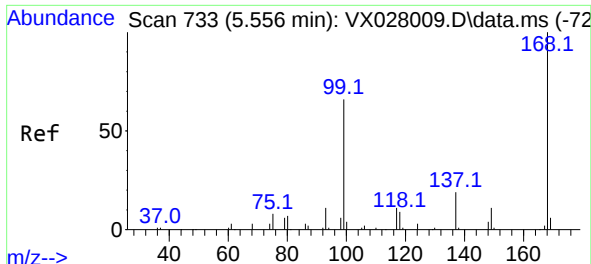
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
MW-10

Quant Time: Apr 11 01:17:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 07 18:12:28 2022
Response via : Initial Calibration

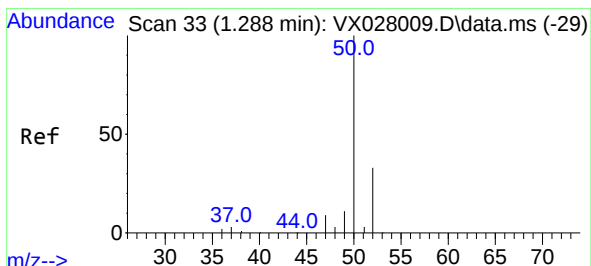
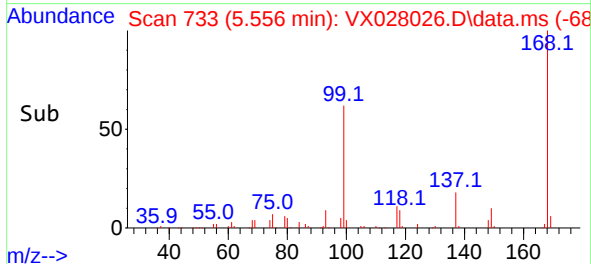
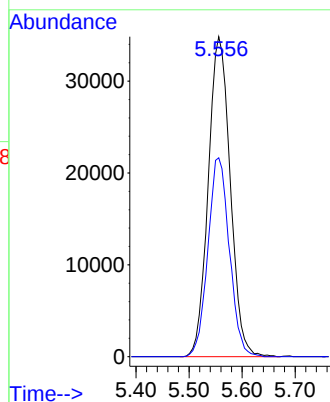
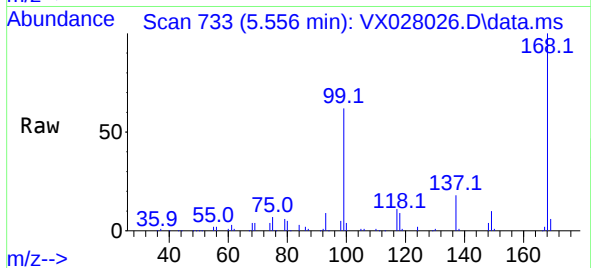




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

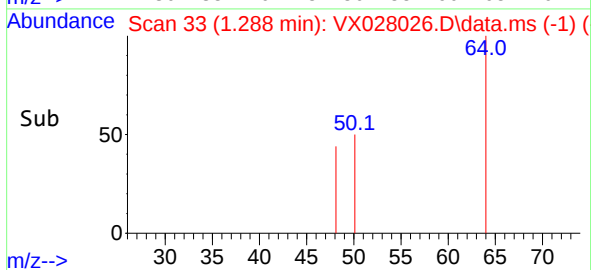
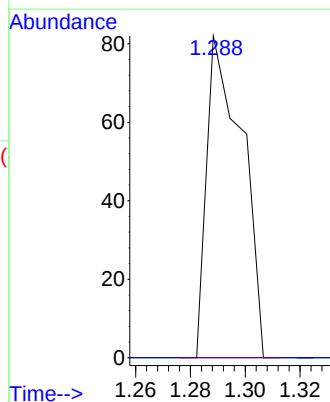
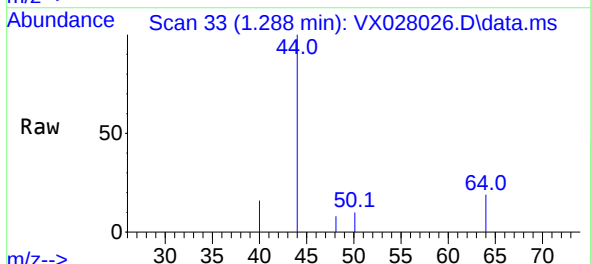
Instrument :
MSVOA_X
ClientSampleId :
MW-10

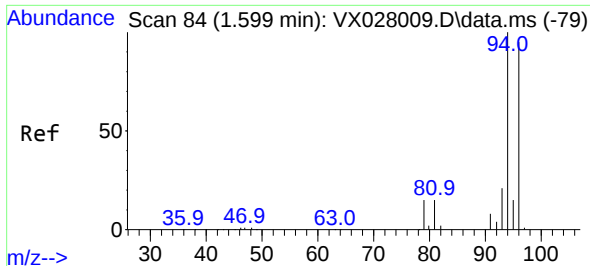
Tgt Ion:168 Resp: 100220
Ion Ratio Lower Upper
168 100
99 62.1 41.7 62.5



#3
Chloromethane
Concen: 1.525 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 50 Resp: 73
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

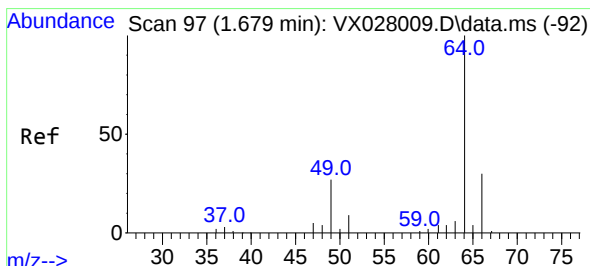
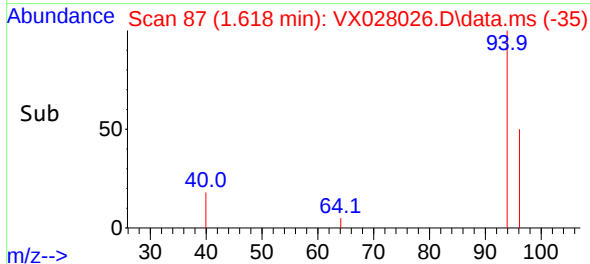
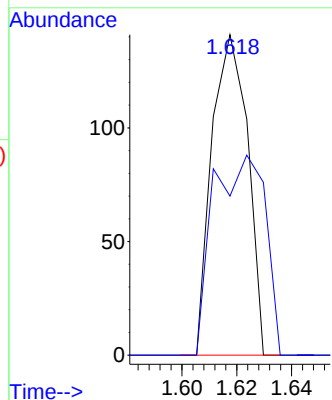
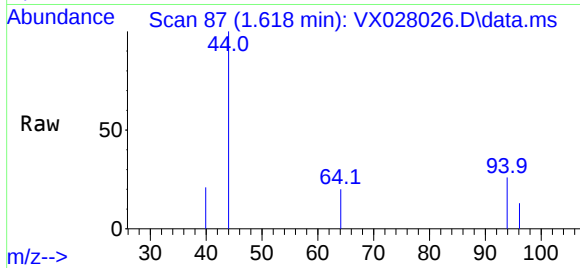




#5
Bromomethane
Concen: 0.947 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

