

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027509.D
 Acq On : 18 Mar 2022 00:05
 Operator : JC/MD
 Sample : N1997-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-119

Quant Time: Mar 18 02:08:52 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)

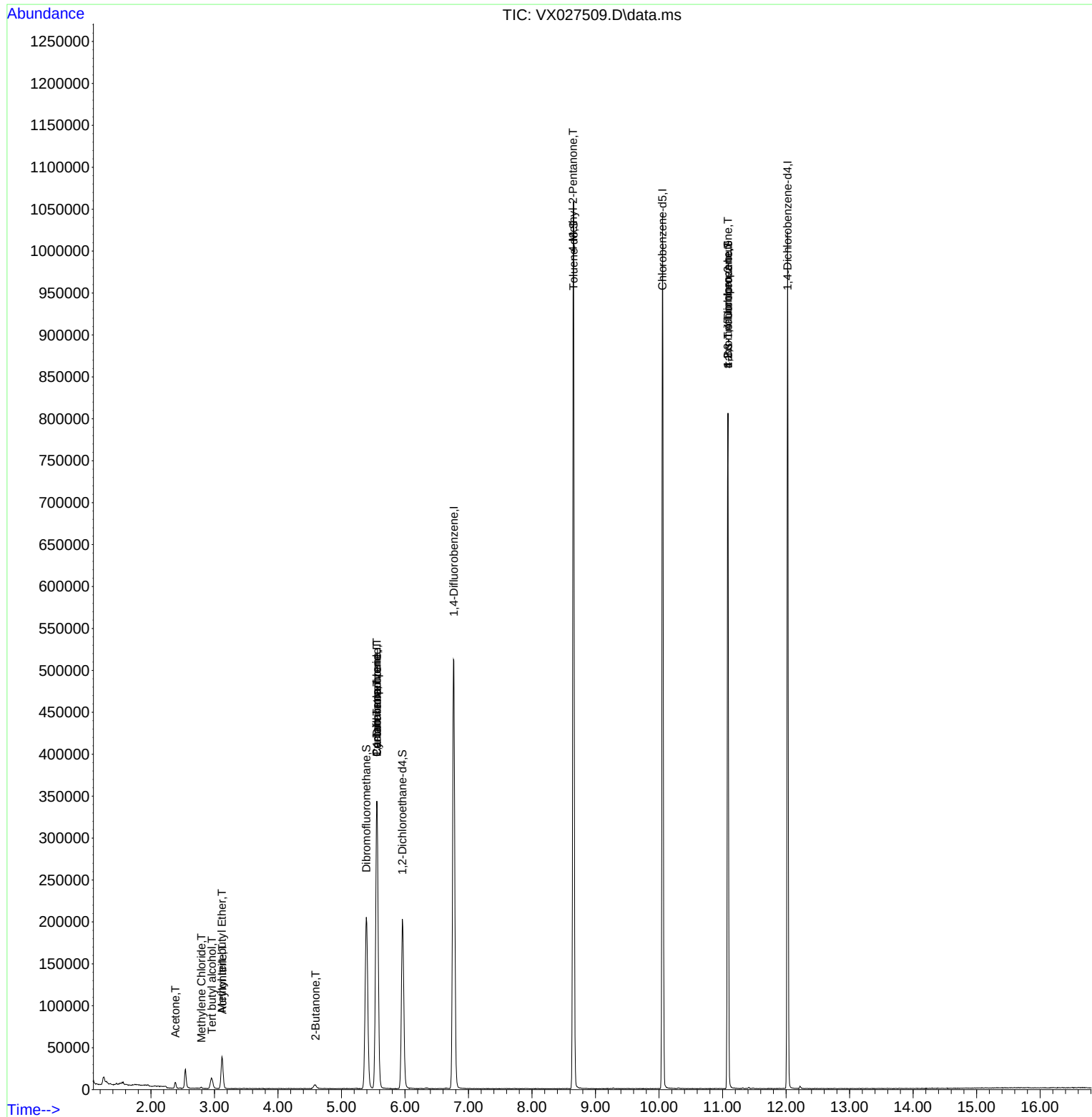
Internal Standards						
1) Pentafluorobenzene	5.556	168	347449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	569054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194576	45.459	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.920%
35) Dibromofluoromethane	5.391	113	185438	50.650	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.300%
50) Toluene-d8	8.653	98	647706	46.751	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.085	95	225501	44.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	550	Below Cal	#	72
11) Tert butyl alcohol	2.959	59	12220	14.980	ug/l #	91
15) Acrylonitrile	3.123	53	480	0.259	ug/l #	27
16) Acetone	2.386	43	7740	4.436	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	42668	3.920	ug/l	98
20) Methylene Chloride	2.794	84	832	0.222	ug/l	93
25) 2-Butanone	4.593	43	620	0.236	ug/l	90
31) Cyclohexane	5.556	56	5342	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22975	4.592	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33348	5.826	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2274	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	104706	23.153	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	104706	70.317	ug/l #	15

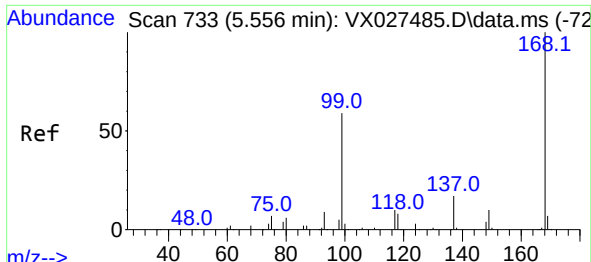
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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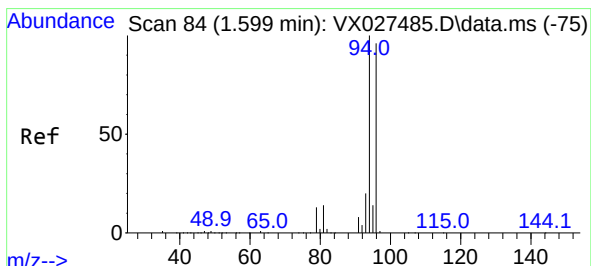
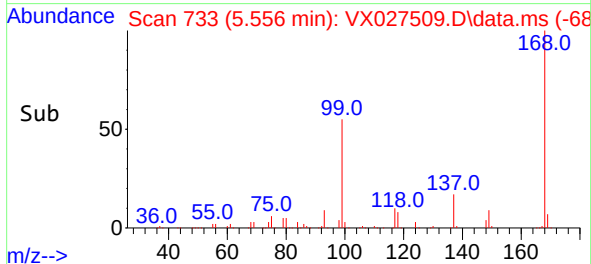
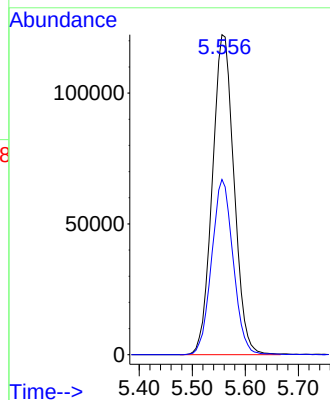
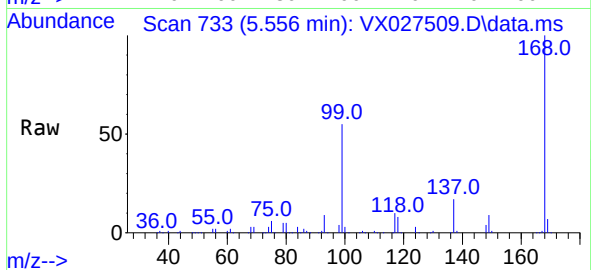




