

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027507.D
 Acq On : 17 Mar 2022 23:18
 Operator : JC/MD
 Sample : N1997-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-115

Quant Time: Mar 18 02:08:31 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)

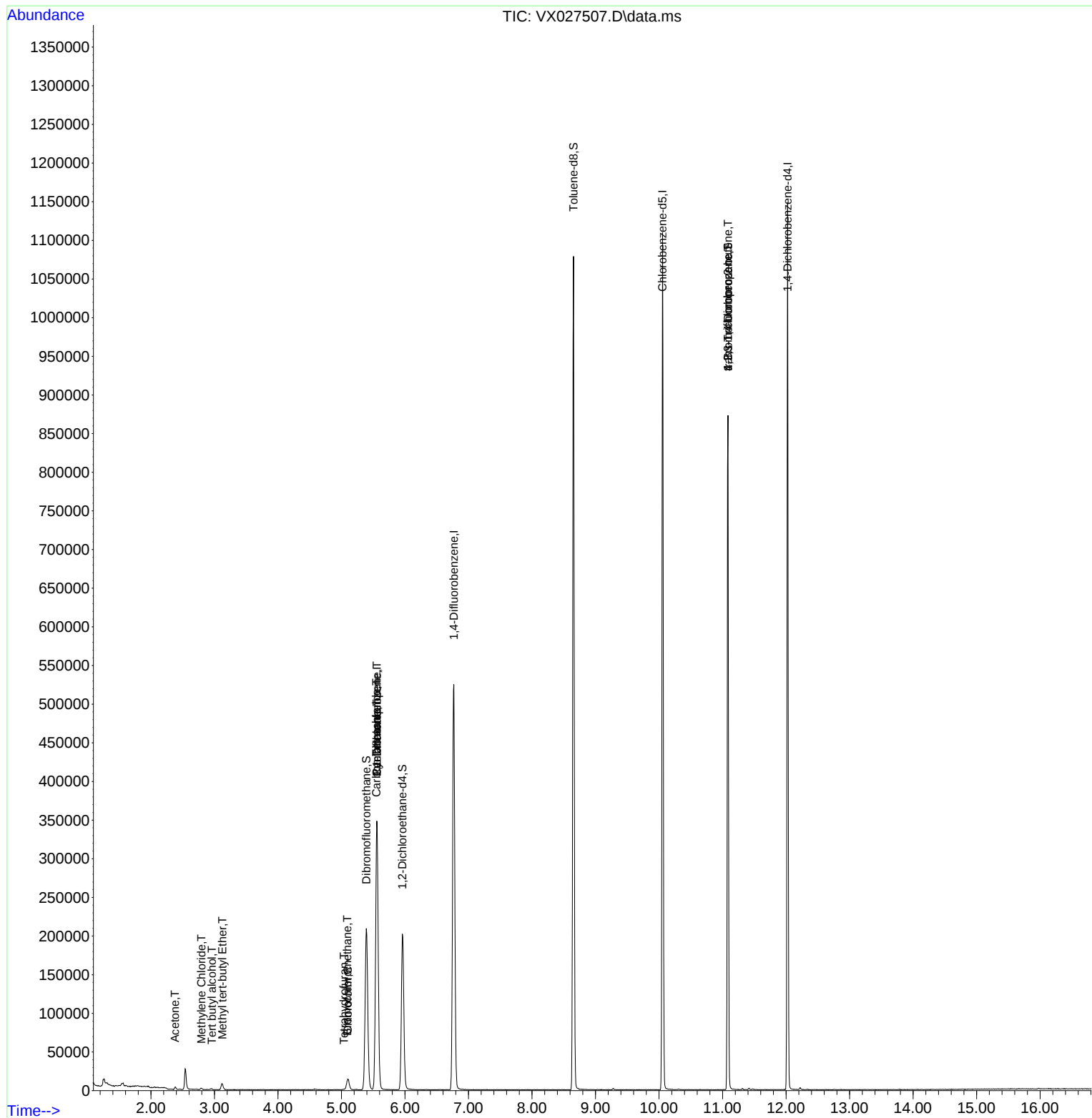
Internal Standards						
1) Pentafluorobenzene	5.556	168	350857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	584613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197351	45.660	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.320%
35) Dibromofluoromethane	5.391	113	188341	50.073	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.140%
50) Toluene-d8	8.653	98	674398	47.382	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.760%
62) 4-Bromofluorobenzene	11.085	95	243252	46.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	528	Below Cal	#	51
11) Tert butyl alcohol	2.959	59	902	1.095	ug/l #	72
16) Acetone	2.380	43	3381	1.919	ug/l #	81
19) Methyl tert-butyl Ether	3.123	73	8632	0.785	ug/l	95
20) Methylene Chloride	2.794	84	769	0.203	ug/l #	86
28) Bromochloromethane	5.093	49	1169	0.479	ug/l #	7
29) Tetrahydrofuran	5.038	42	401	0.236	ug/l #	89
30) Chloroform	5.099	83	17437	2.610	ug/l	96
31) Cyclohexane	5.556	56	5622	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24058	4.681	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33953	5.774	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	111608	22.094	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	111608	67.099	ug/l #	15

