

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023799.D
 Acq On : 18 Aug 2021 06:13
 Operator : JC/MD
 Sample : M3429-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-3

Quant Time: Aug 18 07:05:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

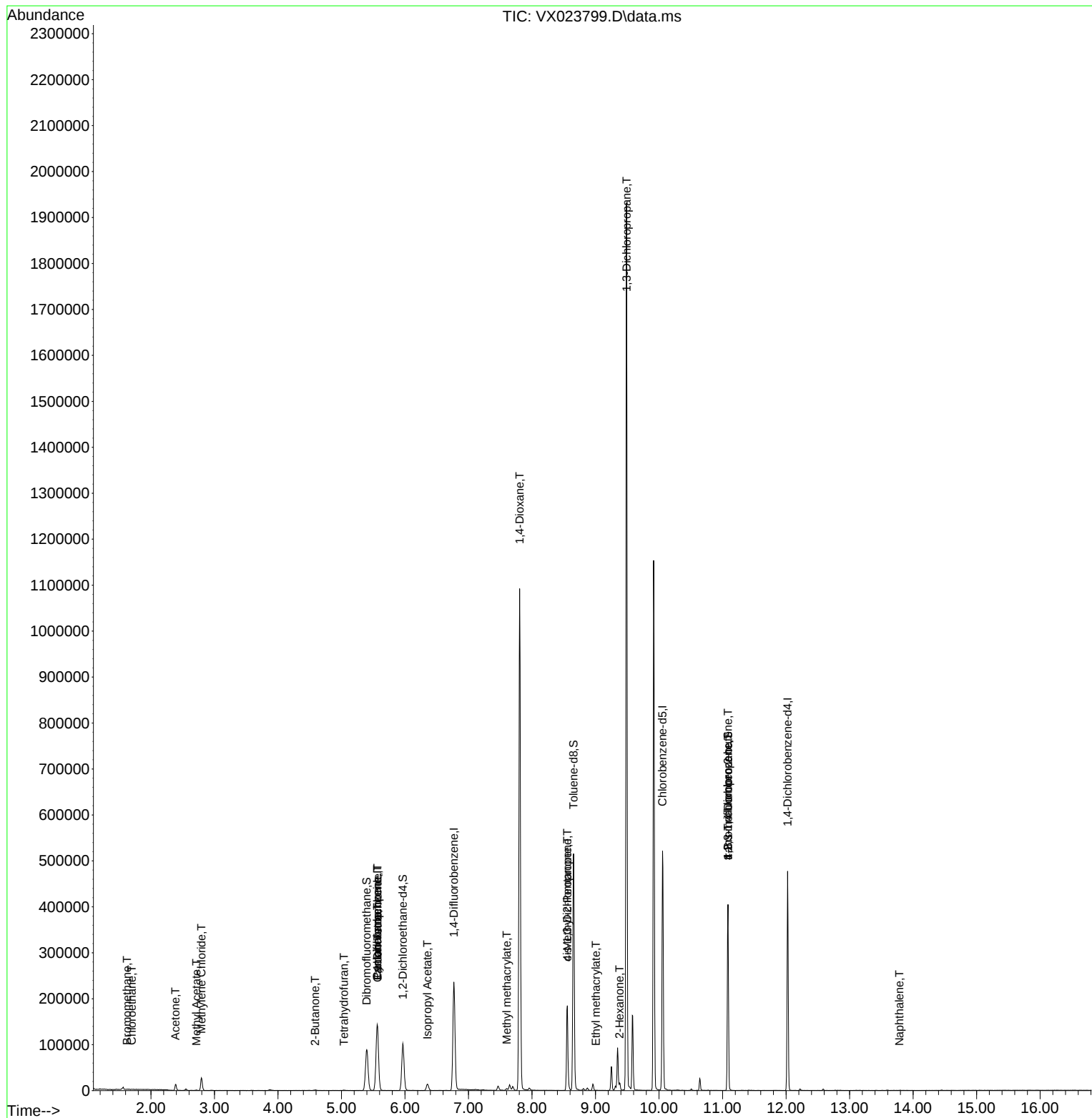
Internal Standards						
1) Pentafluorobenzene	5.562	168	134448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98176	52.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.640%	
35) Dibromofluoromethane	5.397	113	75857	49.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.860%	
50) Toluene-d8	8.653	98	296820	50.820	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	11.085	95	100785	46.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	315	0.330	ug/l #	57
6) Chloroethane	1.697	64	229	2.390	ug/l #	43
16) Acetone	2.386	43	14058	16.755	ug/l	91
18) Methyl Acetate	2.715	43	1169	0.558	ug/l #	86
20) Methylene Chloride	2.794	84	12253	7.645	ug/l	88
25) 2-Butanone	4.587	43	1832	1.442	ug/l	98
29) Tetrahydrofuran	5.038	42	705	0.856	ug/l #	38
31) Cyclohexane	5.562	56	3268	1.356	ug/l #	52
36) 1,1-Dichloropropene	5.562	75	10692	4.980	ug/l #	50
38) Carbon Tetrachloride	5.568	117	13597	6.073	ug/l #	16
43) Isopropyl Acetate	6.355	43	19069	4.619	ug/l #	91
48) Methyl methacrylate	7.604	41	5497	2.730	ug/l #	10
49) 1,4-Dioxane	7.806	88	124	2.913	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	65792	24.654	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	27965	10.874	ug/l #	70
56) Ethyl methacrylate	9.007	69	134	0.805	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	14980	5.333	ug/l #	42
59) 2-Hexanone	9.378	43	9236	4.503	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	54492	25.011	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54492	73.572	ug/l #	12
95) Naphthalene	13.786	128	87	1.295	ug/l #	69

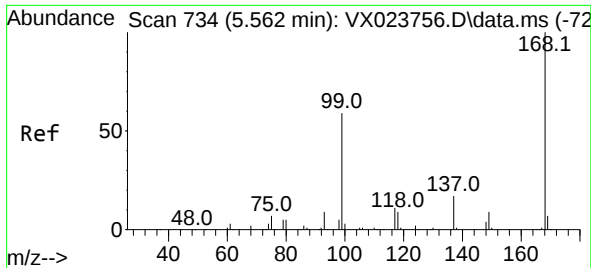
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
Data File : VX023799.D
Acq On : 18 Aug 2021 06:13
Operator : JC/MD
Sample : M3429-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-3

Quant Time: Aug 18 07:05:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

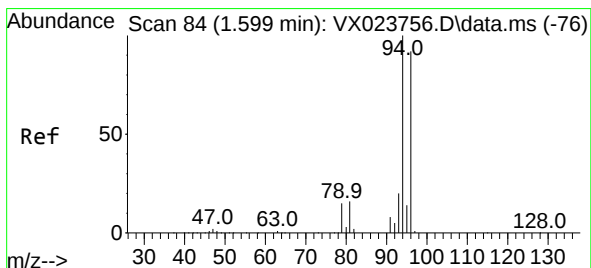
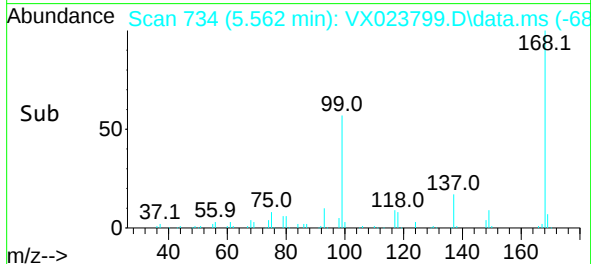
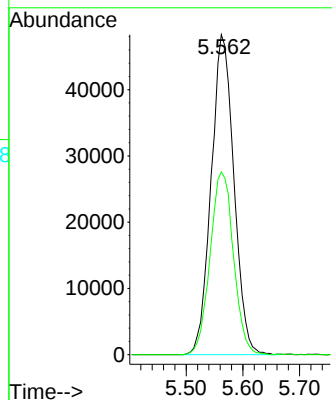
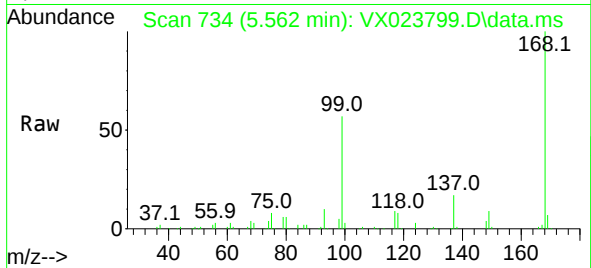