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

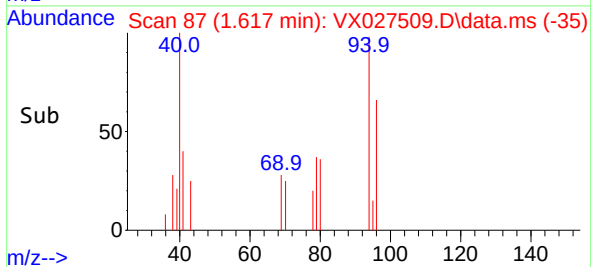
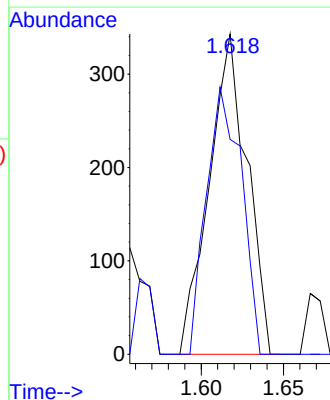
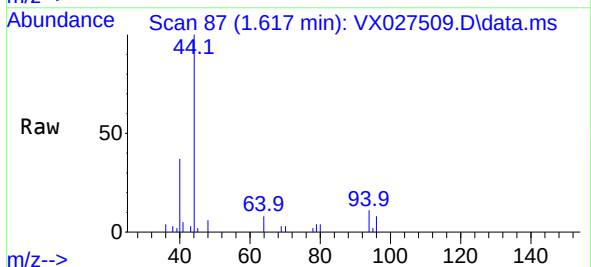
Instrument :
MSVOA_X
ClientSampleId :
MW-119

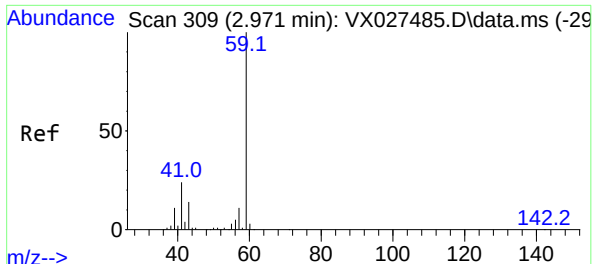
Tgt Ion:168 Resp: 347449
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 94 Resp: 550
Ion Ratio Lower Upper
94 100
96 67.1 75.3 112.9#





#11

Tert butyl alcohol

Concen: 14.980 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX027509.D

Acq: 18 Mar 2022 00:05

Instrument :

MSVOA_X

ClientSampleId :

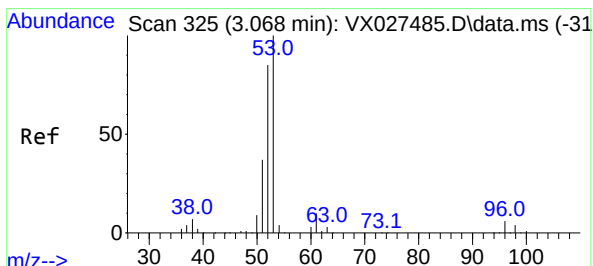
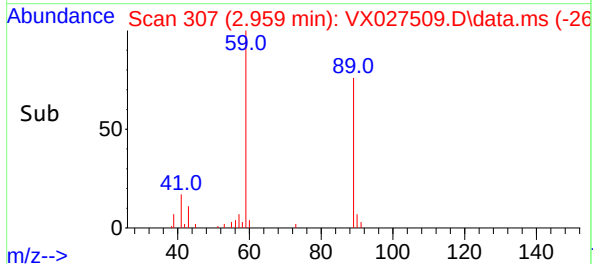
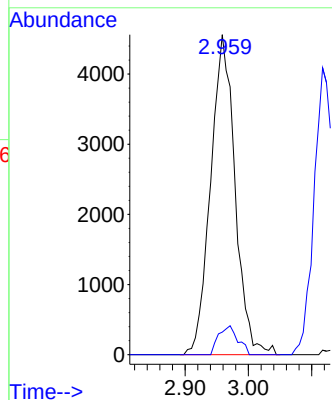
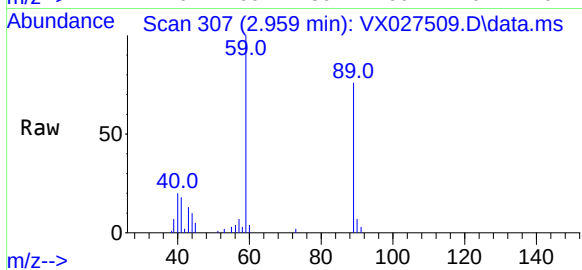
MW-119