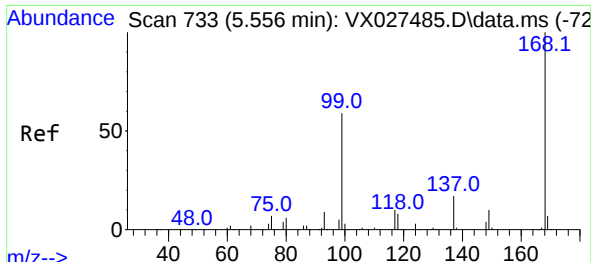
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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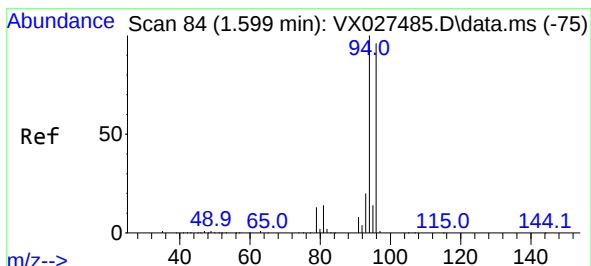
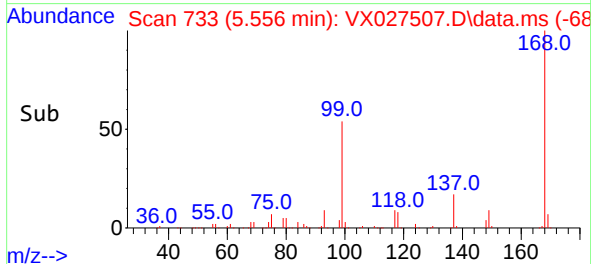
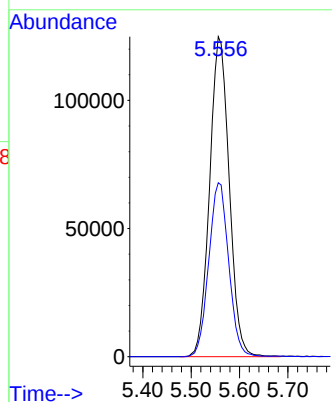
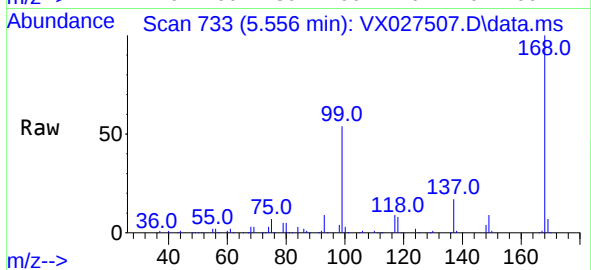




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

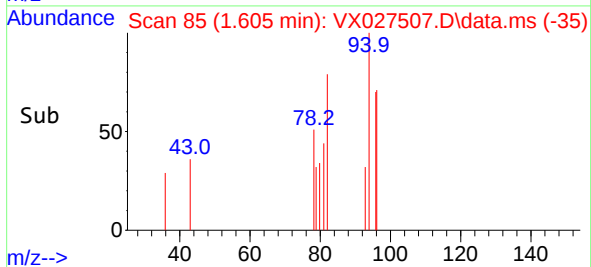
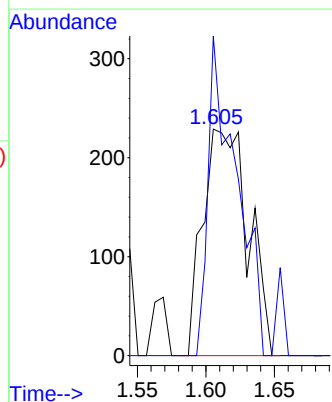
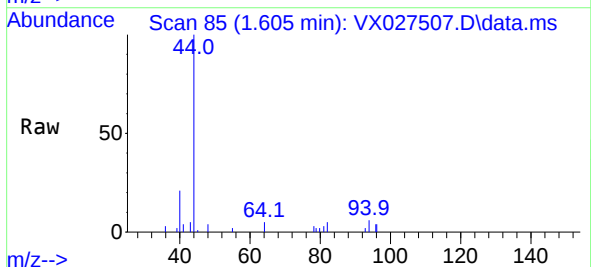
Instrument :
MSVOA_X
ClientSampleId :
MW-115

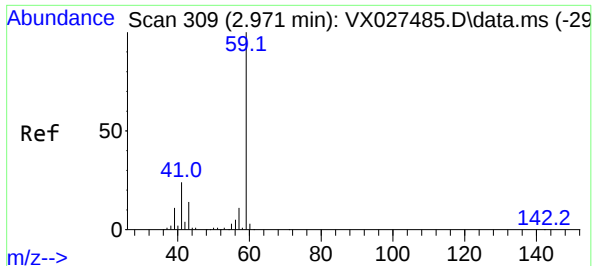
Tgt Ion:168 Resp: 350857
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

Tgt Ion: 94 Resp: 528
Ion Ratio Lower Upper
94 100
96 141.0 75.3 112.9#





#11

Tert butyl alcohol

Concen: 1.095 ug/l

RT: 2.959 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX027507.D

Acq: 17 Mar 2022 23:18

Instrument :

MSVOA_X

ClientSampleId :

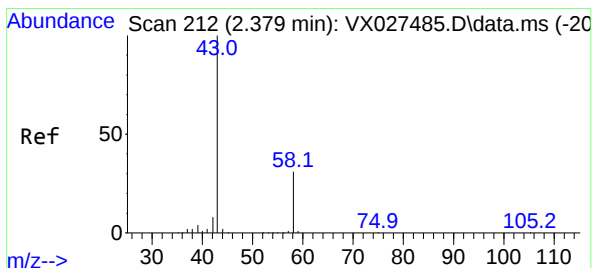
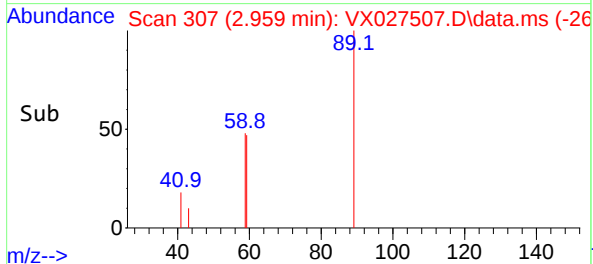
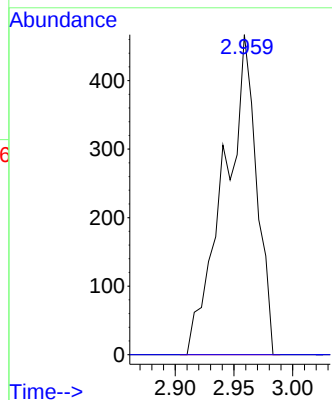
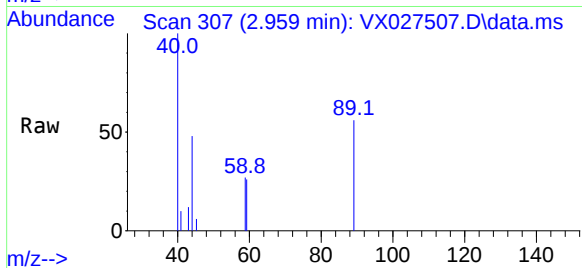
MW-115

Tgt Ion: 59 Resp: 902

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.919 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027507.D