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

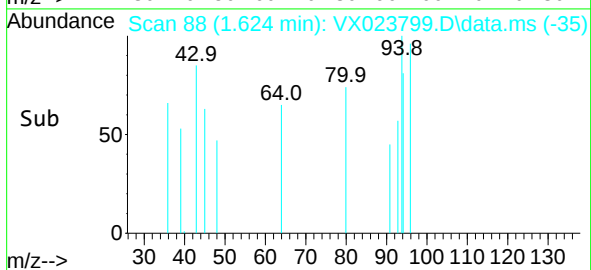
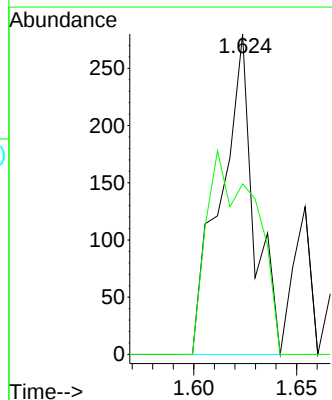
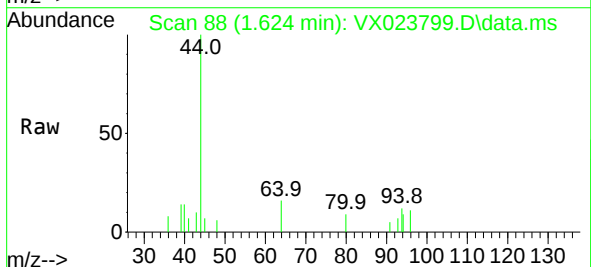
Instrument :
MSVOA_X
ClientSampled :
WC-3

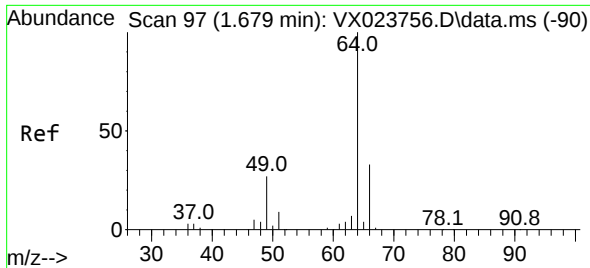
Tgt Ion:168 Resp: 134448
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.330 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 53.2 76.4 114.6#

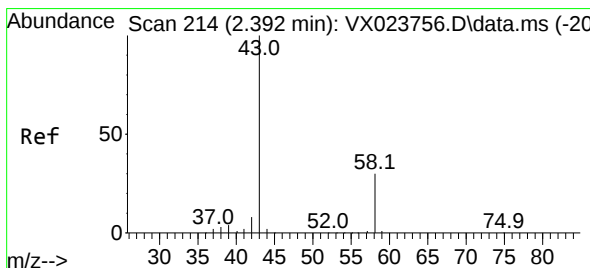
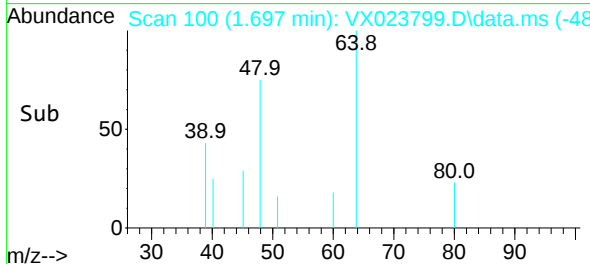
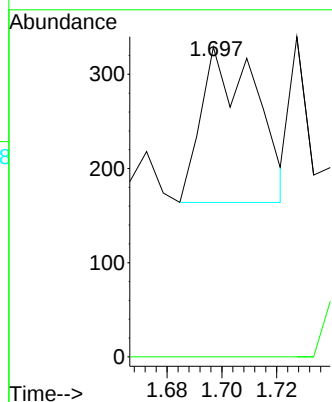
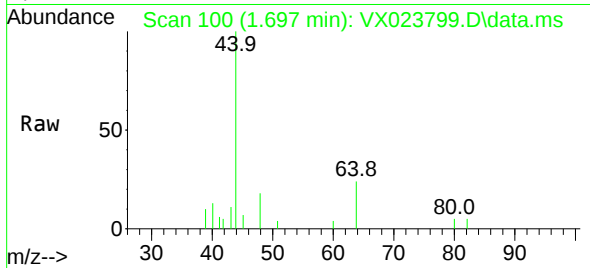




#6
Chloroethane
Concen: 2.390 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

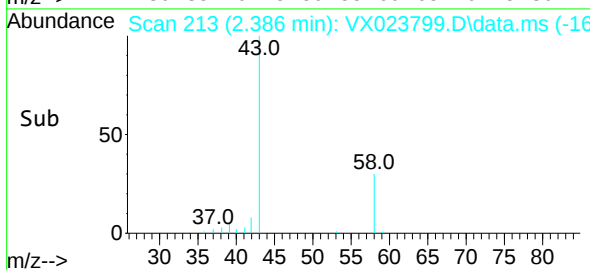
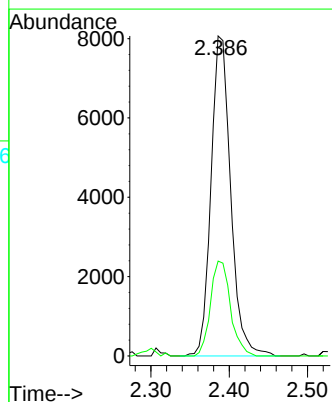
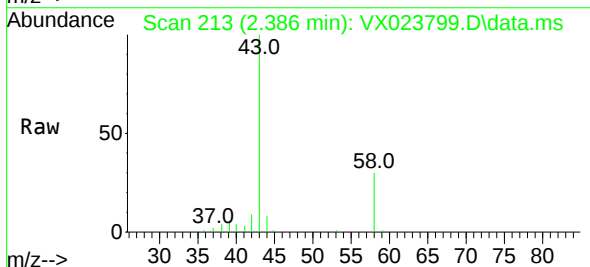
Instrument :
MSVOA_X
ClientSampled :
WC-3

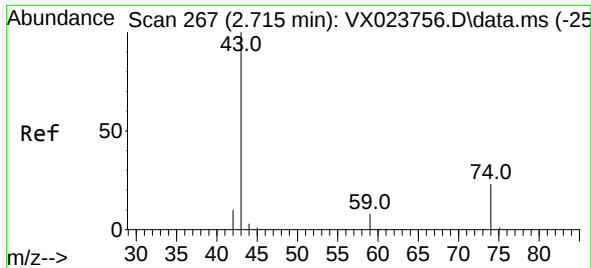
Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: 16.755 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 43 Resp: 14058
Ion Ratio Lower Upper
43 100
58 29.6 27.8 41.8

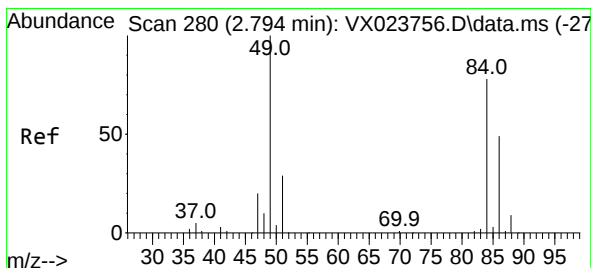
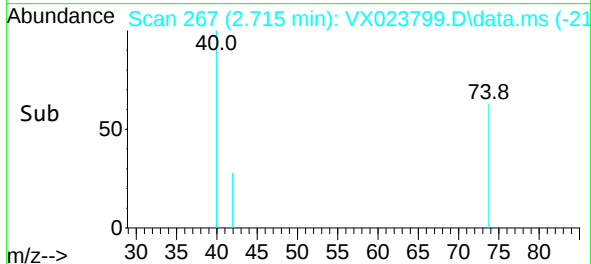
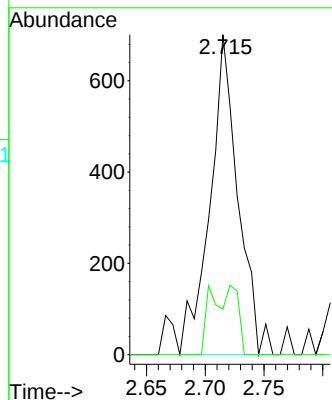
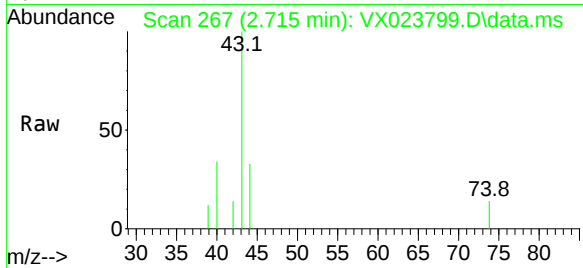