Tgt Ion: 59 Resp: 12220

Ion Ratio Lower Upper

59 100

57 7.1 8.3 12.5#



#15

Acrylonitrile

Concen: 0.259 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.055 min

Lab File: VX027509.D

Acq: 18 Mar 2022 00:05

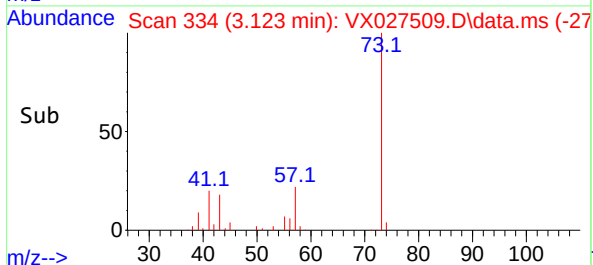
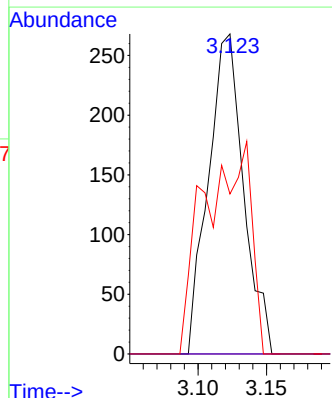
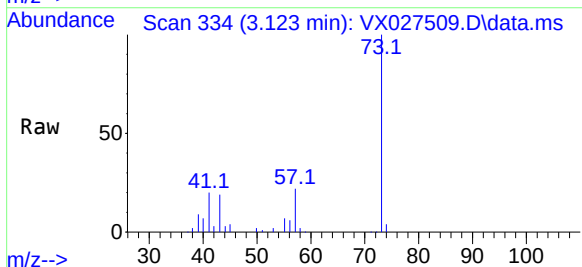
Tgt Ion: 53 Resp: 480

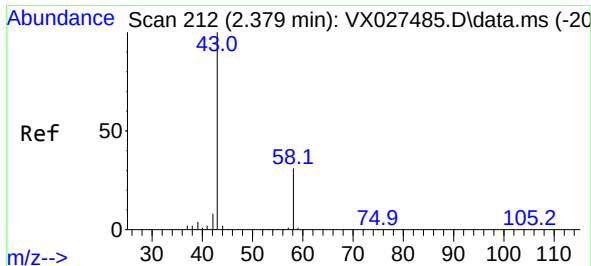
Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 53.1 28.4 42.6#

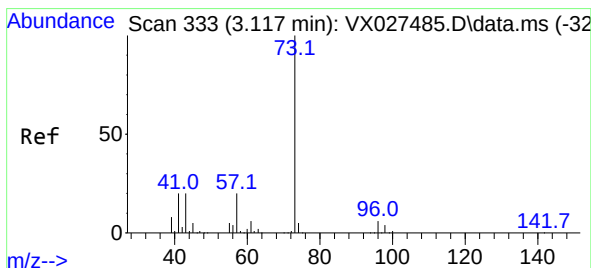
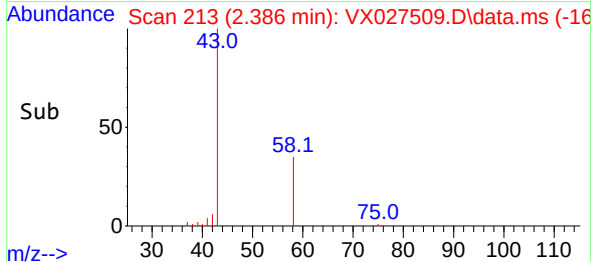
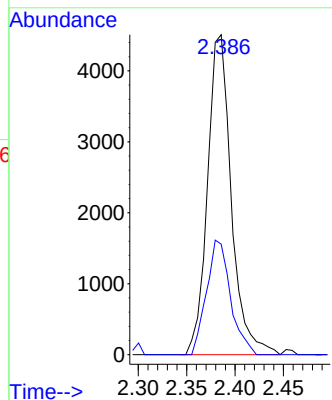
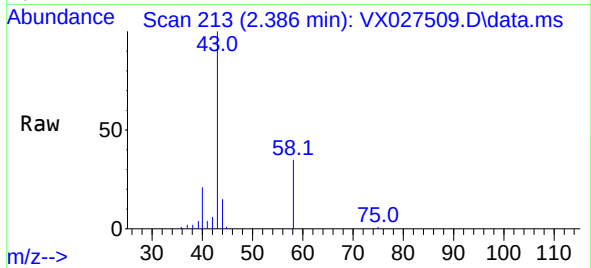




#16
Acetone
Concen: 4.436 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

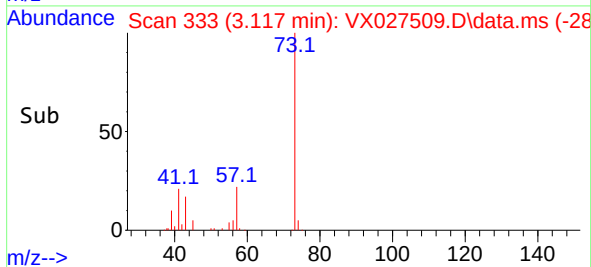
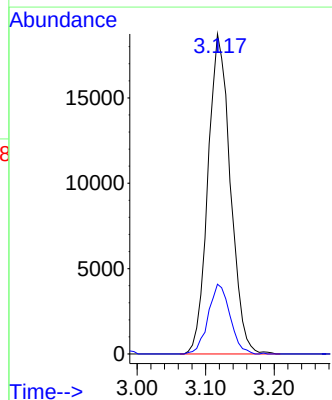
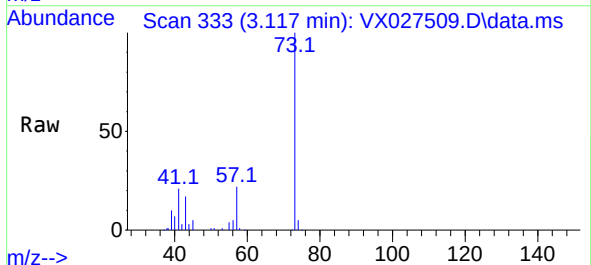
Instrument :
MSVOA_X
ClientSampleId :
MW-119

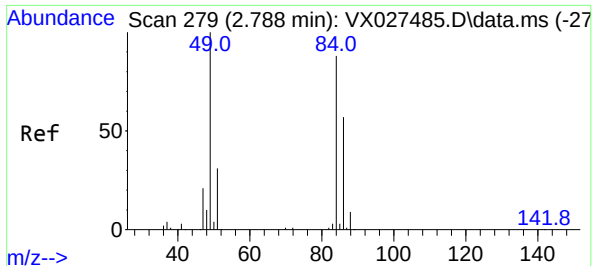
Tgt Ion: 43 Resp: 7740
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 3.920 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 73 Resp: 42668
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