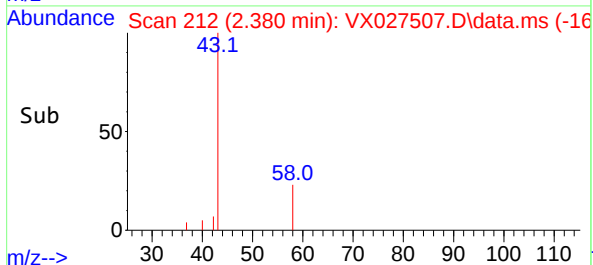
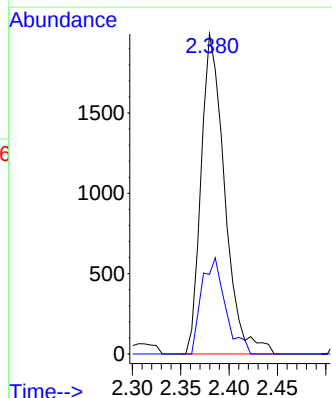
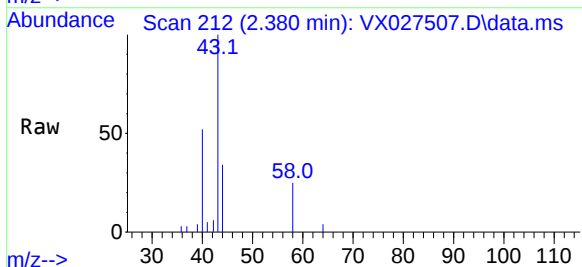
Acq: 17 Mar 2022 23:18

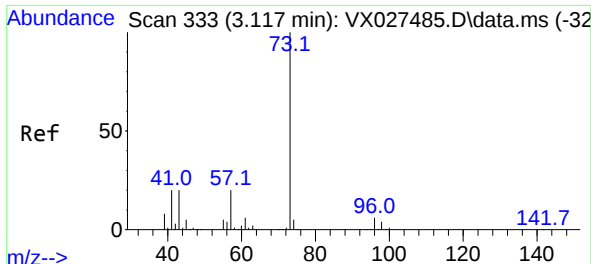
Tgt Ion: 43 Resp: 3381

Ion Ratio Lower Upper

43 100

58 24.8 28.8 43.2#

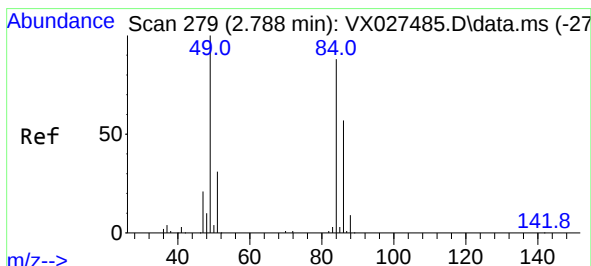
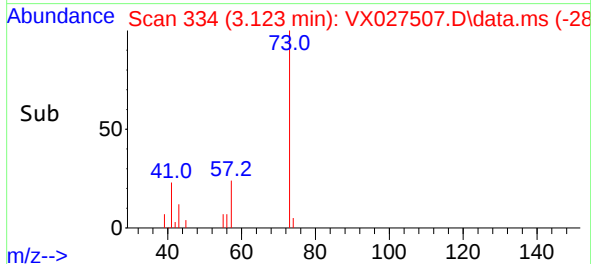
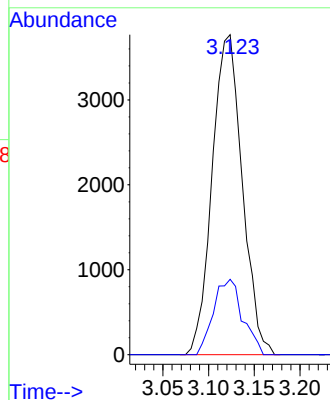
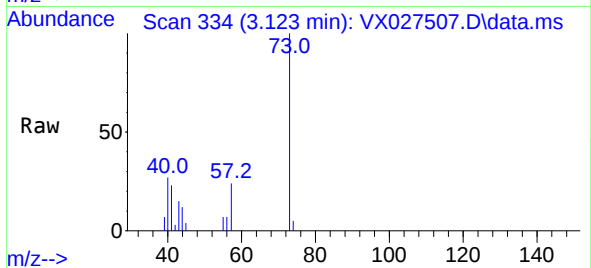




#19
Methyl tert-butyl Ether
Concen: 0.785 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

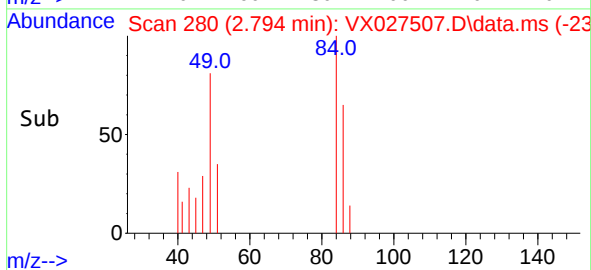
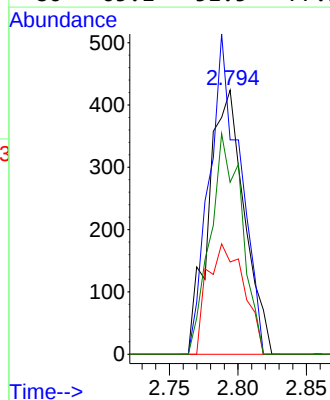
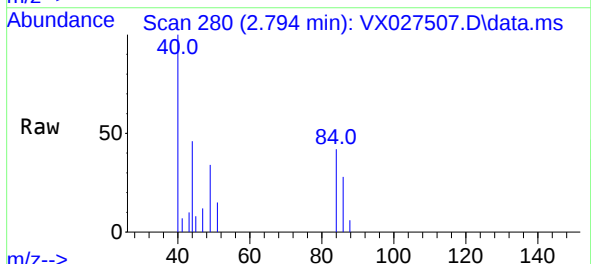
Instrument :
MSVOA_X
ClientSampleId :
MW-115

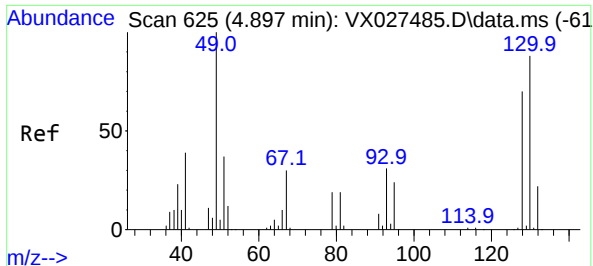
Tgt Ion: 73 Resp: 8632
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2



#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

Tgt Ion: 84 Resp: 769
Ion Ratio Lower Upper
84 100
49 81.1 85.5 128.3#
51 34.9 26.6 39.8
86 65.1 51.5 77.3