#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

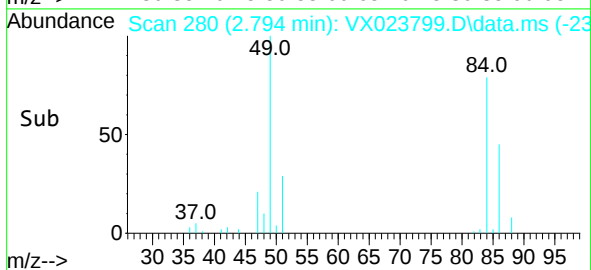
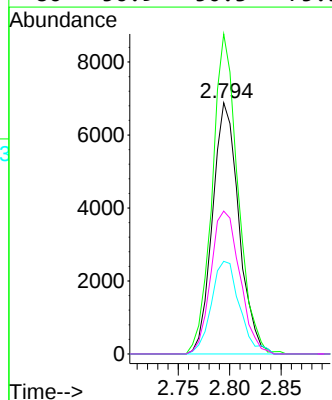
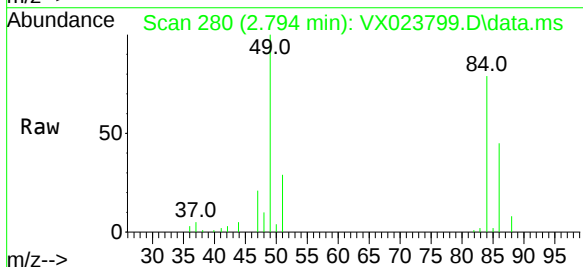
Instrument :
MSVOA_X
ClientSampled :
WC-3

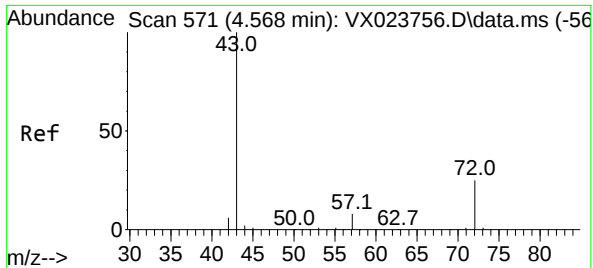
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
74 20.4 21.9 32.9#



#20
Methylene Chloride
Concen: 7.645 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 84 Resp: 12253
Ion Ratio Lower Upper
84 100
49 127.4 88.6 132.8
51 36.9 27.0 40.6
86 56.9 50.3 75.5

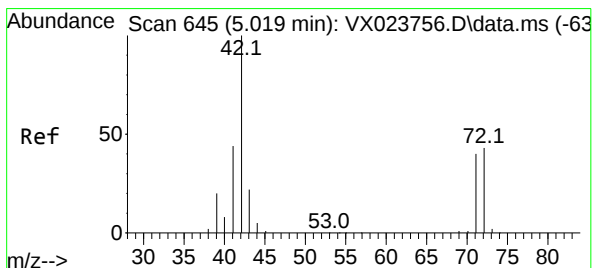
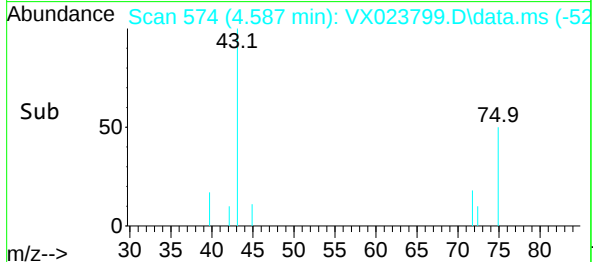
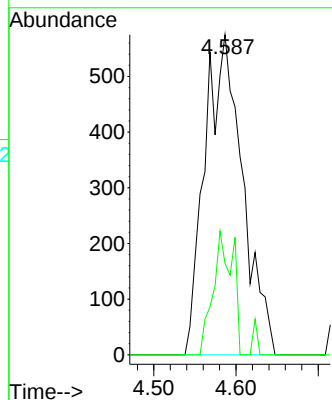
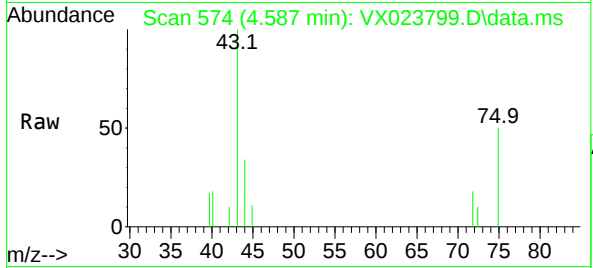




#25
2-Butanone
Concen: 1.442 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

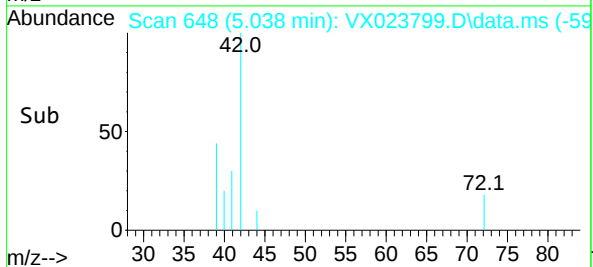
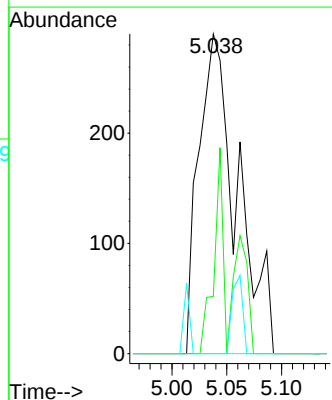
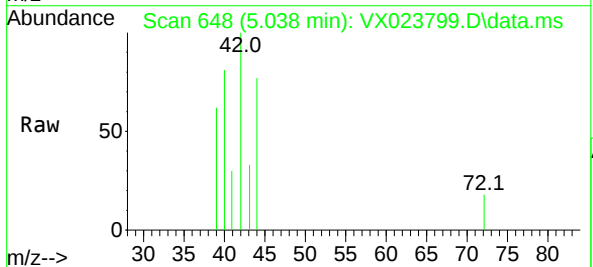
Instrument :
MSVOA_X
ClientSampled :
WC-3

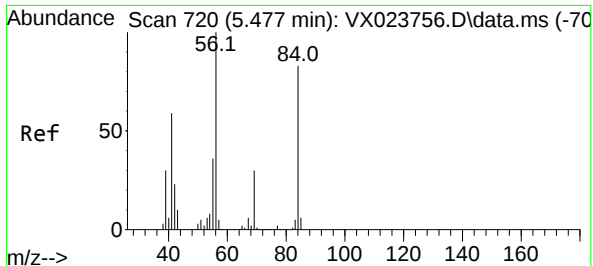
Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
72 28.5 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.856 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 42 Resp: 705
Ion Ratio Lower Upper
42 100
72 15.0 41.7 62.5#
71 0.0 38.4 57.6#