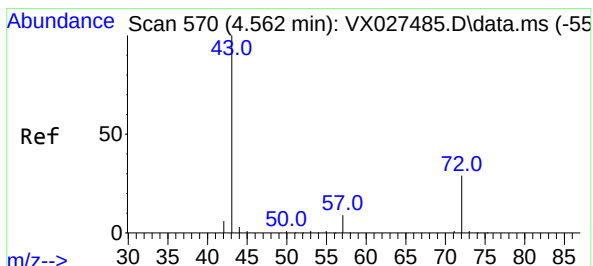
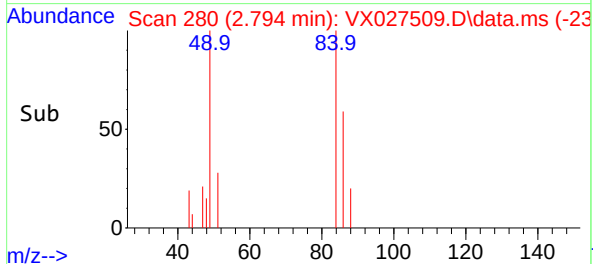
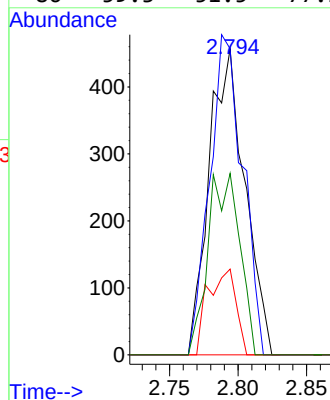
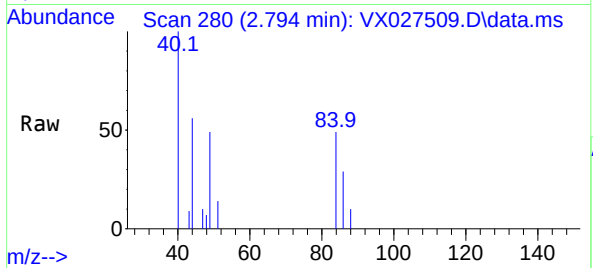


#20
Methylene Chloride
Concen: 0.222 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Instrument :
MSVOA_X
ClientSampleId :
MW-119

Tgt Ion: 84 Resp: 832

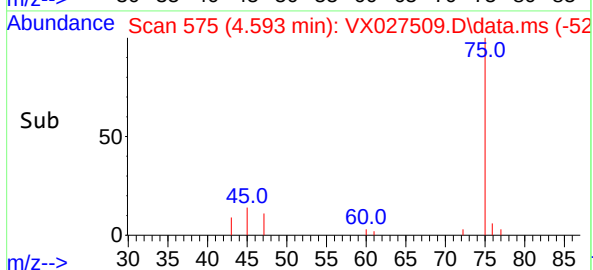
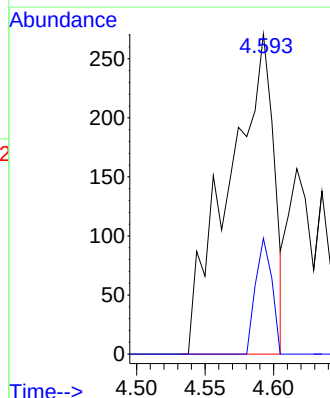
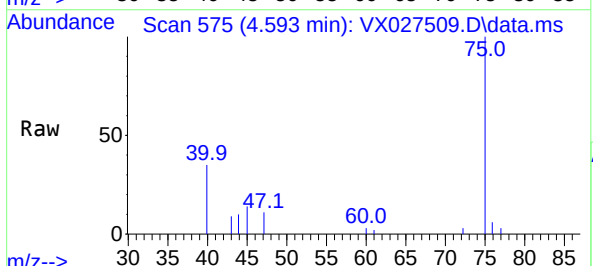
Ion	Ratio	Lower	Upper
84	100		
49	100.0	85.5	128.3
51	28.0	26.6	39.8
86	59.3	51.5	77.3

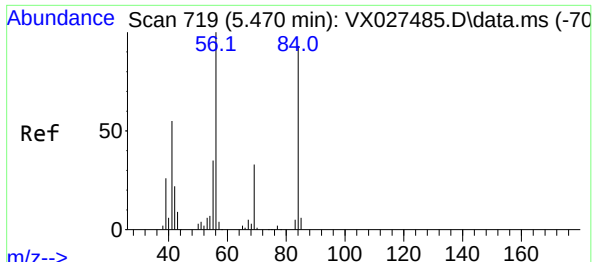


#25
2-Butanone
Concen: 0.236 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 43 Resp: 620

Ion	Ratio	Lower	Upper
43	100		
72	36.2	24.4	36.6

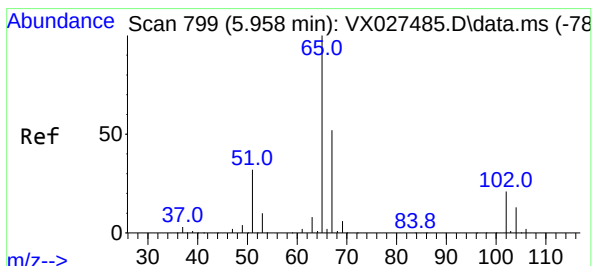
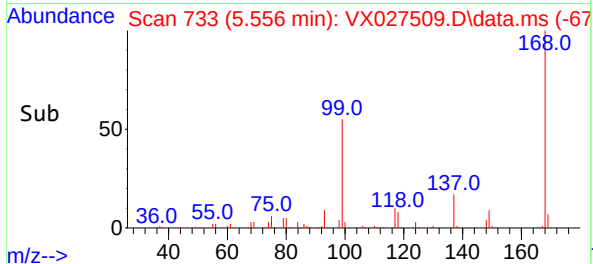
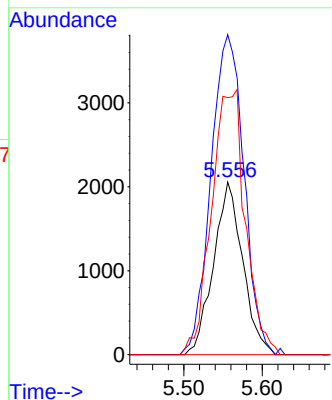
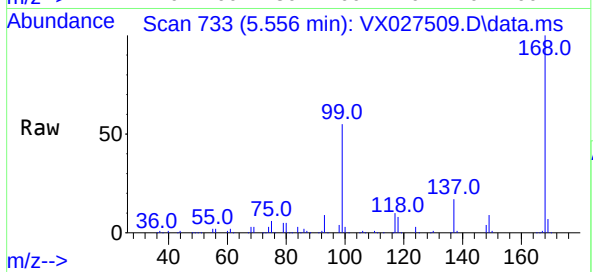