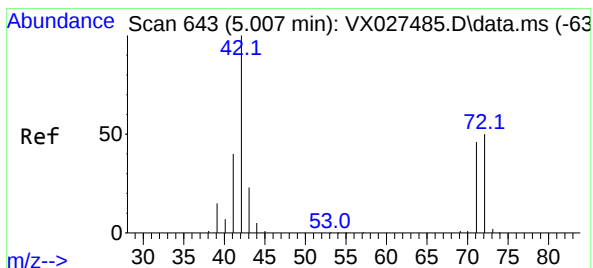
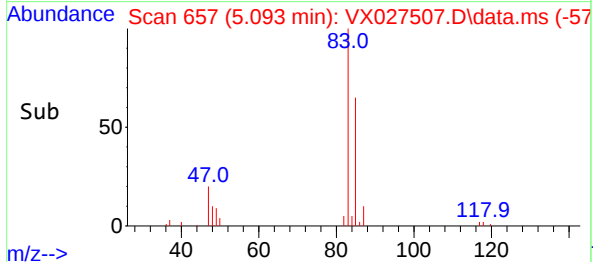
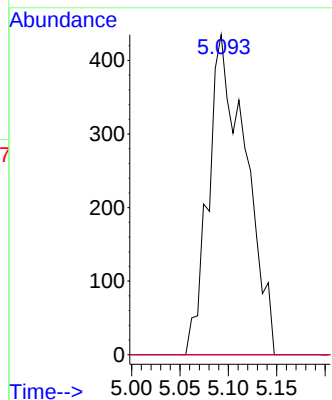
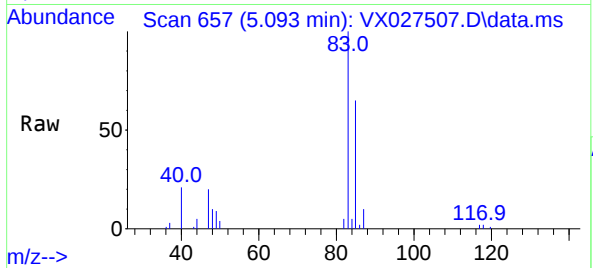




#28
Bromochloromethane
Concen: 0.479 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

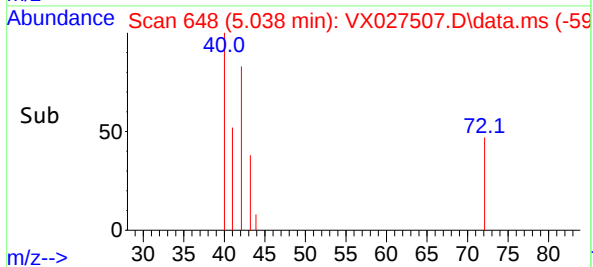
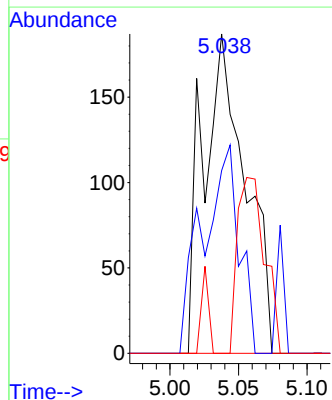
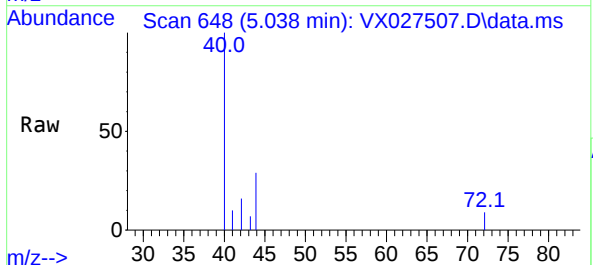
Instrument :
MSVOA_X
ClientSampleId :
MW-115

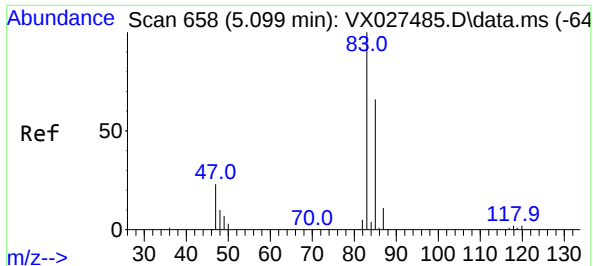
Tgt Ion: 49 Resp: 1169
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#



#29
Tetrahydrofuran
Concen: 0.236 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

Tgt Ion: 42 Resp: 401
Ion Ratio Lower Upper
42 100
72 56.1 44.1 66.1
71 35.9 40.5 60.7#





#30

Chloroform

Concen: 2.610 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027507.D

Acq: 17 Mar 2022 23:18

Instrument :

MSVOA_X

ClientSampleId :

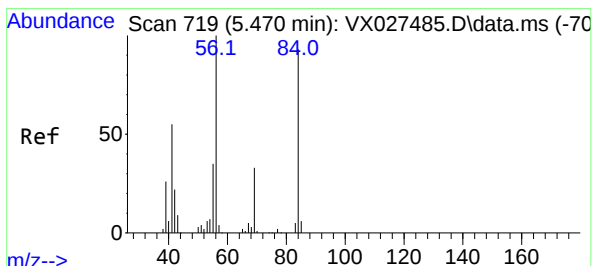
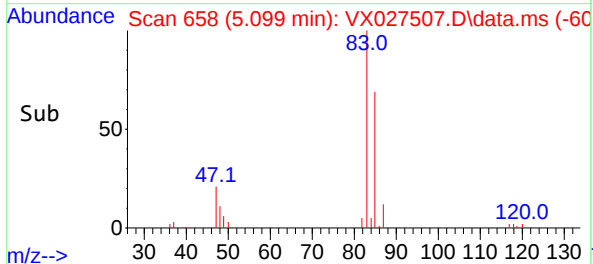
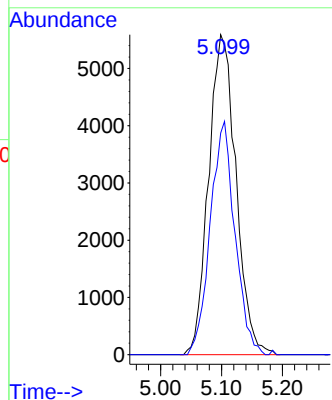
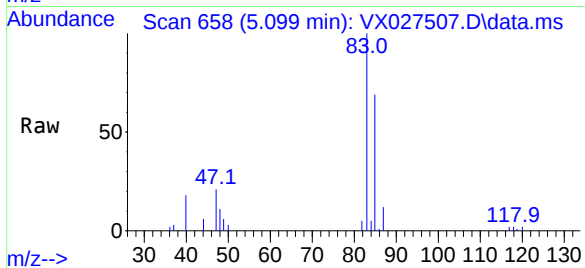
MW-115