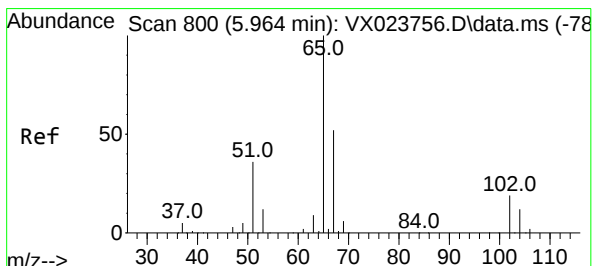
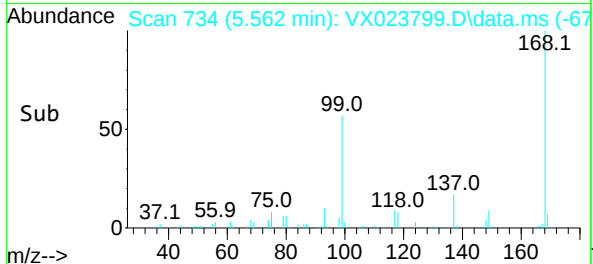
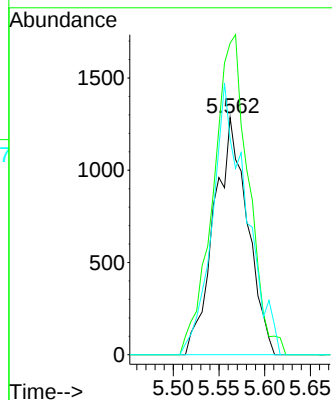
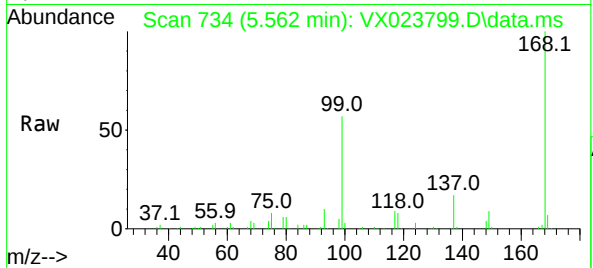




#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

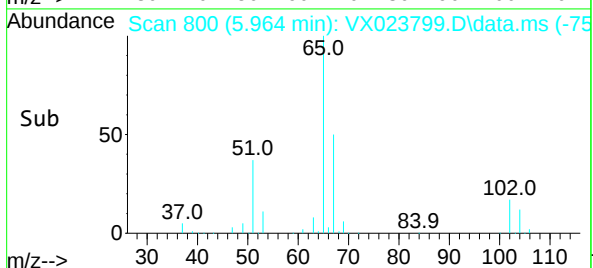
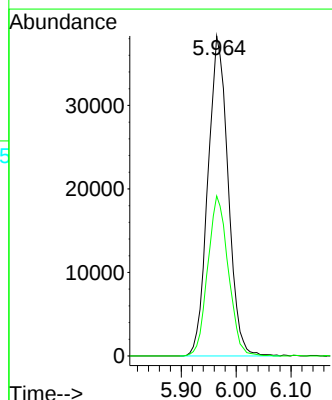
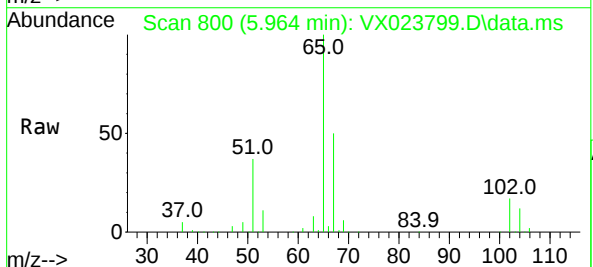
Instrument :
MSVOA_X
ClientSampled :
WC-3

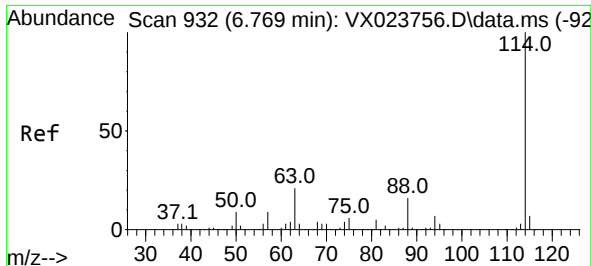
Tgt Ion: 56 Resp: 3268
Ion Ratio Lower Upper
56 100
69 131.3 25.3 37.9#
84 90.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.320 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 65 Resp: 98176
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

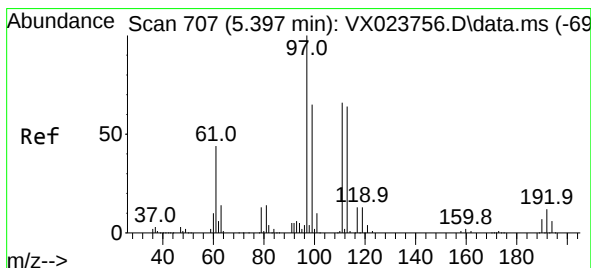
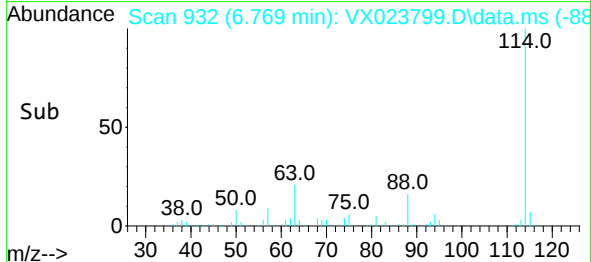
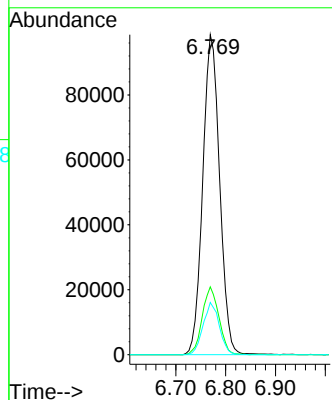
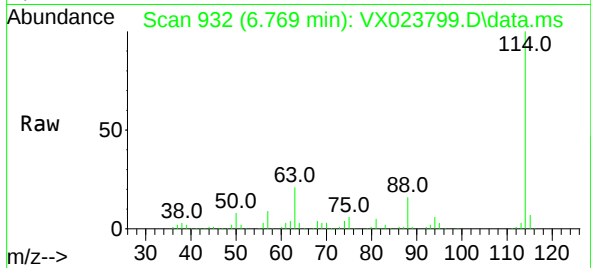




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

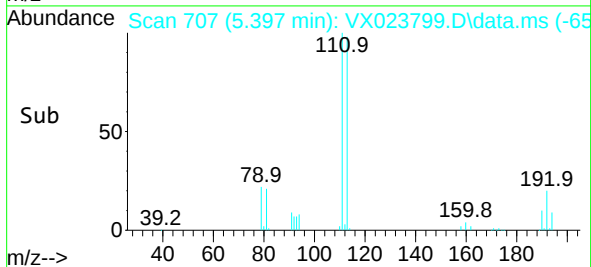
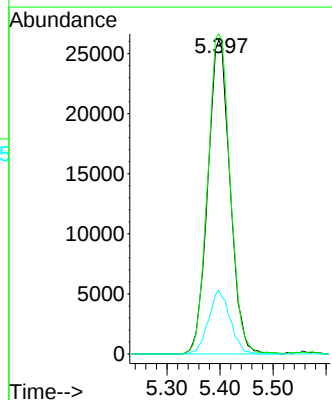
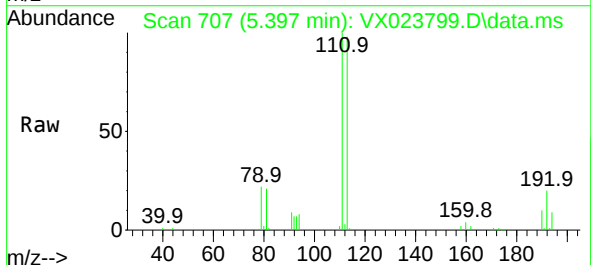
Instrument :
MSVOA_X
ClientSampleId :
WC-3

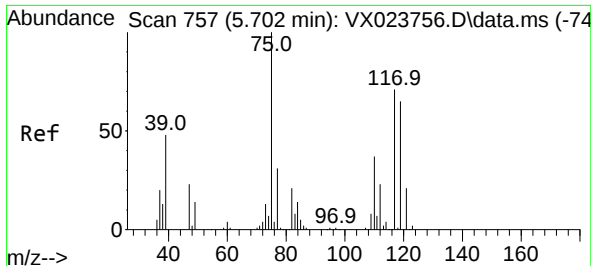
Tgt Ion:114 Resp: 231848
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.433 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion:113 Resp: 75857
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.980 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023799.D