#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

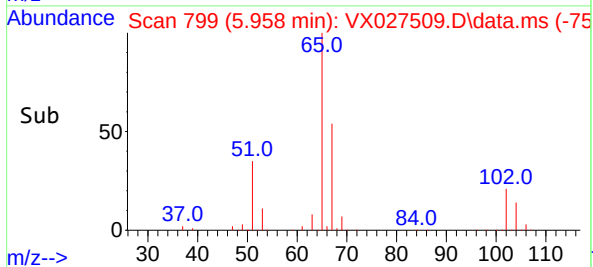
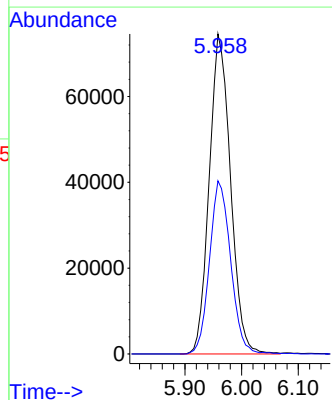
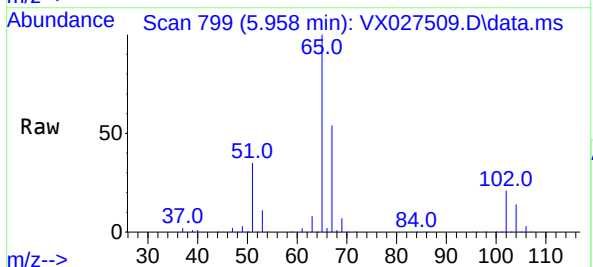
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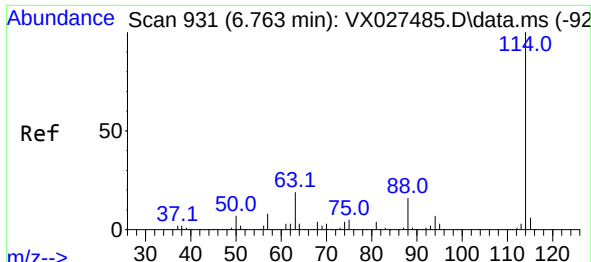
Tgt Ion: 56 Resp: 5342
Ion Ratio Lower Upper
56 100
69 185.3 26.7 40.1#
84 148.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 45.459 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 65 Resp: 194576
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.4

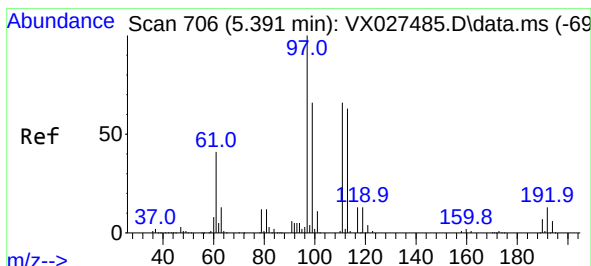
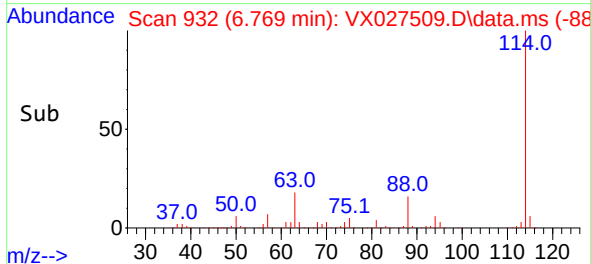
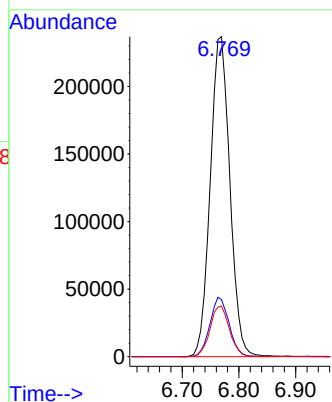
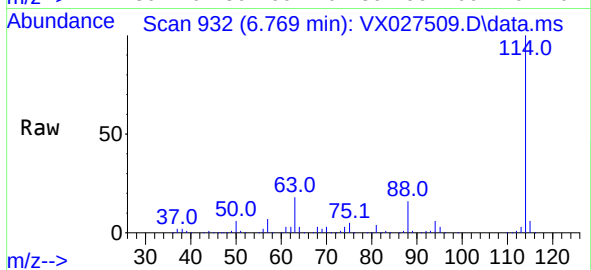




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

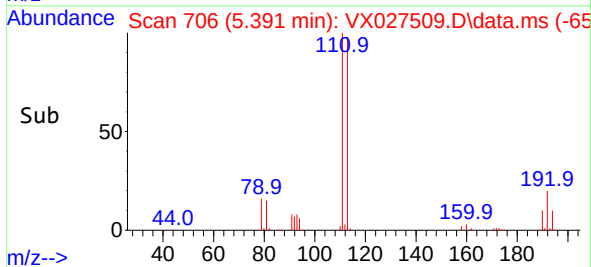
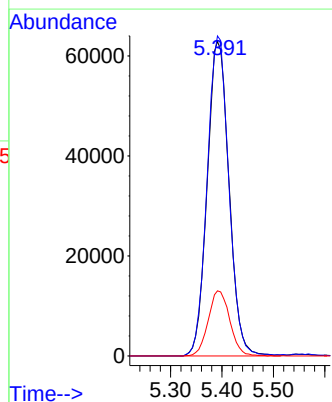
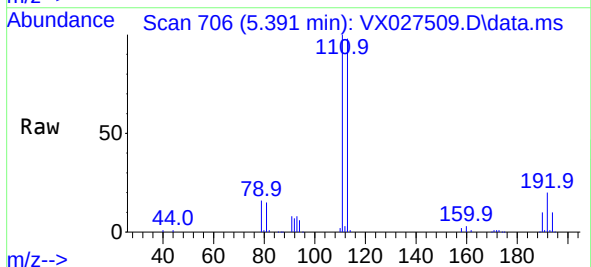
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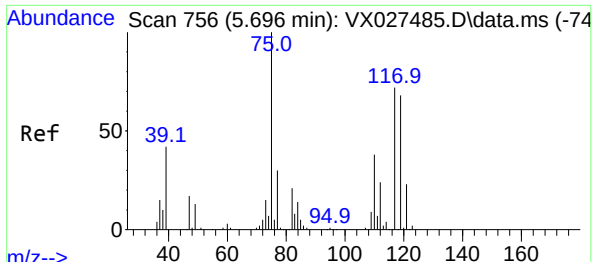
Tgt Ion:114 Resp: 569054
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.650 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion:113 Resp: 185438
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 20.5 16.9 25.3