Tgt Ion: 83 Resp: 17437

Ion Ratio Lower Upper

83 100

85 69.2 52.7 79.1



#31

Cyclohexane

Concen: 1.047 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX027507.D

Acq: 17 Mar 2022 23:18

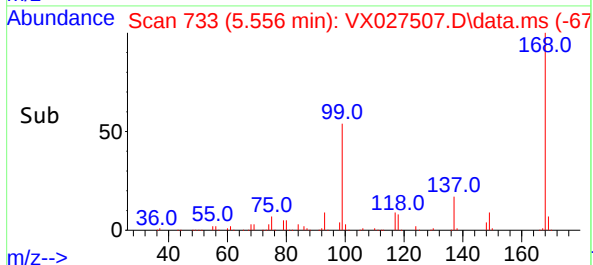
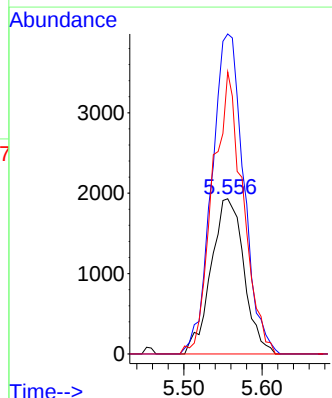
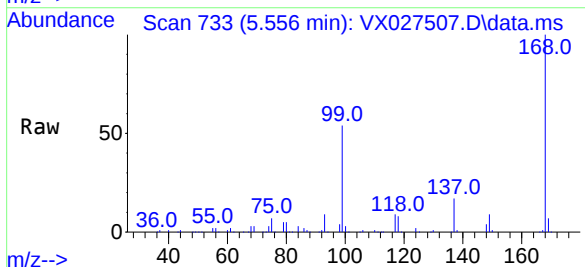
Tgt Ion: 56 Resp: 5622

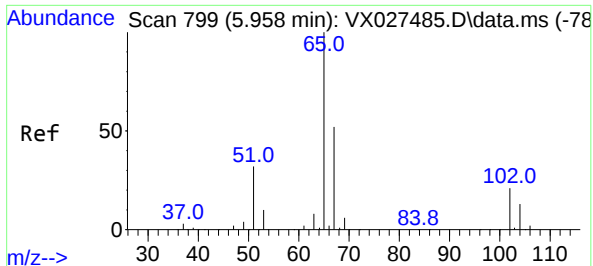
Ion Ratio Lower Upper

56 100

69 206.1 26.7 40.1#

84 181.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.660 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027507.D

Acq: 17 Mar 2022 23:18

Instrument :

MSVOA_X

ClientSampleId :

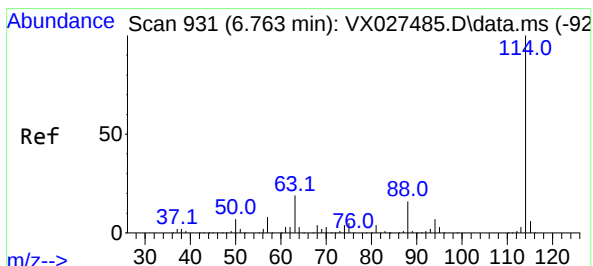
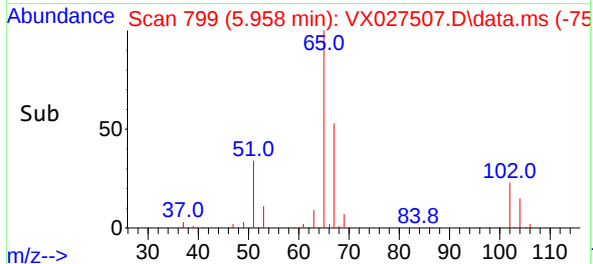
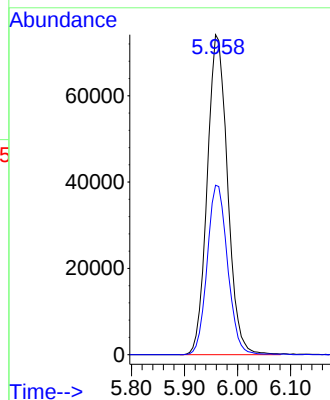
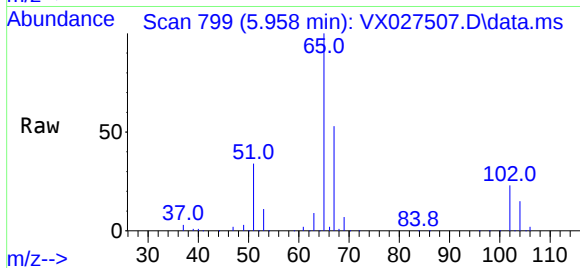
MW-115

Tgt Ion: 65 Resp: 197351

Ion Ratio Lower Upper

65 100

67 53.1 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: VX027507.D

Acq: 17 Mar 2022 23:18

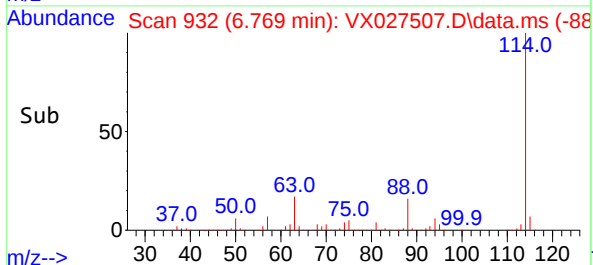
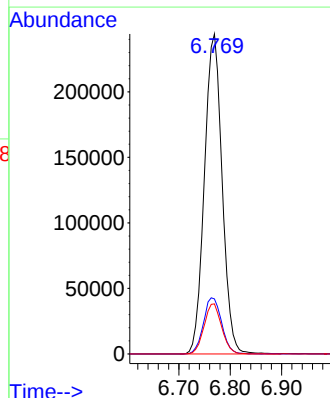
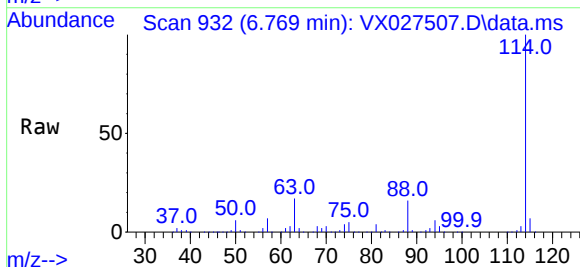
Tgt Ion: 114 Resp: 584613