Acq: 18 Aug 2021 06:13

Tgt Ion: 75 Resp: 10692

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.4#

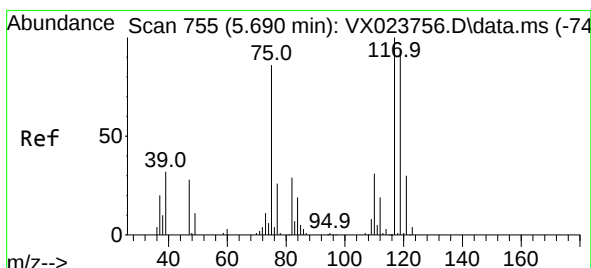
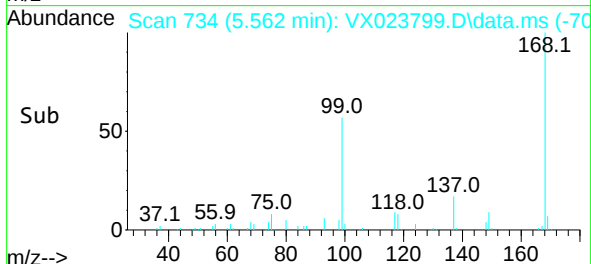
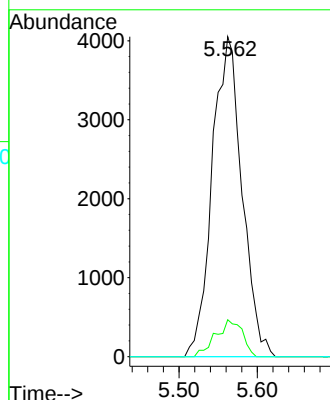
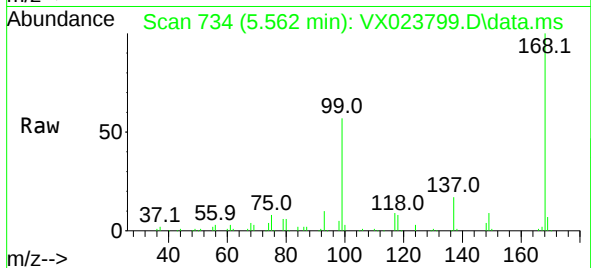
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

WC-3



#38

Carbon Tetrachloride

Concen: 6.073 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX023799.D

Acq: 18 Aug 2021 06:13

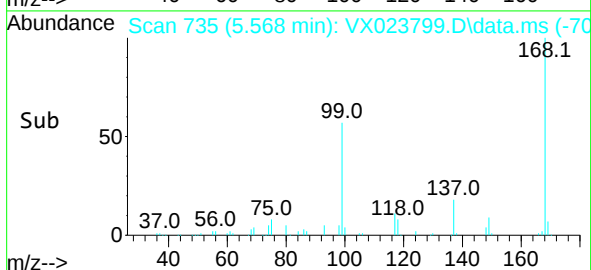
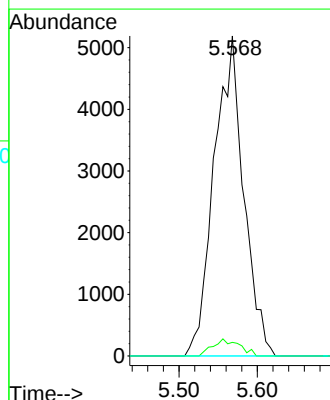
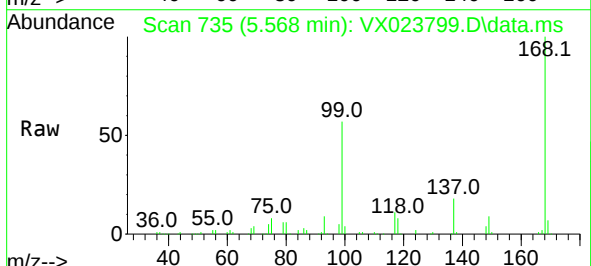
Tgt Ion: 117 Resp: 13597

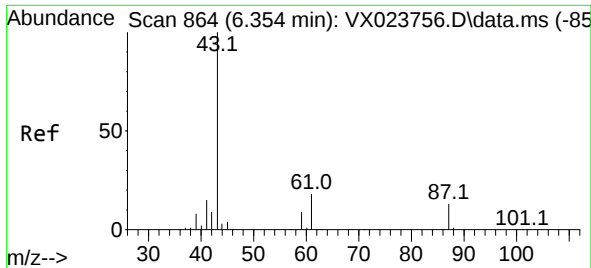
Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

121 0.0 24.8 37.2#

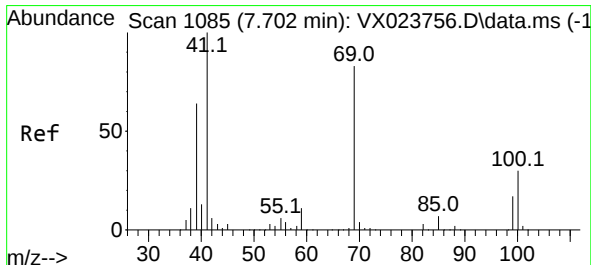
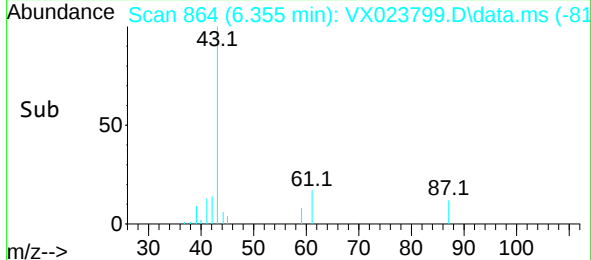
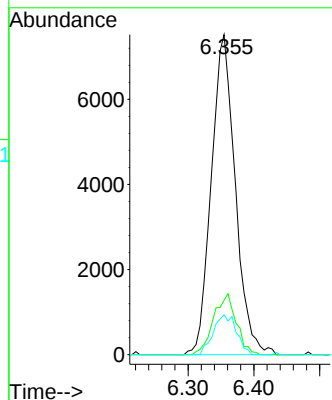
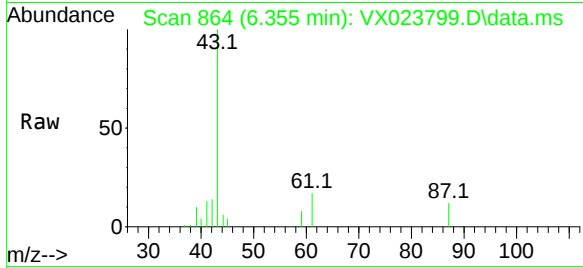




#43
Isopropyl Acetate
Concen: 4.619 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

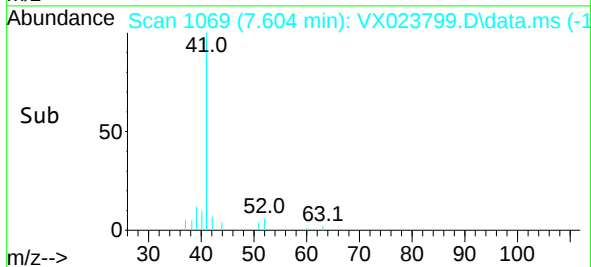
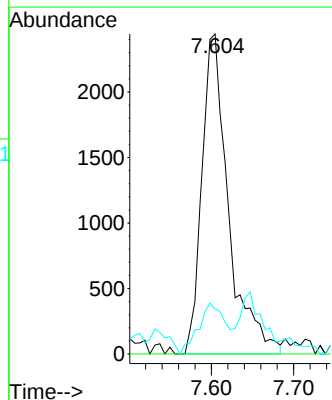
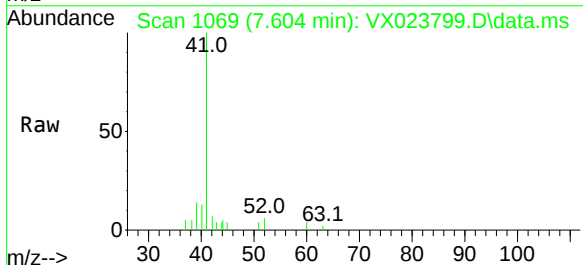
Instrument :
MSVOA_X
ClientSampled :
WC-3