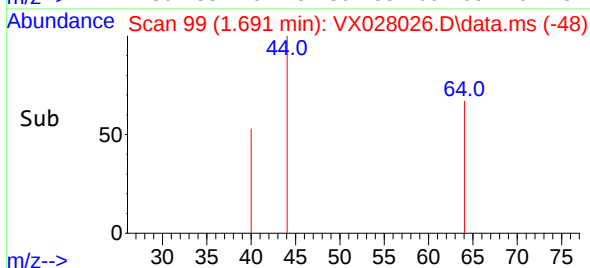
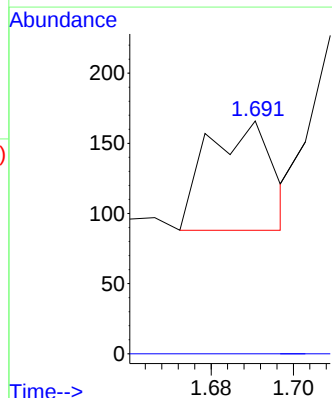
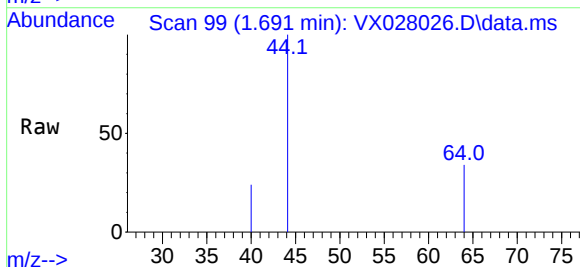
Instrument :
MSVOA_X
ClientSampleId :
MW-10

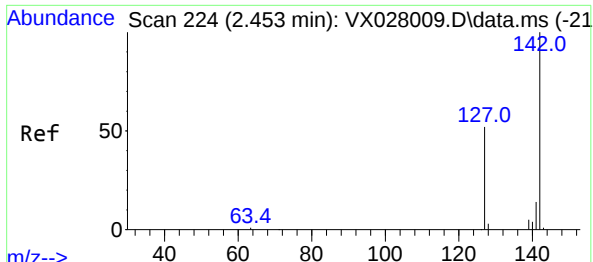
Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 49.6 75.3 112.9#



#6
Chloroethane
Concen: 1.672 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

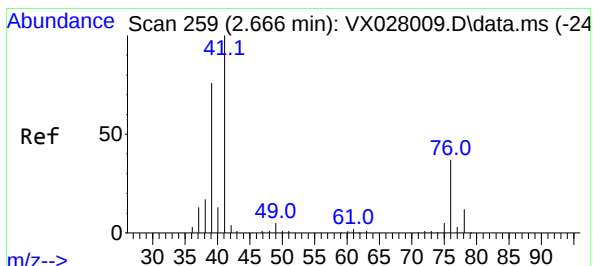
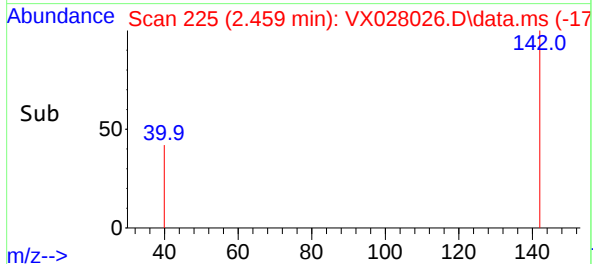
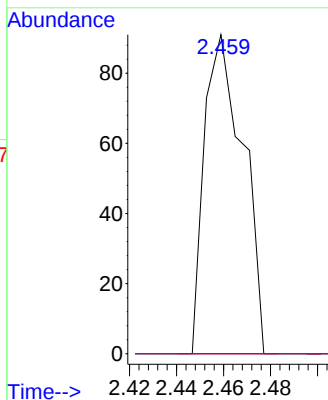
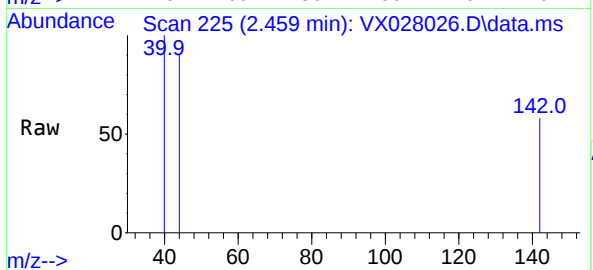




#10
Methyl Iodide
Concen: 6.869 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

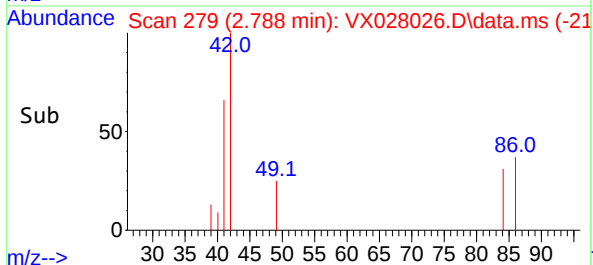
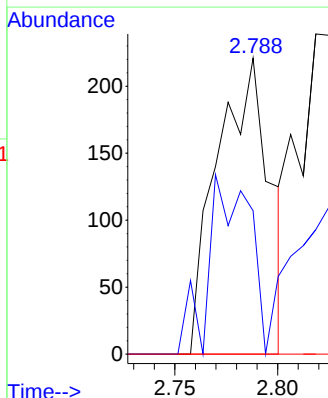
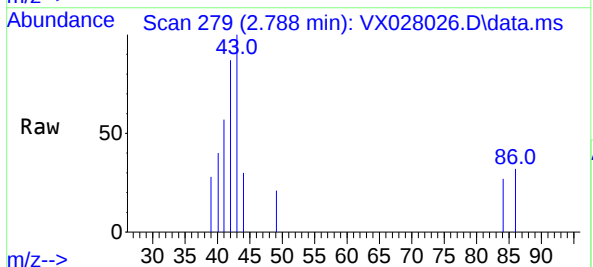
Instrument :
MSVOA_X
ClientSampleId :
MW-10

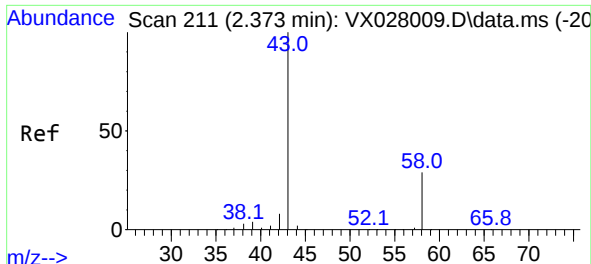
Tgt Ion:	142	Resp:	104
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.9	50.9#
141	0.0	11.4	17.2#



#14
Allyl chloride
Concen: 0.218 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.122 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion:	41	Resp:	393
Ion	Ratio	Lower	Upper
41	100		
39	47.8	50.4	75.6#
76	0.0	32.7	49.1#