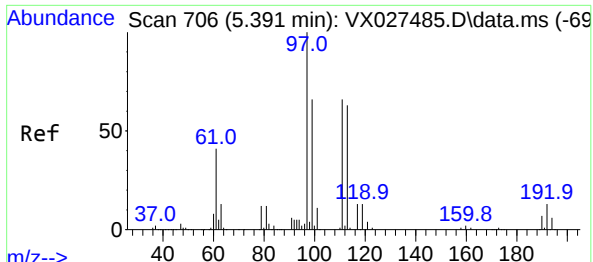
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.8

88 15.7 0.0 32.4



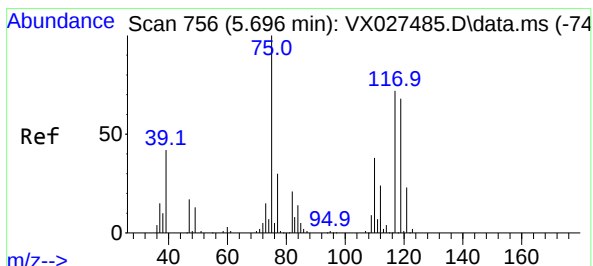
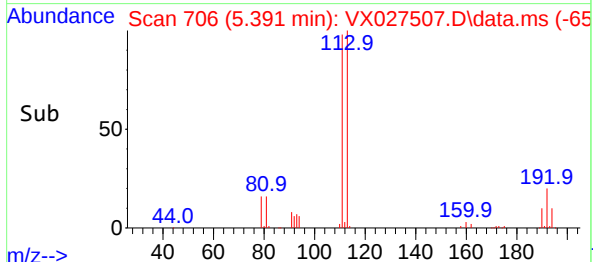
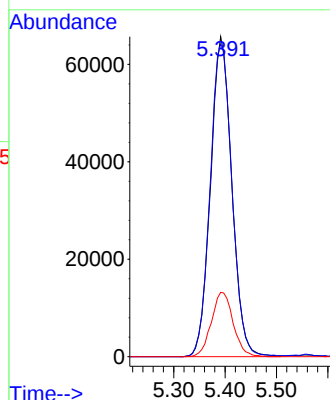
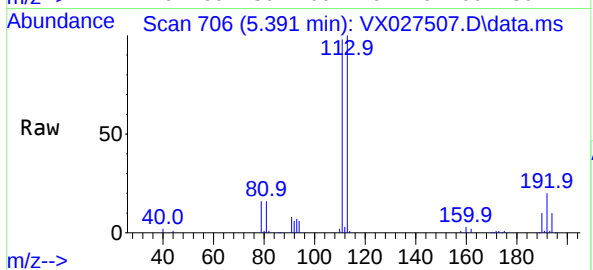


#35
 Dibromofluoromethane
 Concen: 50.073 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027507.D
 Acq: 17 Mar 2022 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-115

Tgt Ion:113 Resp: 188341

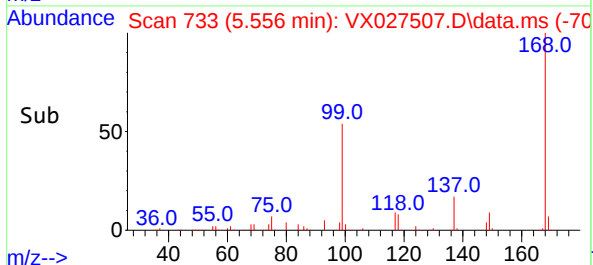
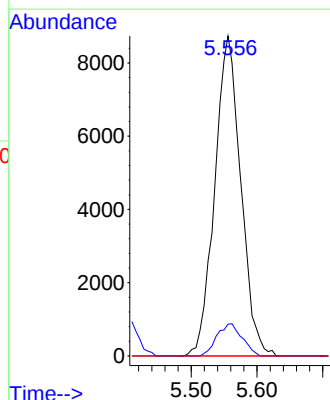
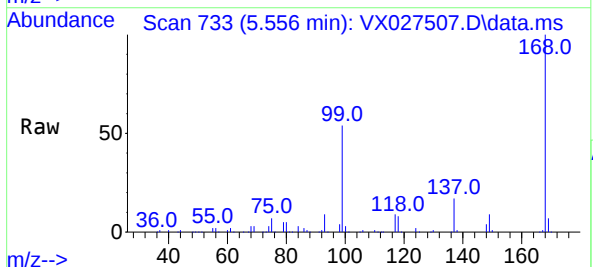
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.8	124.2
192	20.7	16.9	25.3

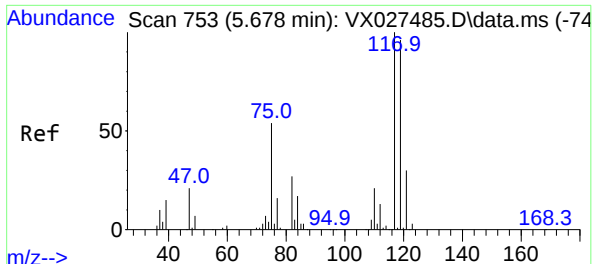


#36
 1,1-Dichloropropene
 Concen: 4.681 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX027507.D
 Acq: 17 Mar 2022 23:18