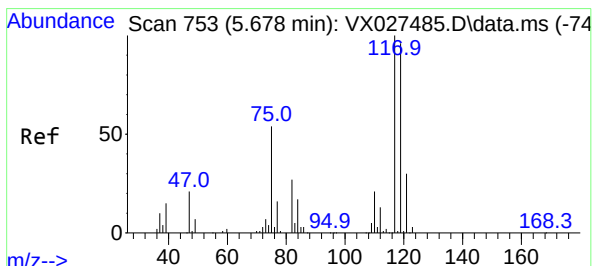
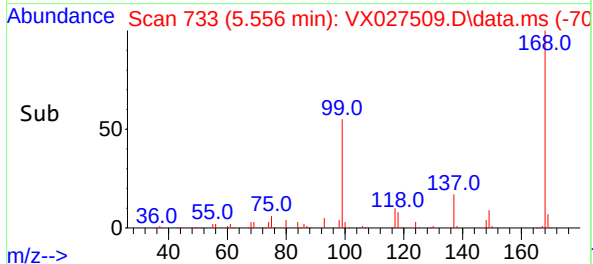
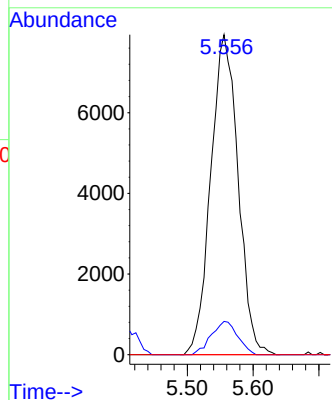
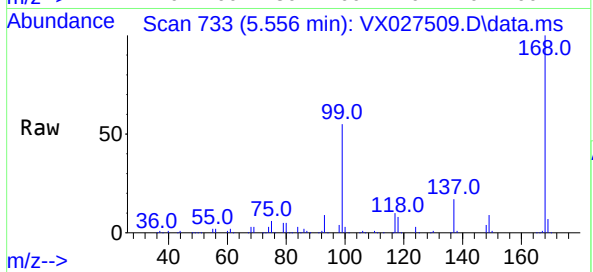




#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

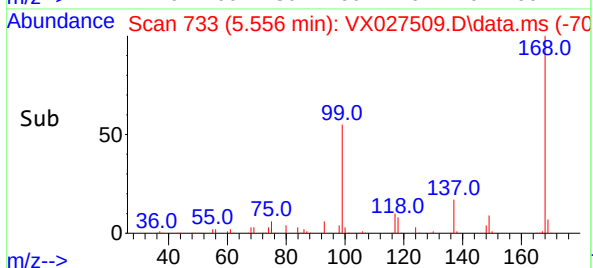
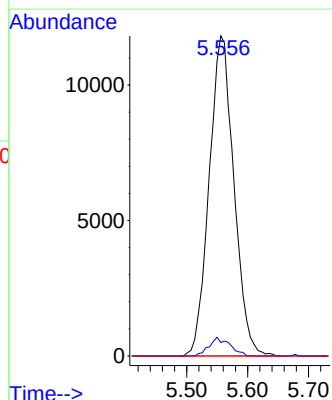
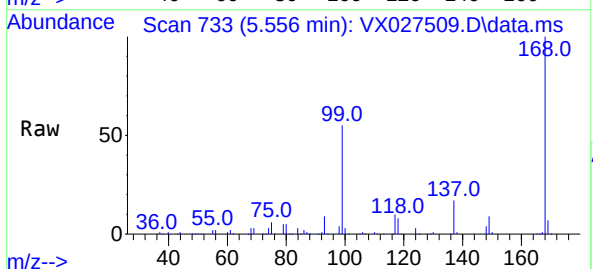
Instrument :
MSVOA_X
ClientSampleId :
MW-119

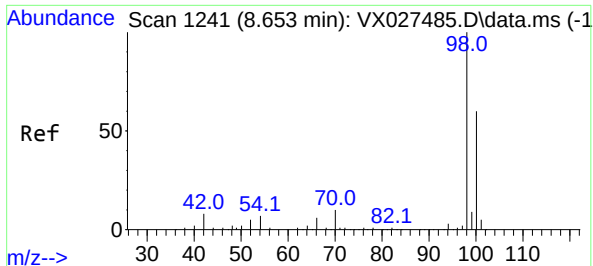
Tgt Ion: 75 Resp: 22975
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.826 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 117 Resp: 33348
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