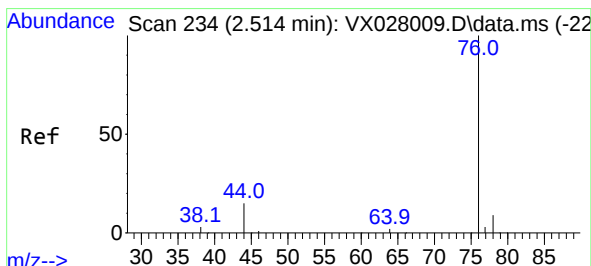
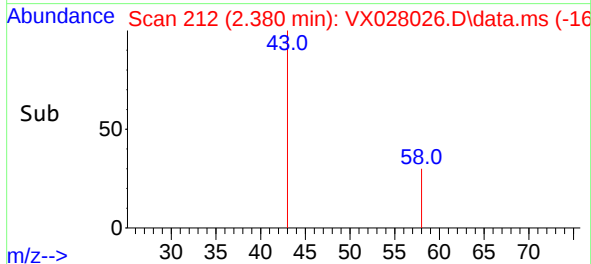
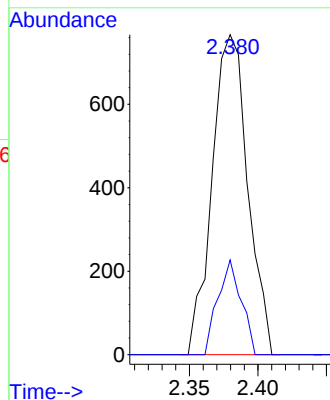
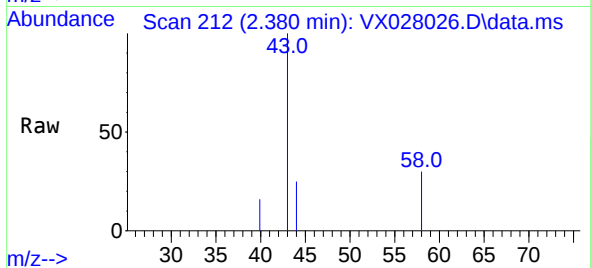




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

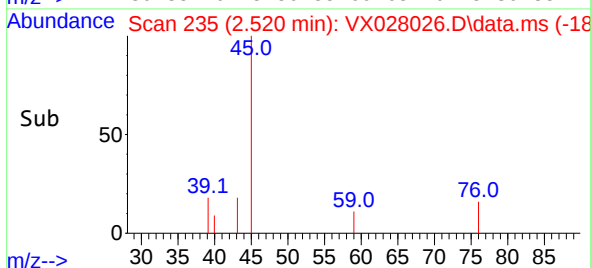
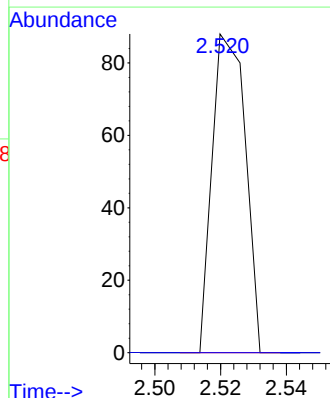
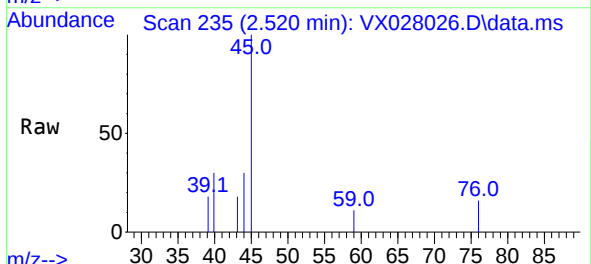
Instrument :
MSVOA_X
ClientSampleId :
MW-10

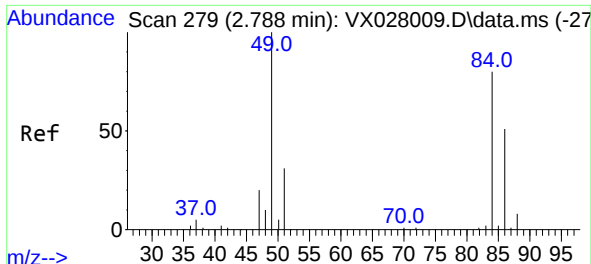
Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
58 29.6 28.8 43.2



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 76 Resp: 61
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



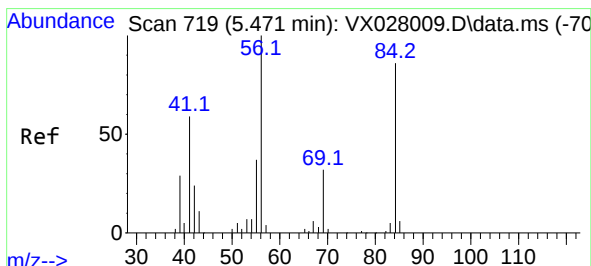
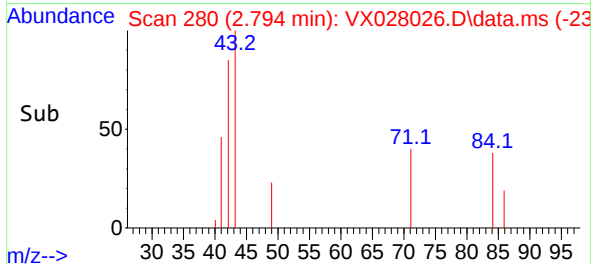
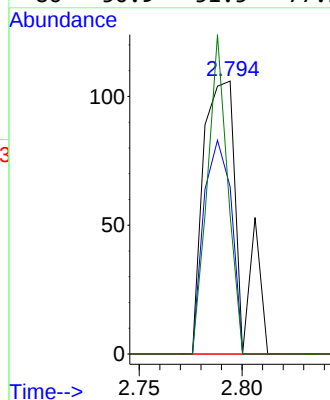
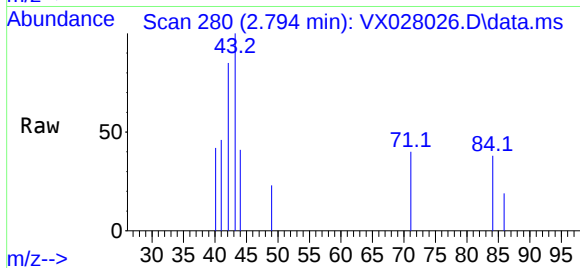


#20
Methylene Chloride
Concen: 2.438 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion: 84 Resp: 129

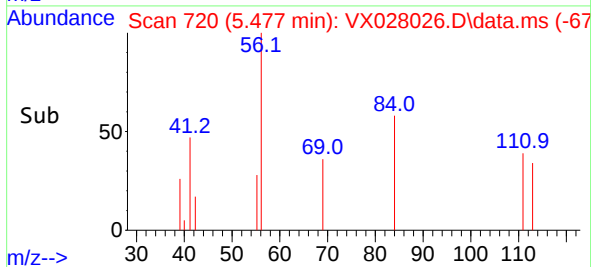
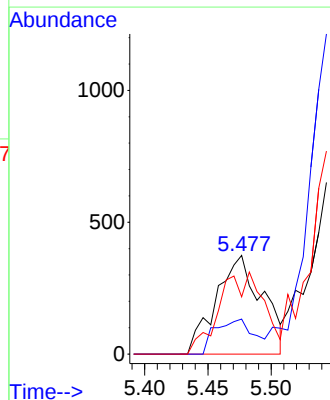
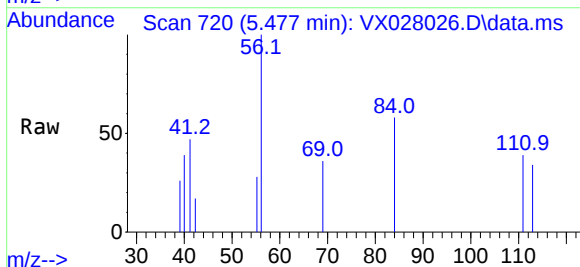
Ion	Ratio	Lower	Upper
84	100		
49	61.3	85.5	128.3#
51	0.0	26.6	39.8#
86	50.9	51.5	77.3#