Tgt Ion: 75 Resp: 24058

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.3	54.8#
77	0.0	24.8	37.2#

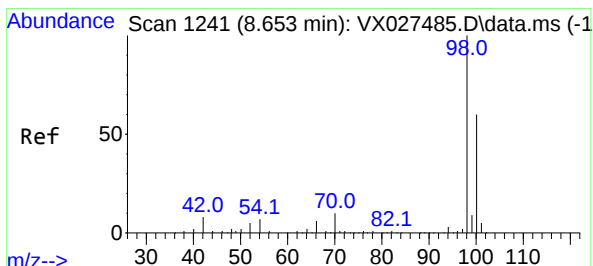
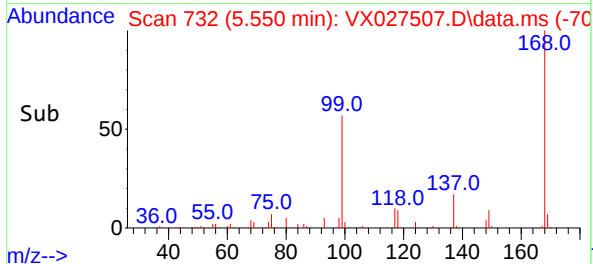
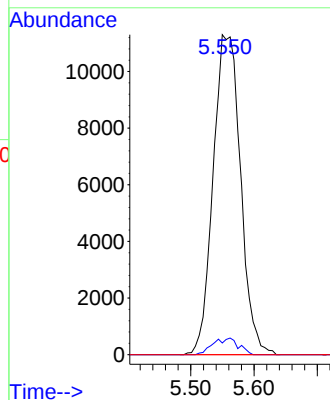
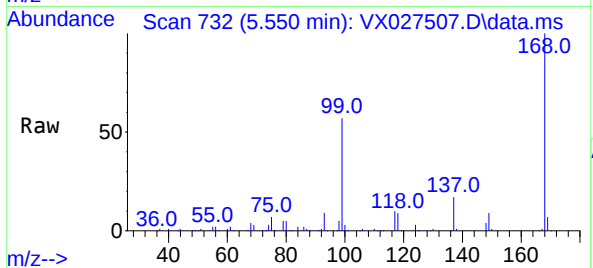




#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

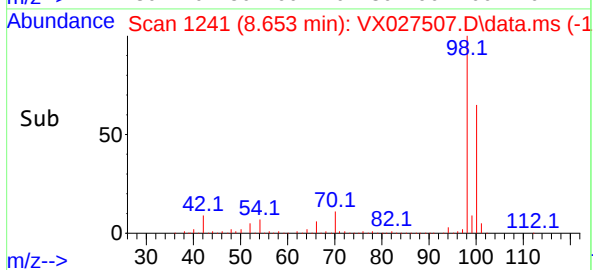
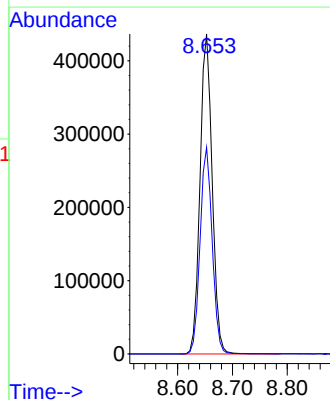
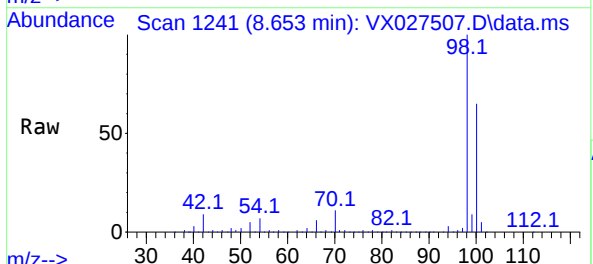
Instrument :
MSVOA_X
ClientSampleId :
MW-115

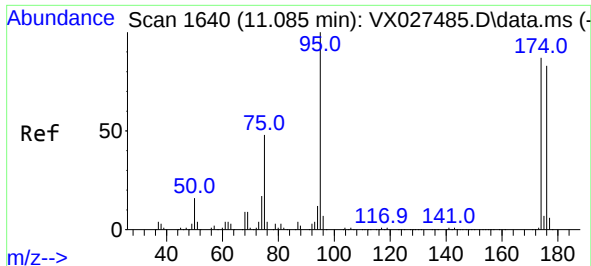
Tgt Ion:117 Resp: 33953
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.382 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

Tgt Ion: 98 Resp: 674398
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

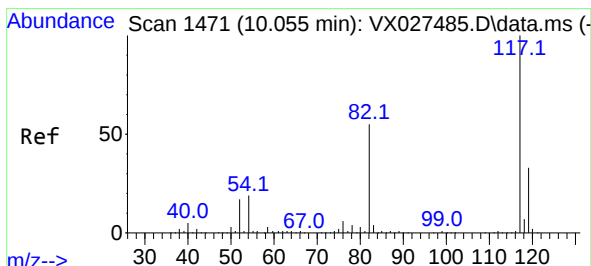
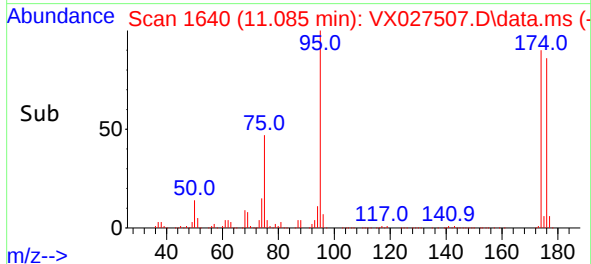
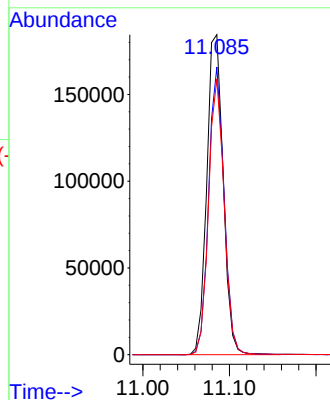
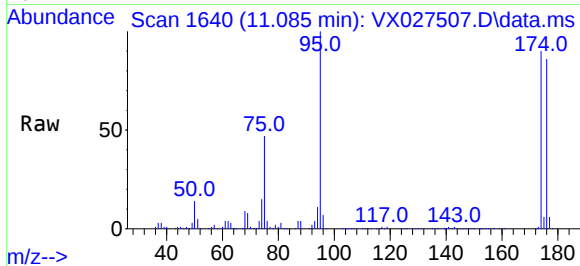




#62
4-Bromofluorobenzene
Concen: 46.498 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