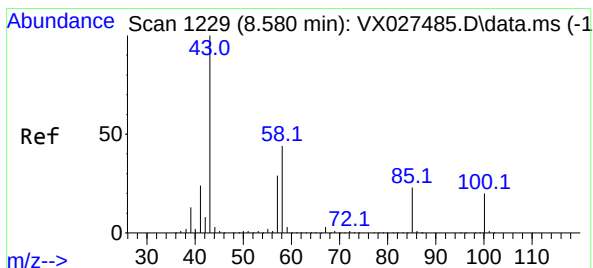
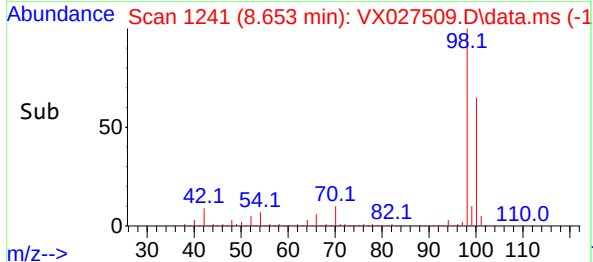
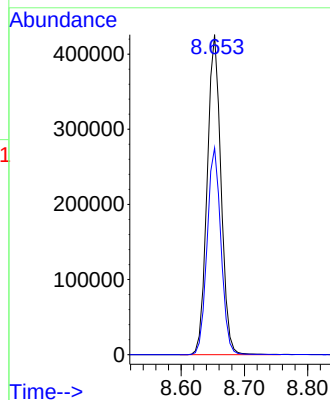
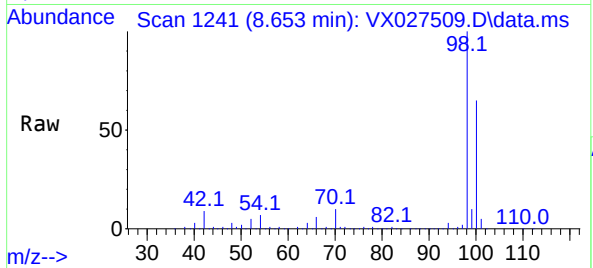




#50
Toluene-d8
Concen: 46.751 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

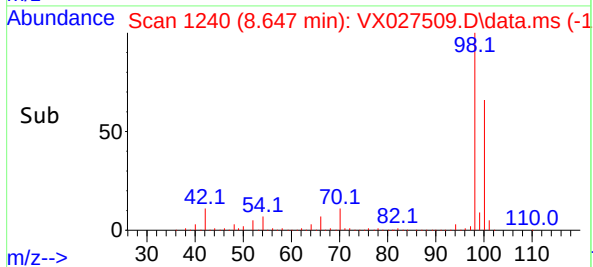
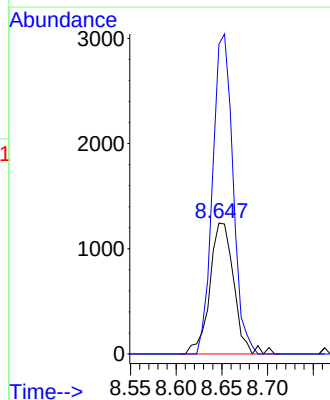
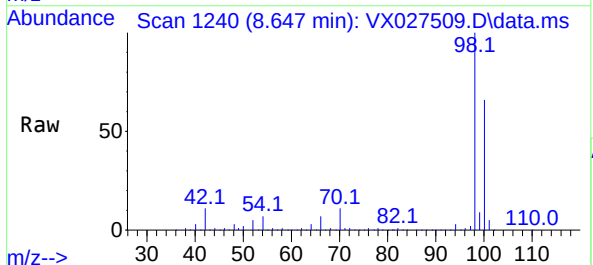
Instrument :
MSVOA_X
ClientSampleId :
MW-119

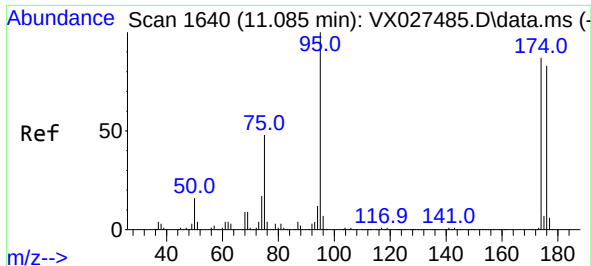
Tgt Ion: 98 Resp: 647706
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
58 206.9 36.1 54.1#

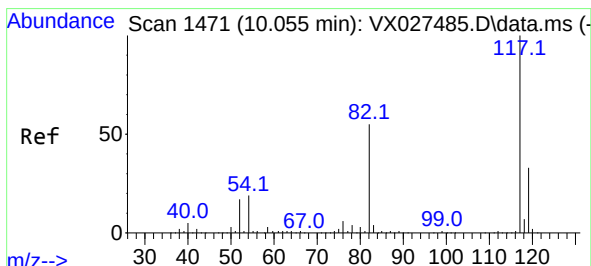
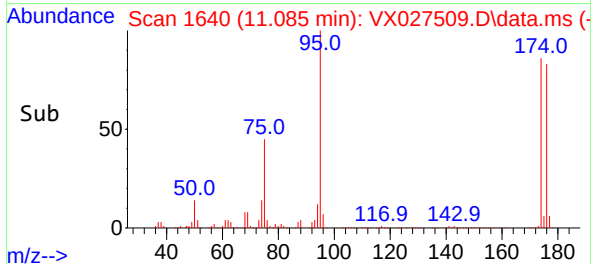
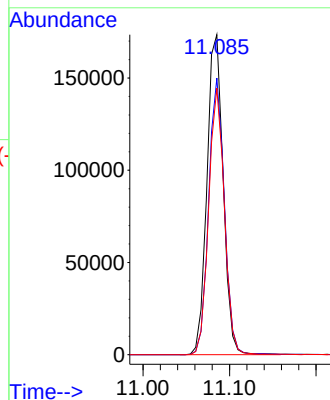
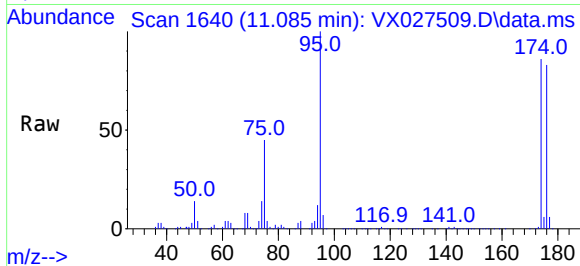




#62
4-Bromofluorobenzene
Concen: 44.283 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