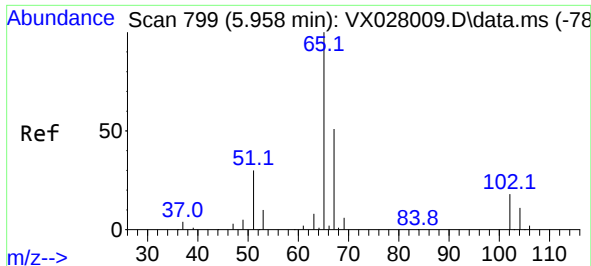


#31
Cyclohexane
Concen: 0.514 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 56 Resp: 948

Ion	Ratio	Lower	Upper
56	100		
69	35.6	26.7	40.1
84	58.0	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.151 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028026.D

Acq: 08 Apr 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

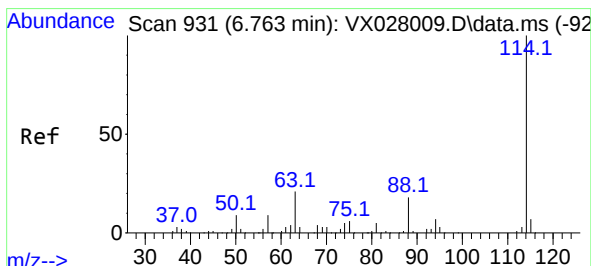
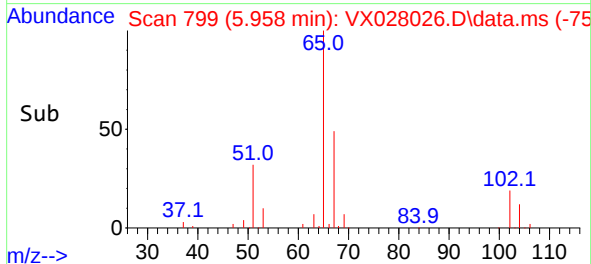
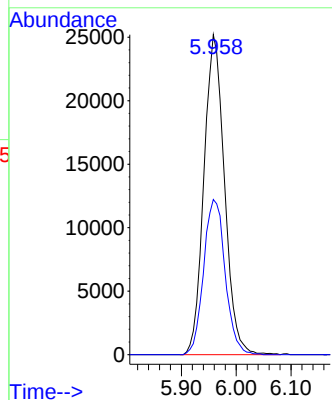
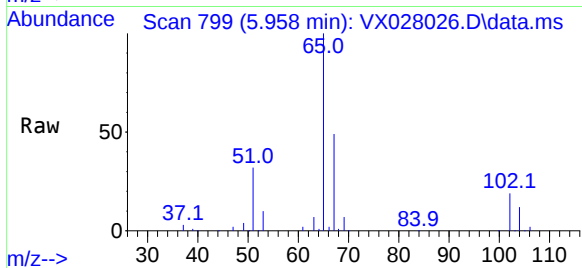
MW-10

Tgt Ion: 65 Resp: 65649

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX028026.D

Acq: 08 Apr 2022 14:48

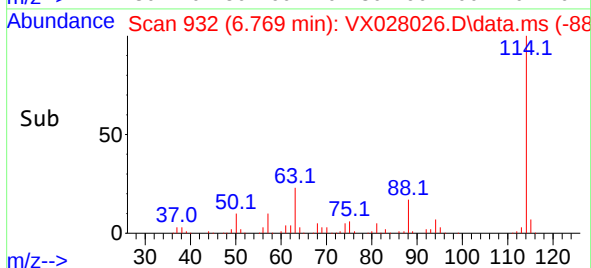
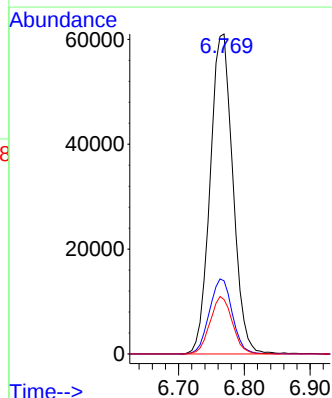
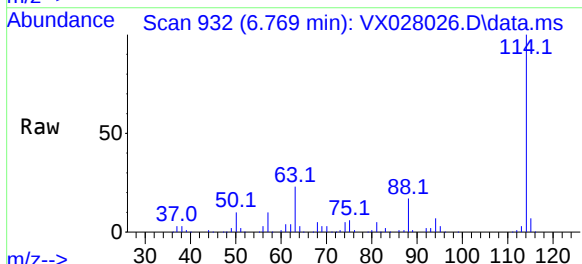
Tgt Ion: 114 Resp: 146534

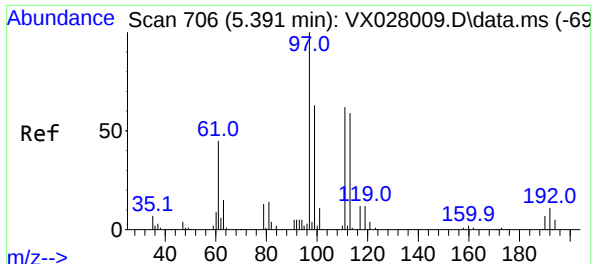
Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.8

88 17.0 0.0 32.4

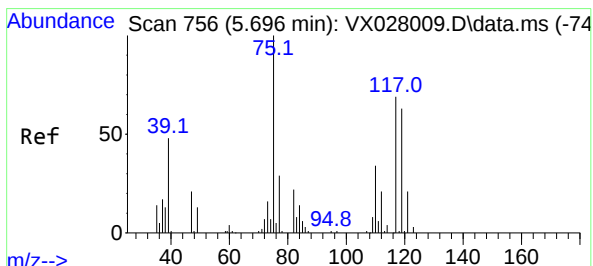
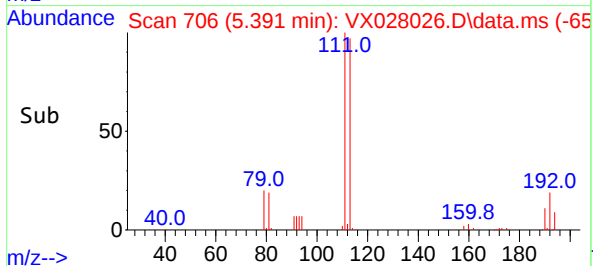
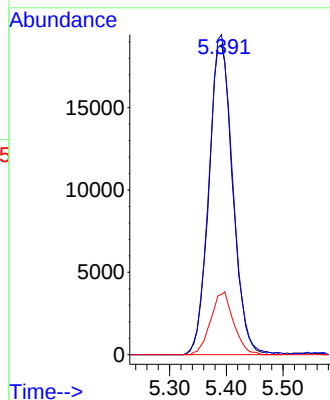
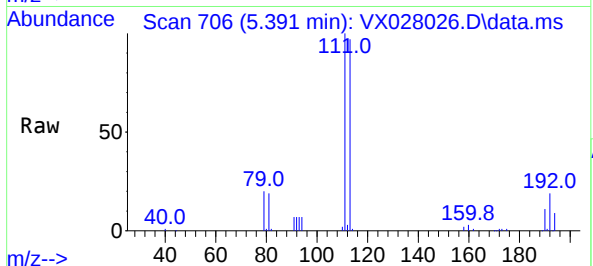