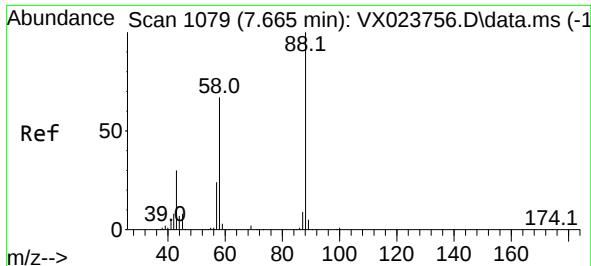
Tgt Ion: 43 Resp: 19069
Ion Ratio Lower Upper
43 100
61 18.1 18.2 27.4#
87 12.0 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.730 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 41 Resp: 5497
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 2.913 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.141 min

Lab File: VX023799.D

Acq: 18 Aug 2021 06:13

Tgt Ion: 88 Resp: 124

Ion Ratio Lower Upper

88 100

43 781200.0 23.2 34.8#

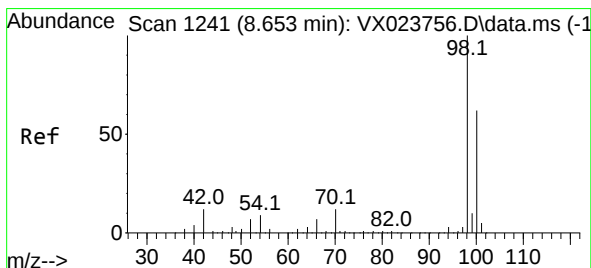
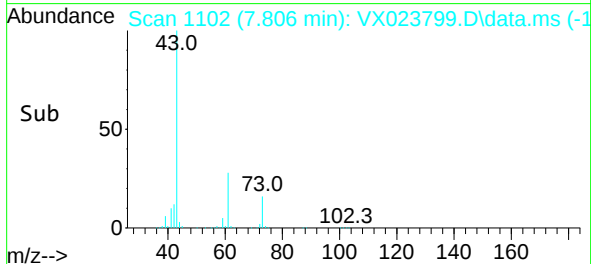
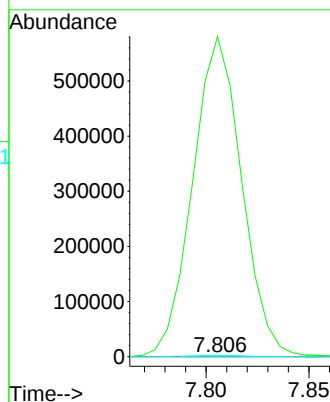
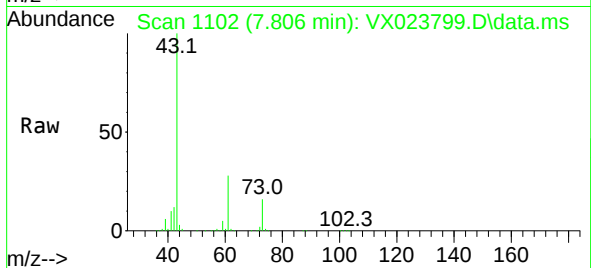
58 3775.0 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :

WC-3



#50

Toluene-d8

Concen: 50.820 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023799.D

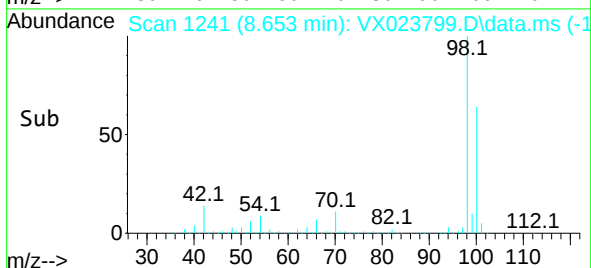
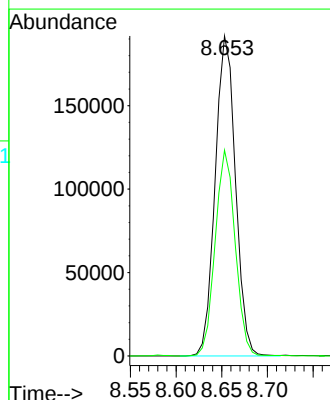
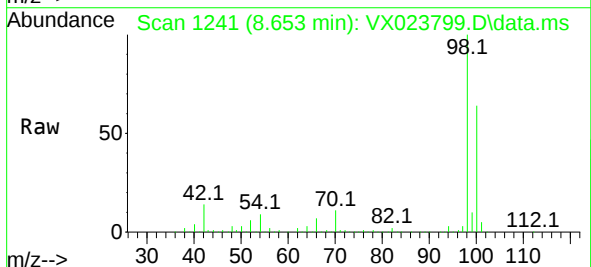
Acq: 18 Aug 2021 06:13

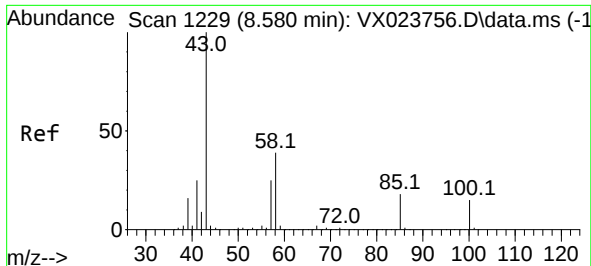
Tgt Ion: 98 Resp: 296820

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9

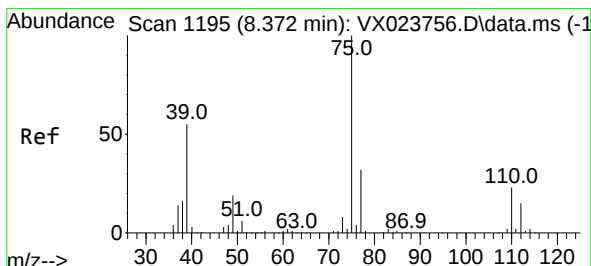
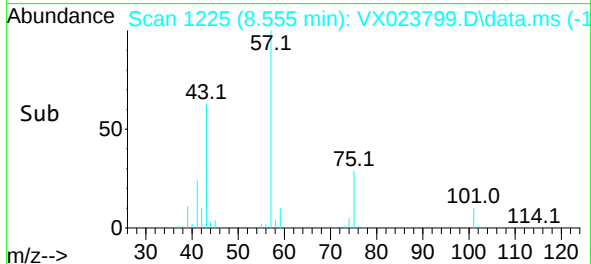
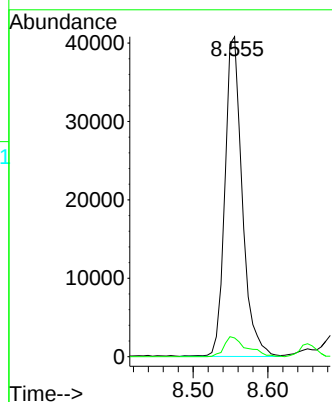
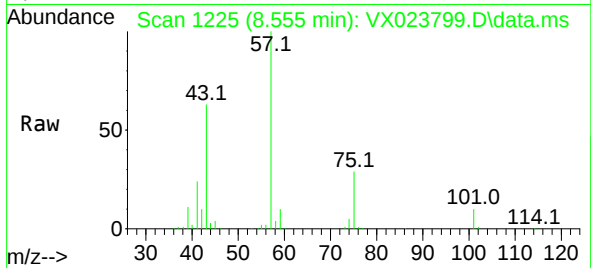




#51
4-Methyl-2-Pentanone
Concen: 24.654 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