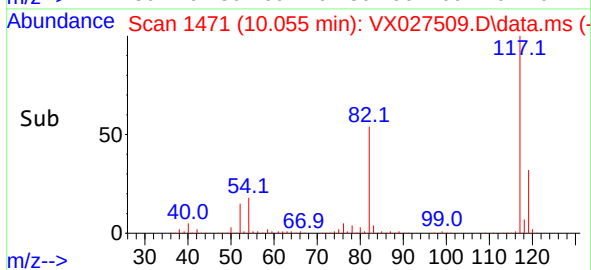
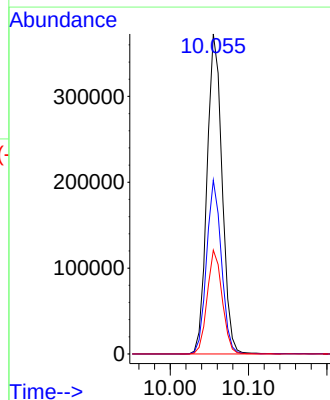
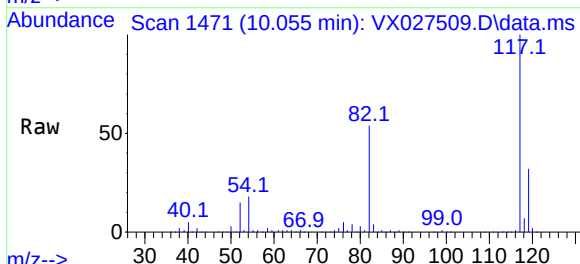
Instrument :
MSVOA_X
ClientSampleId :
MW-119

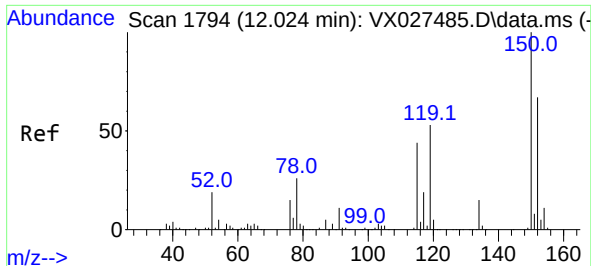
Tgt Ion: 95 Resp: 225501
Ion Ratio Lower Upper
95 100
174 83.7 0.0 163.0
176 80.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 117 Resp: 498142
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.4 24.8 37.2

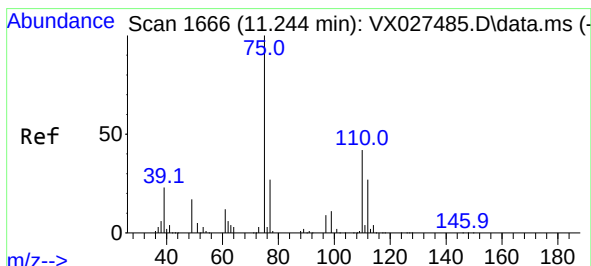
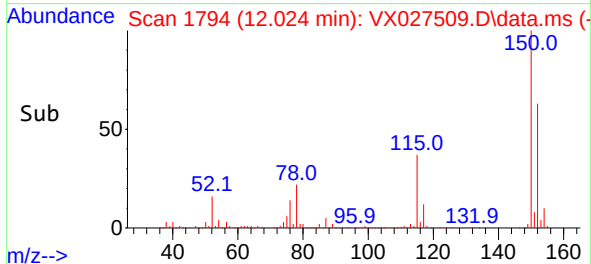
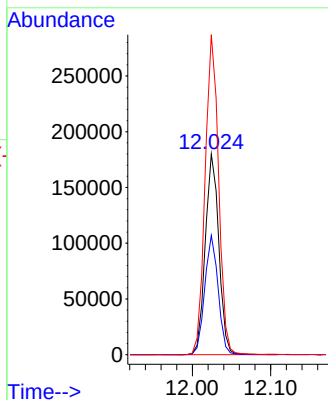
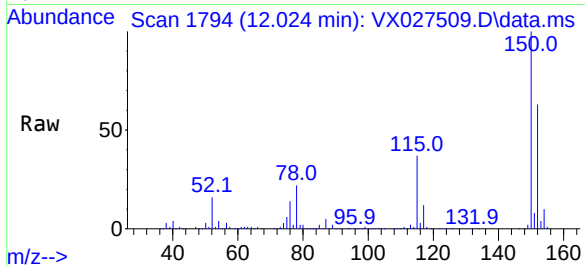




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

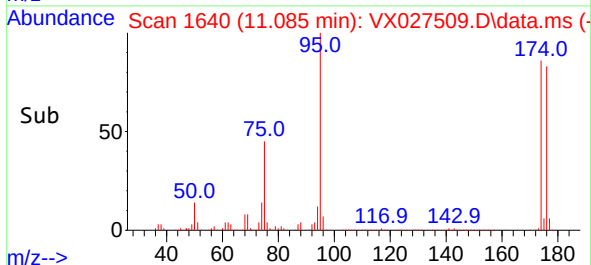
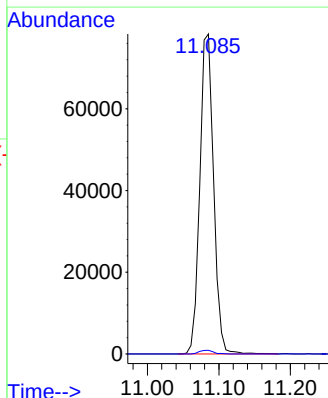
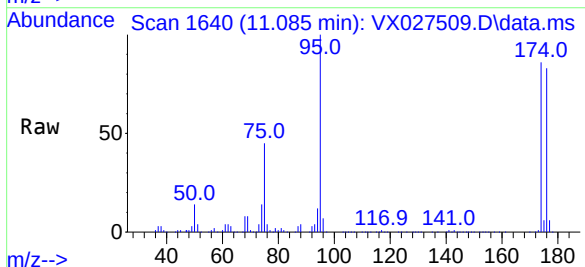
Instrument :
MSVOA_X
ClientSampleId :
MW-119

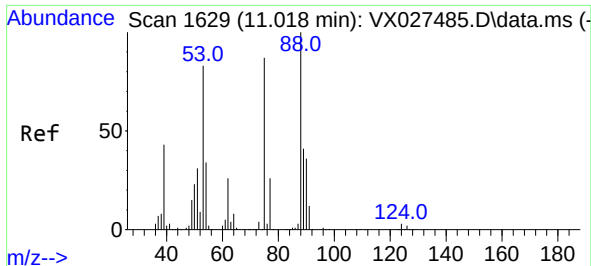
Tgt Ion:152 Resp: 216206
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 158.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.153 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027509.D
Acq: 18 Mar 2022 00:05

Tgt Ion: 75 Resp: 104706
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.317 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027509.D
 Acq: 18 Mar 2022 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-119

Tgt Ion: 75 Resp: 104706
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