#35
Dibromofluoromethane
Concen: 56.202 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

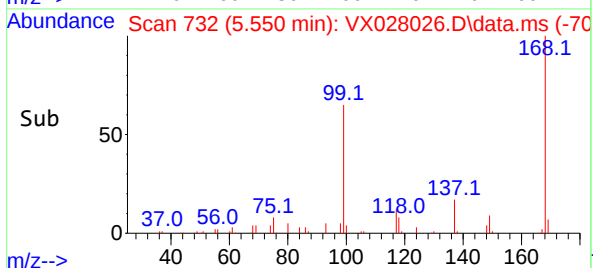
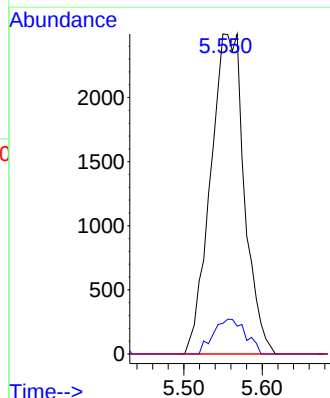
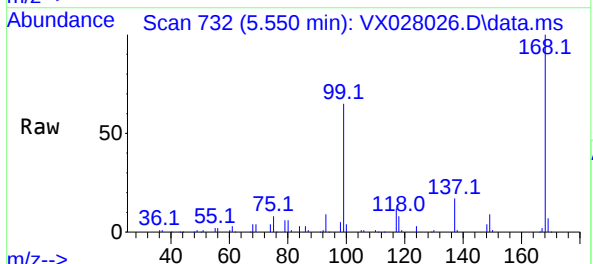
Instrument :
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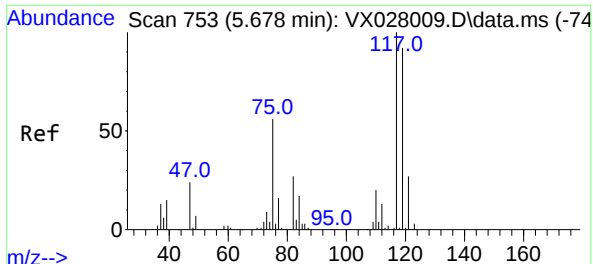
Tgt Ion:113 Resp: 55281
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.170 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 75 Resp: 7478
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#

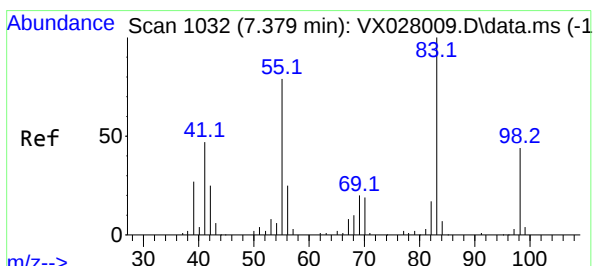
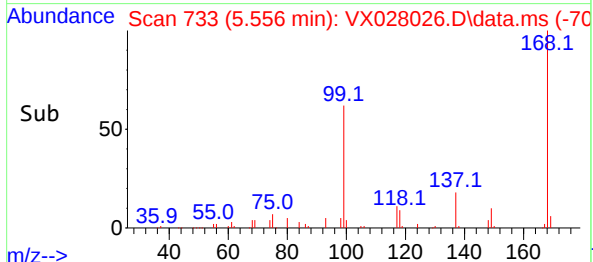
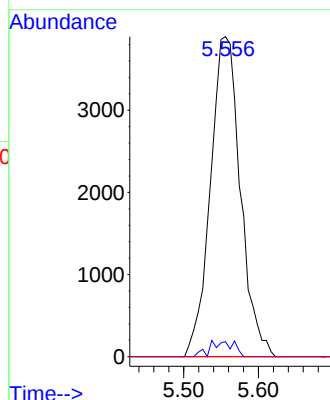
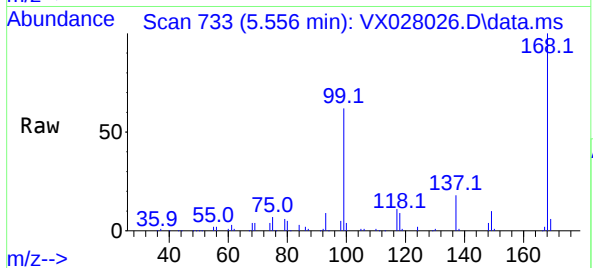




#38
Carbon Tetrachloride
Concen: 6.940 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

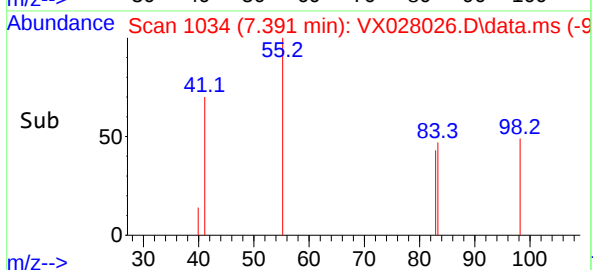
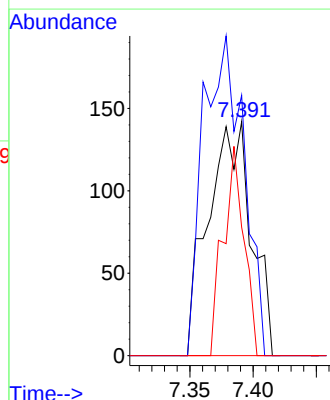
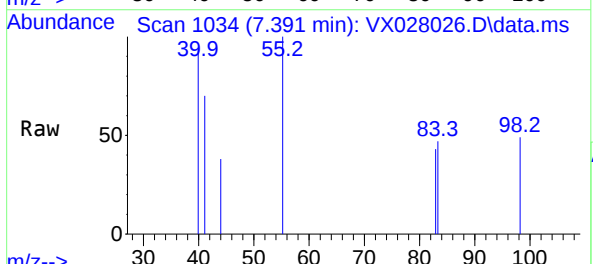
Instrument :
MSVOA_X
ClientSampleId :
MW-10

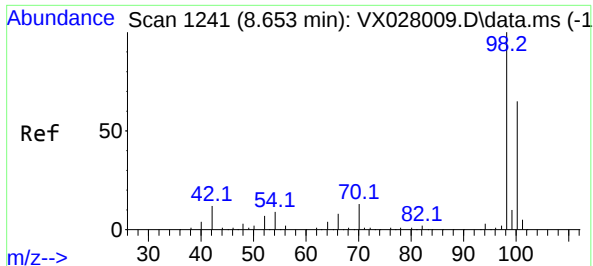
Tgt Ion:117 Resp: 10864
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.201 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.012 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 83 Resp: 337
Ion Ratio Lower Upper
83 100
55 111.3 54.6 81.8#
98 54.9 37.4 56.2