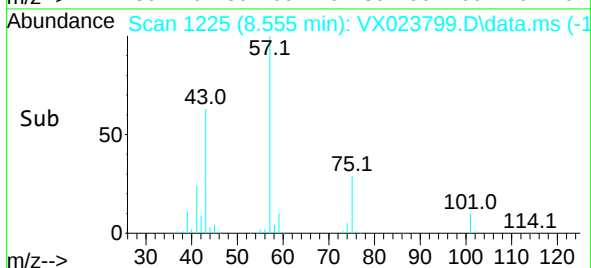
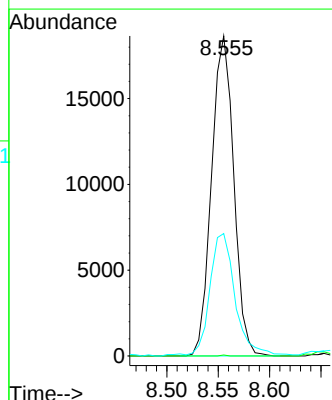
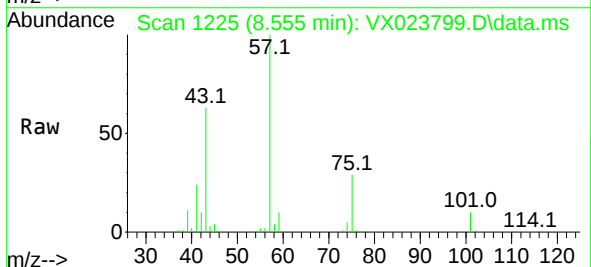
Instrument :
MSVOA_X
ClientSampled :
WC-3

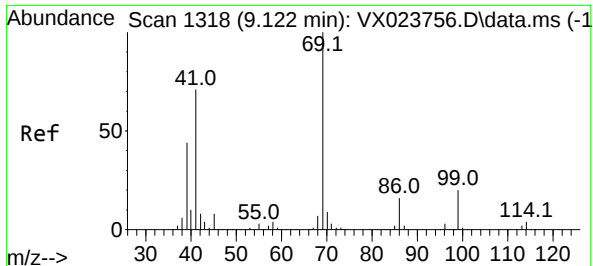
Tgt Ion: 43 Resp: 65792
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.874 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 75 Resp: 27965
Ion Ratio Lower Upper
75 100
77 0.3 25.7 38.5#
39 37.6 35.1 52.7

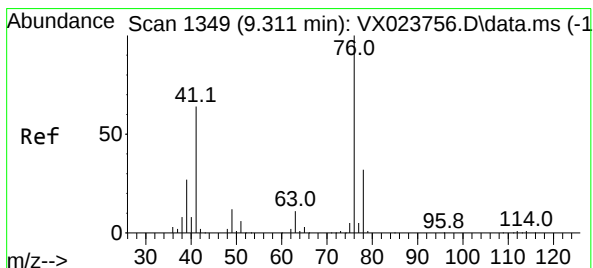
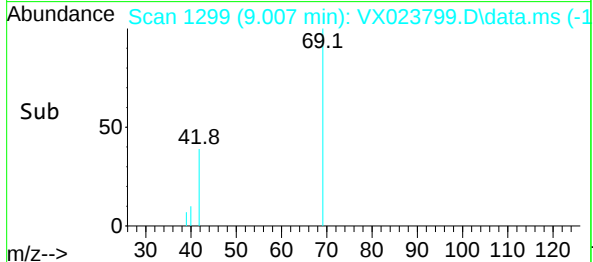
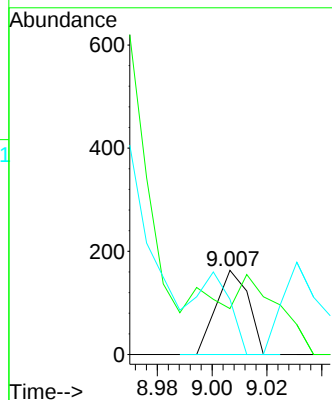
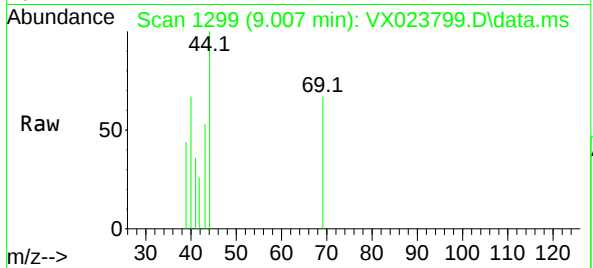




#56
Ethyl methacrylate
Concen: 0.805 ug/l
RT: 9.007 min Scan# 1299
Delta R.T. -0.115 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

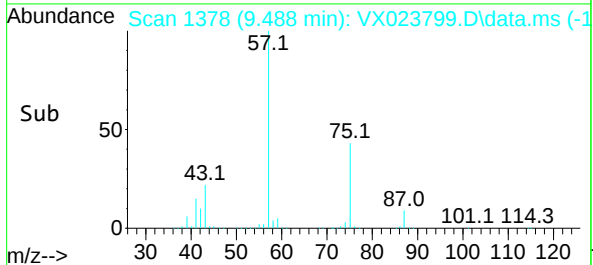
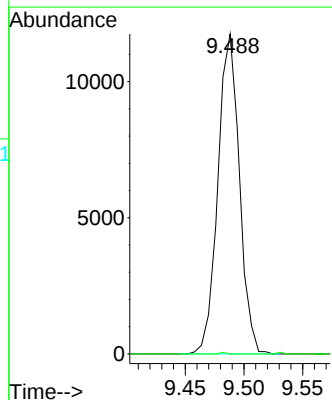
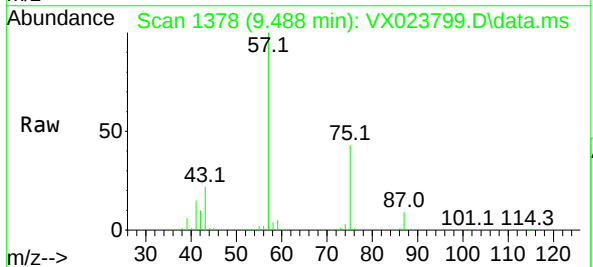
Instrument :
MSVOA_X
ClientSampled :
WC-3

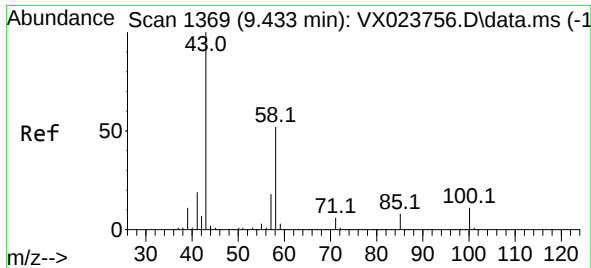
Tgt Ion: 69 Resp: 134
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 5.333 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 76 Resp: 14980
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

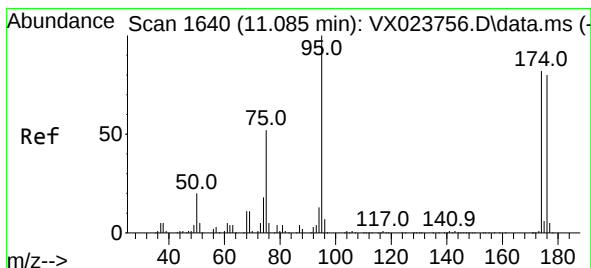
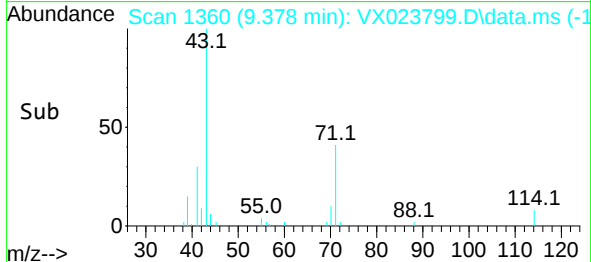
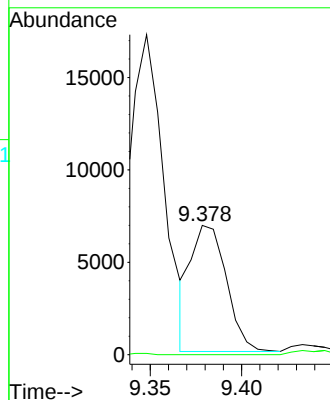
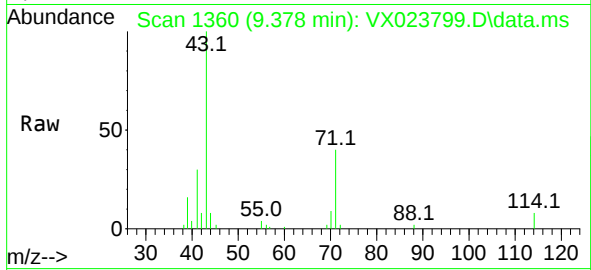