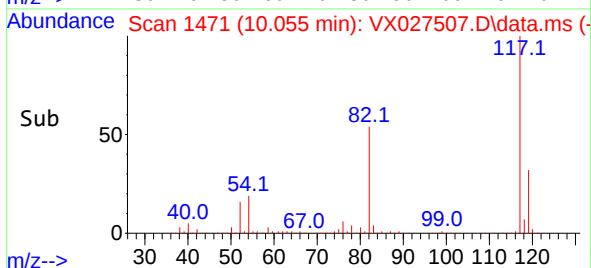
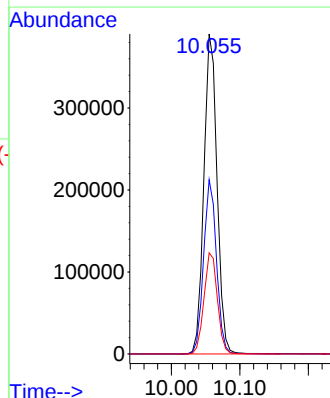
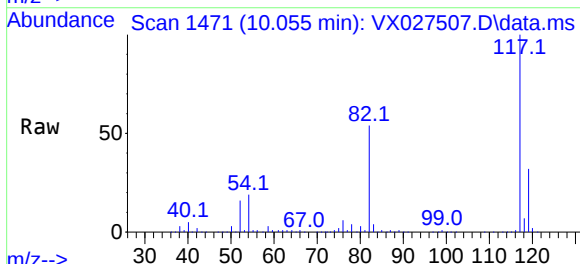
Instrument :
MSVOA_X
ClientSampleId :
MW-115

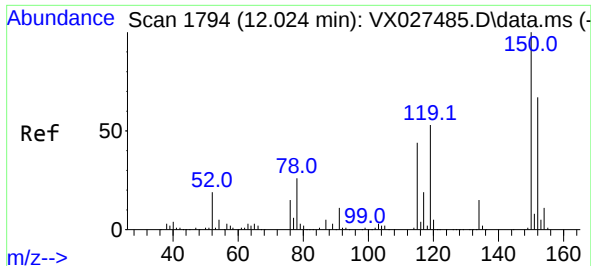
Tgt Ion: 95 Resp: 243252
Ion Ratio Lower Upper
95 100
174 84.6 0.0 163.0
176 81.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

Tgt Ion: 117 Resp: 522628
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 31.6 24.8 37.2

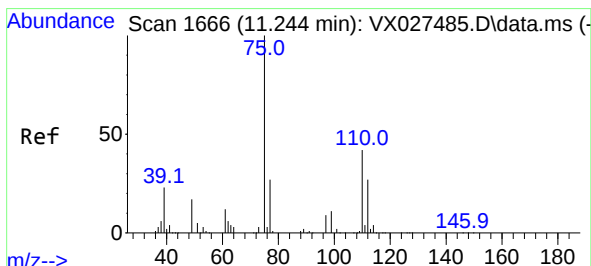
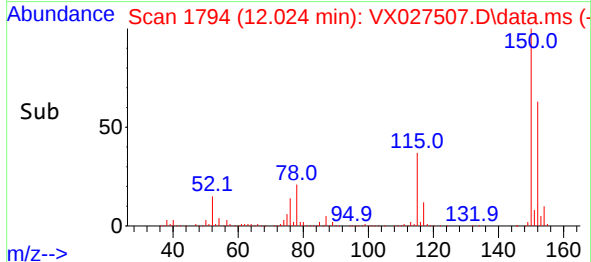
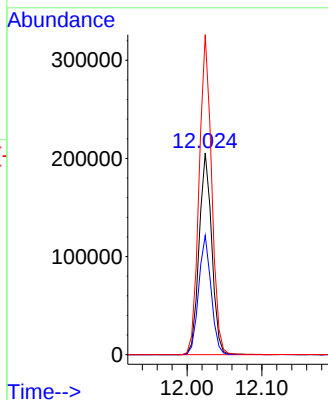
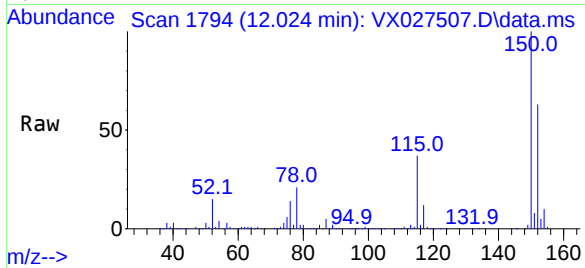




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

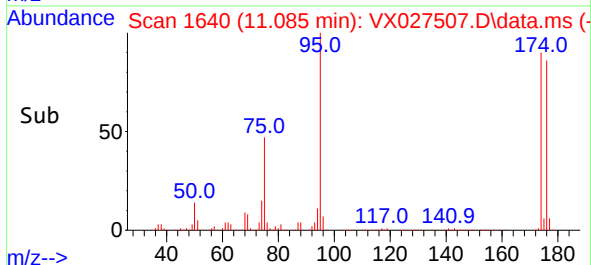
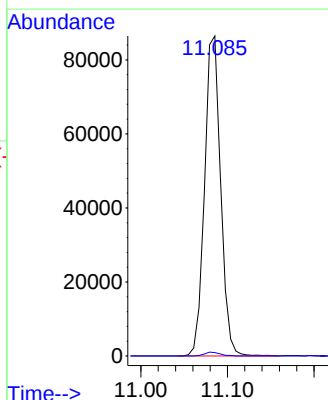
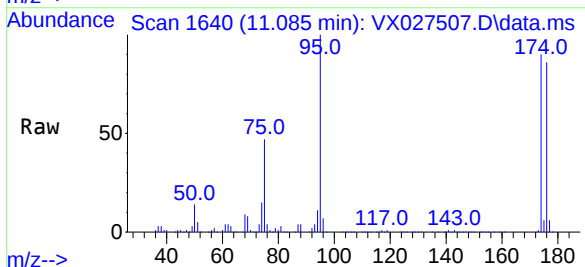
Instrument :
MSVOA_X
ClientSampleId :
MW-115

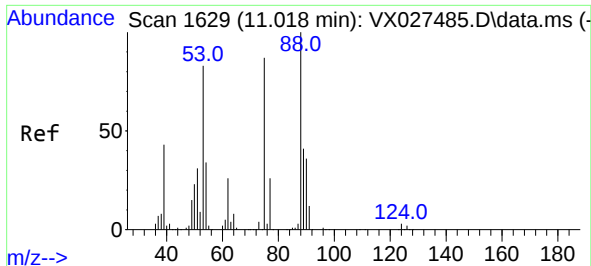
Tgt Ion:152 Resp: 241512
Ion Ratio Lower Upper
152 100
115 58.2 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.094 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027507.D
Acq: 17 Mar 2022 23:18

Tgt Ion: 75 Resp: 111608
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.099 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX027507.D
 Acq: 17 Mar 2022 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-115

Tgt Ion: 75 Resp: 111608
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