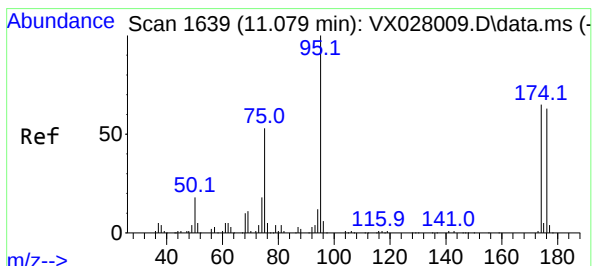
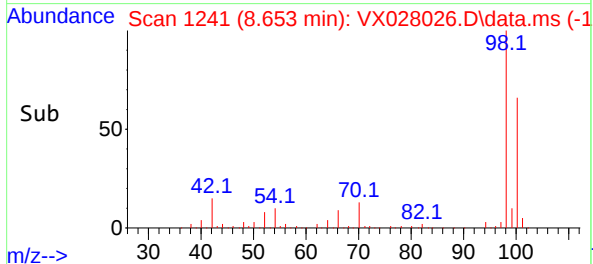
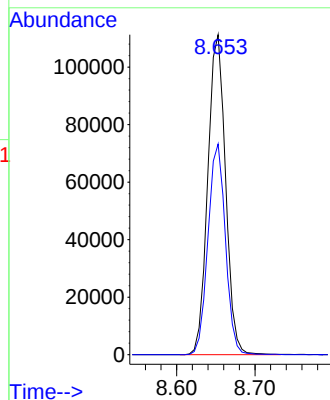
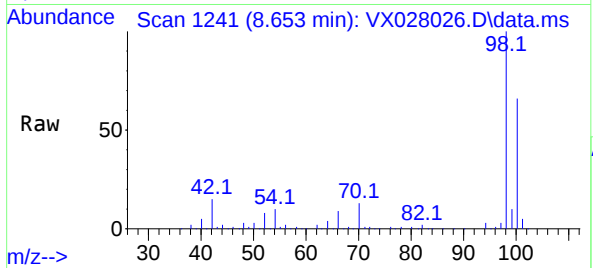




#50
Toluene-d8
Concen: 49.822 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

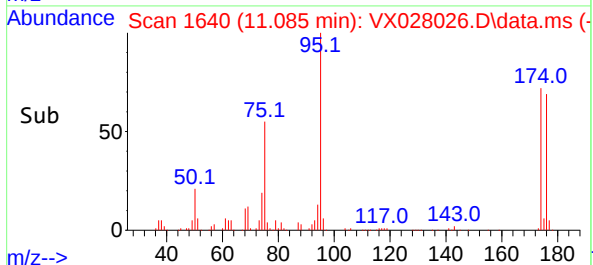
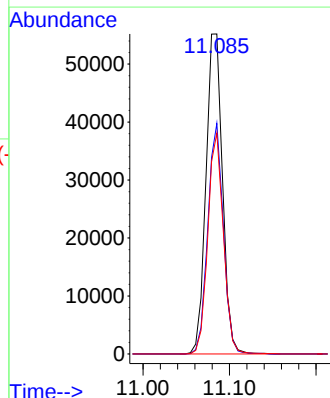
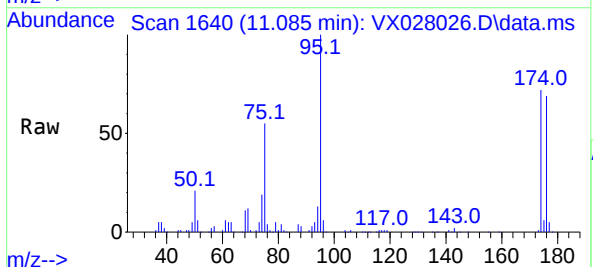
Instrument :
MSVOA_X
ClientSampleId :
MW-10

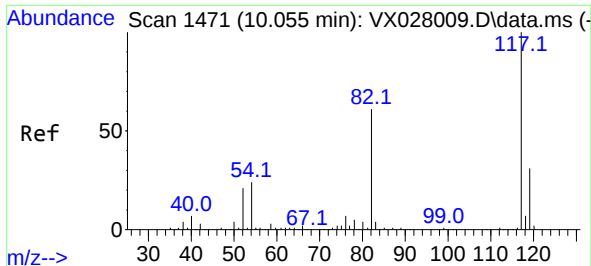
Tgt Ion: 98 Resp: 174854
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.051 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 95 Resp: 73181
Ion Ratio Lower Upper
95 100
174 67.7 0.0 163.0
176 64.8 0.0 155.0

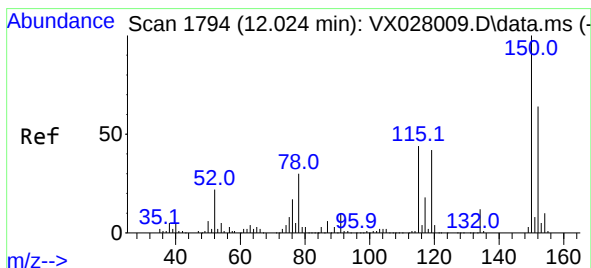
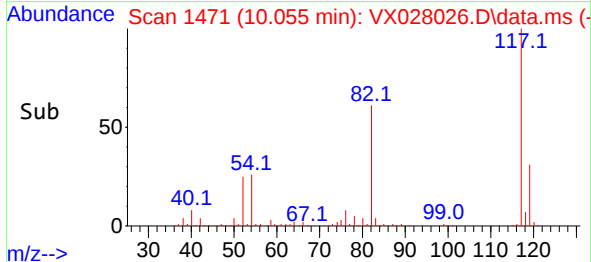
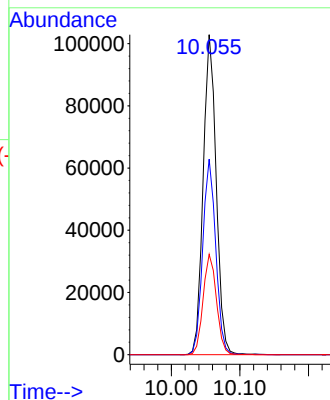
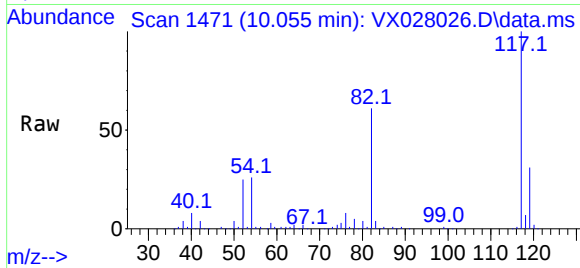




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

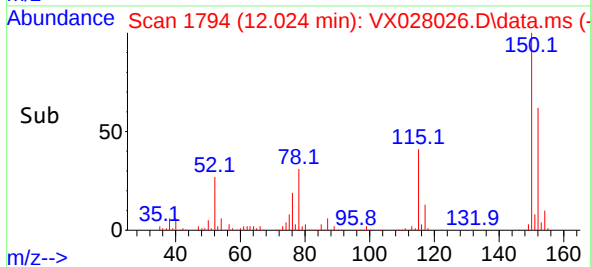
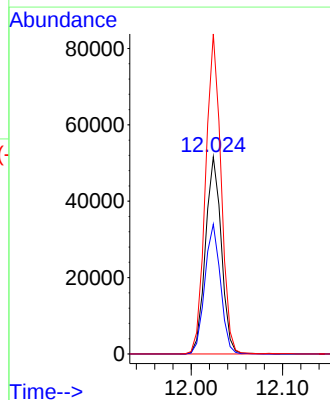
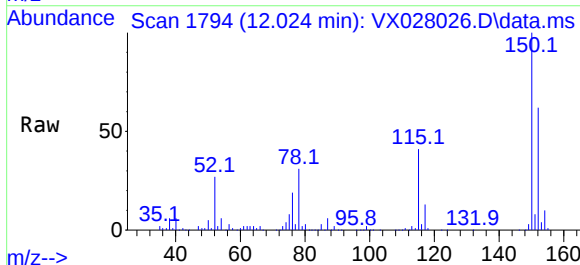
Instrument :
MSVOA_X
ClientSampleId :
MW-10

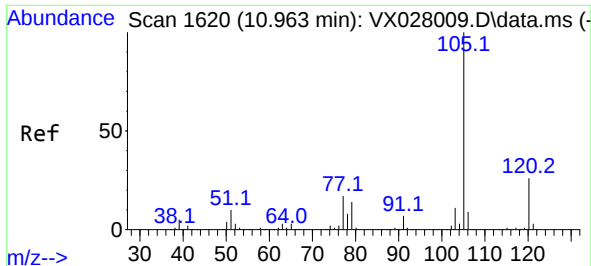
Tgt Ion:117 Resp: 136301
Ion Ratio Lower Upper
117 100
82 61.1 41.8 62.8
119 31.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion:152 Resp: 62216
Ion Ratio Lower Upper
152 100
115 65.0 37.5 112.7
150 158.1 0.0 338.2

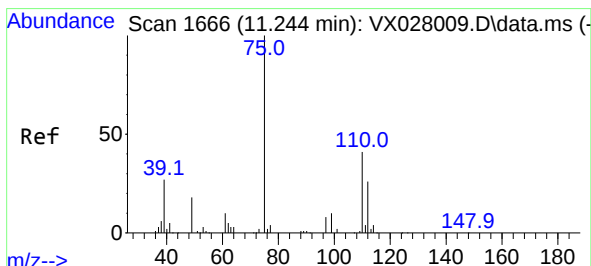
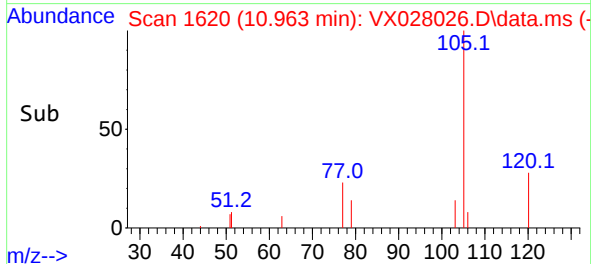
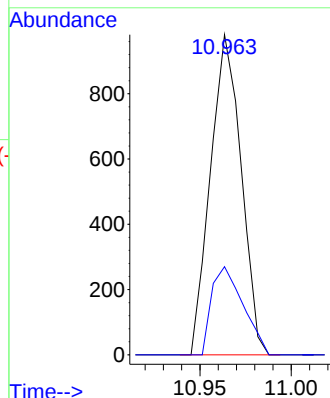
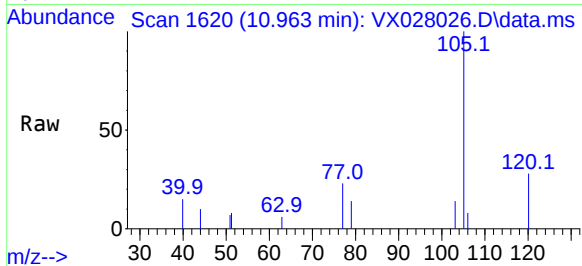




#73
Isopropylbenzene
Concen: 0.238 ug/l
RT: 10.963 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

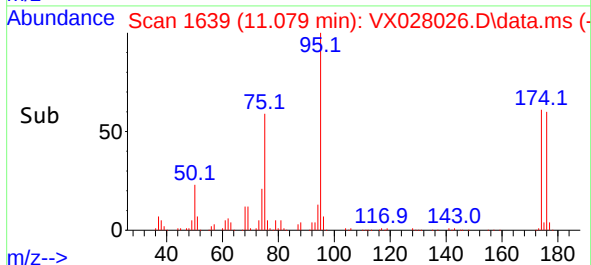
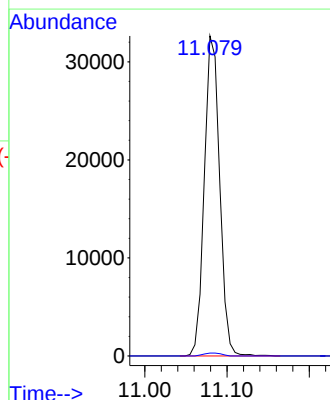
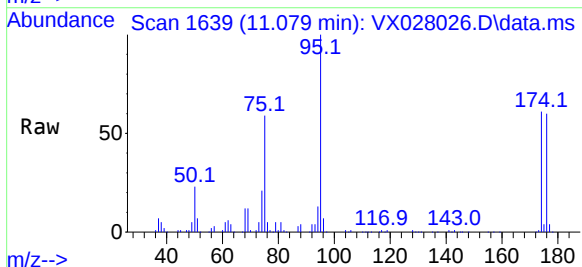
Instrument :
MSVOA_X
ClientSampleId :
MW-10

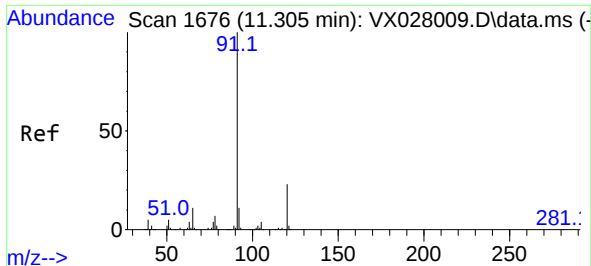
Tgt Ion:105 Resp: 1149
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.5



#76
1,2,3-Trichloropropane
Concen: 27.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 75 Resp: 42346
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

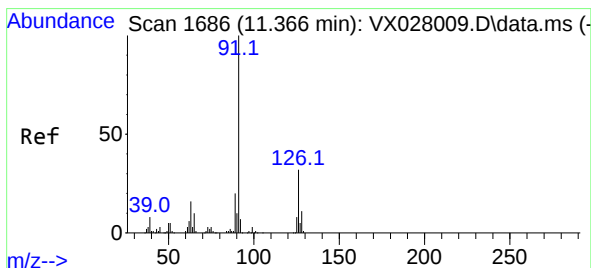
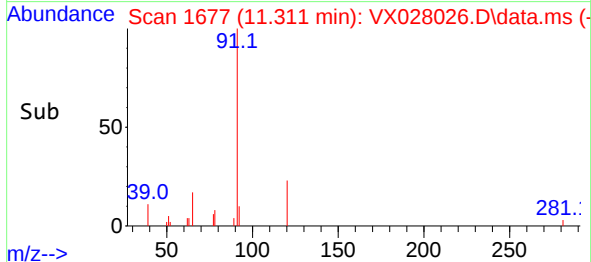
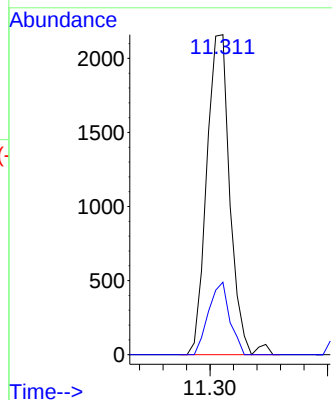
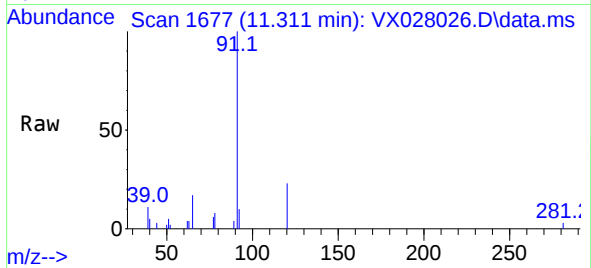




#78
n-propylbenzene
Concen: 0.516 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

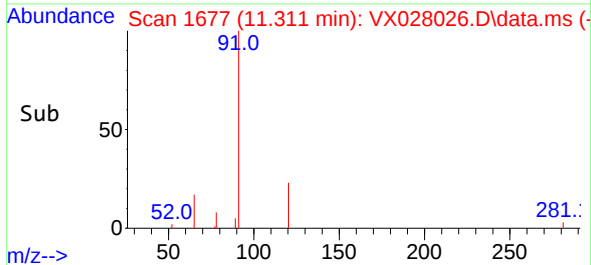
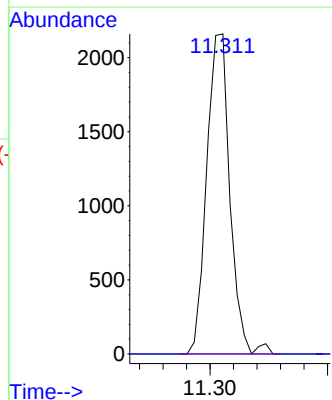
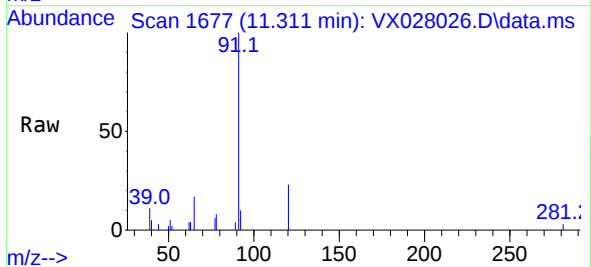
Instrument :
MSVOA_X
ClientSampleId :
MW-10

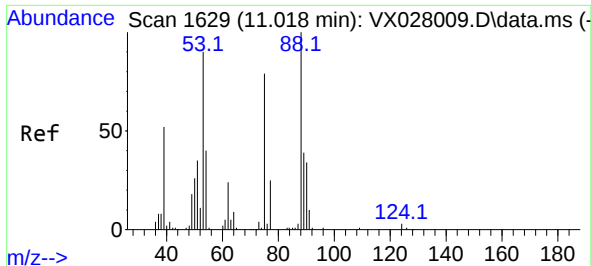
Tgt Ion: 91 Resp: 2965
Ion Ratio Lower Upper
91 100
120 20.6 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.837 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 91 Resp: 2965
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

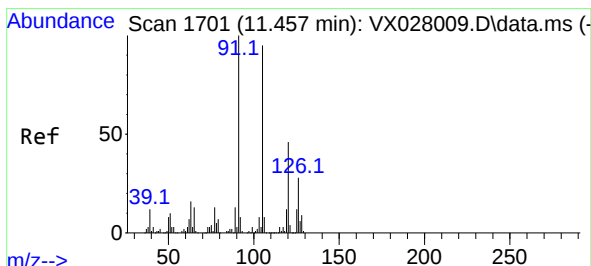
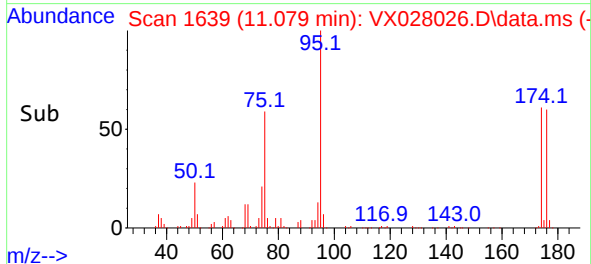
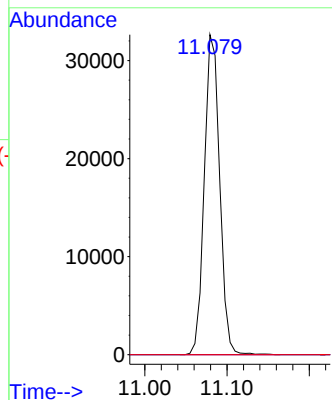
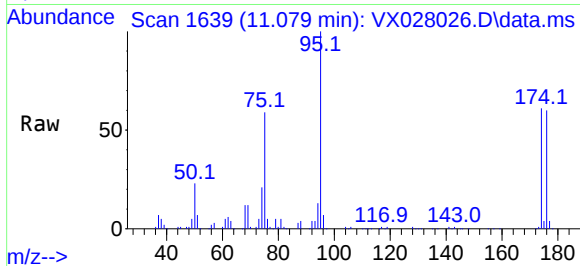




#81
trans-1,4-Dichloro-2-butene
Concen: 85.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

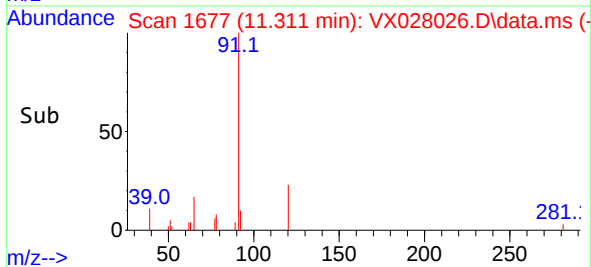
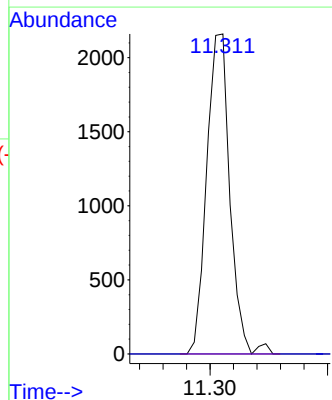
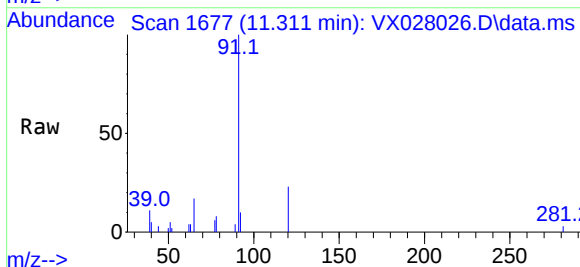
Instrument :
MSVOA_X
ClientSampleId :
MW-10

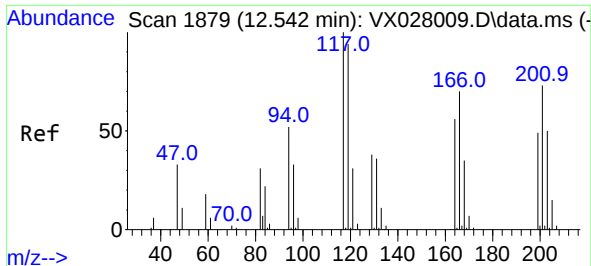
Tgt Ion: 75 Resp: 42346
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.719 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.146 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Tgt Ion: 91 Resp: 2965
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#





#90
Hexachloroethane
Concen: 0.316 ug/l
RT: 12.646 min Scan# 11
Delta R.T. 0.104 min
Lab File: VX028026.D
Acq: 08 Apr 2022 14:48

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion:117 Resp: 194
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