#59
2-Hexanone
Concen: 4.503 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

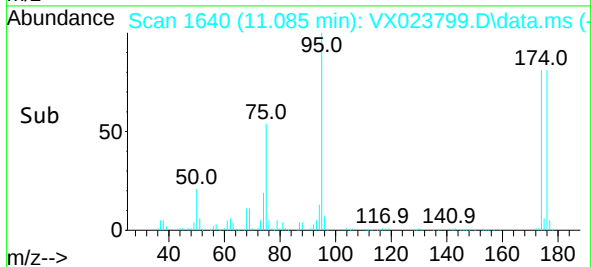
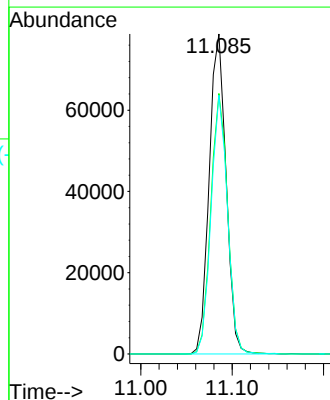
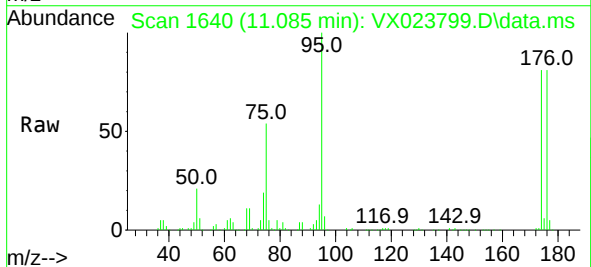
Instrument :
MSVOA_X
ClientSampled :
WC-3

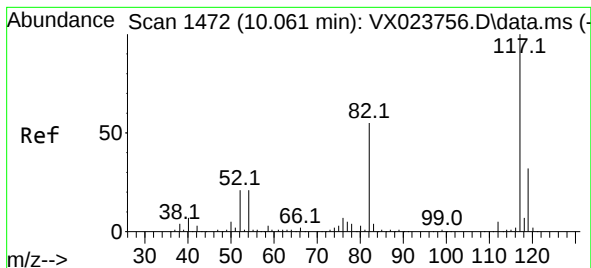
Tgt Ion: 43 Resp: 9236
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion: 95 Resp: 100785
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 78.6 0.0 155.8

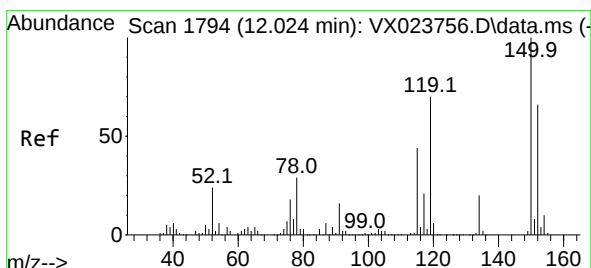
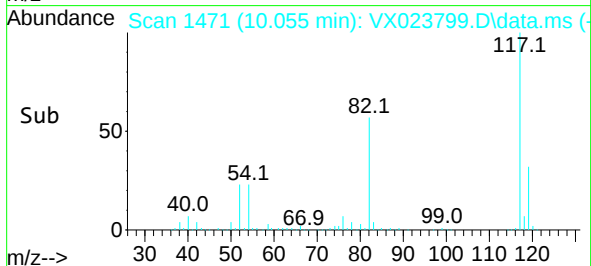
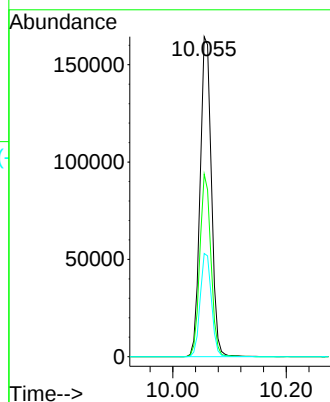
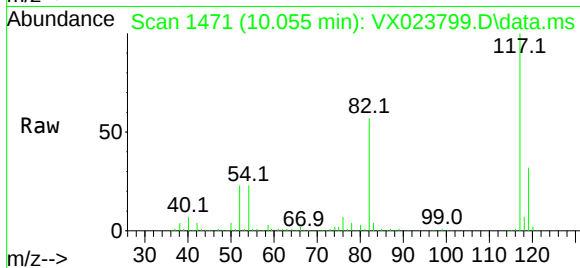




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

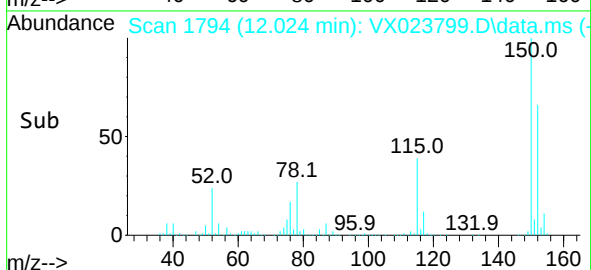
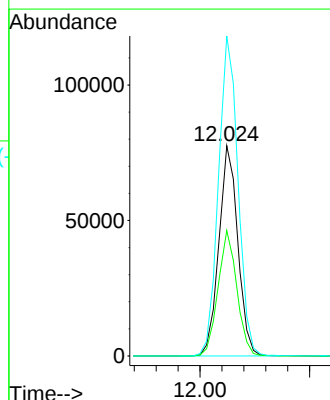
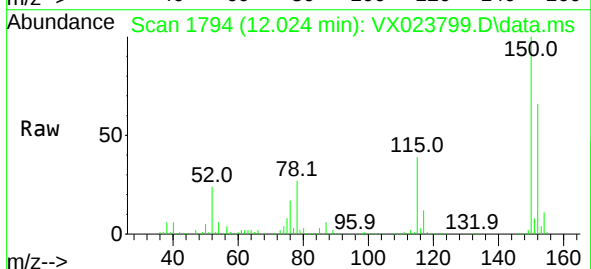
Instrument :
MSVOA_X
ClientSampled :
WC-3

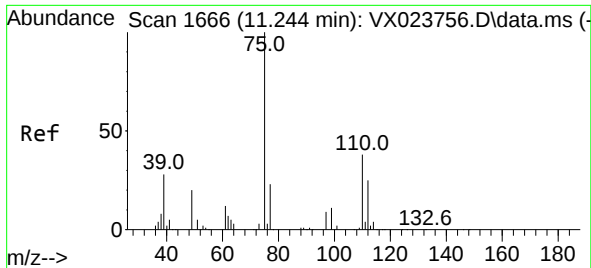
Tgt Ion:117 Resp: 227066
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Tgt Ion:152 Resp: 93396
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.6 0.0 349.0

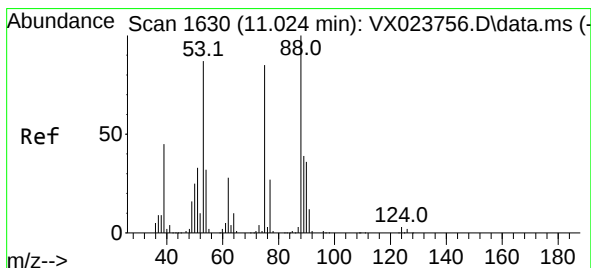
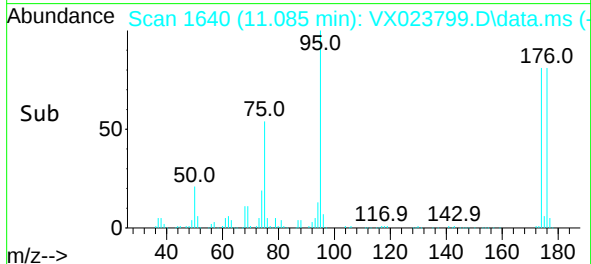
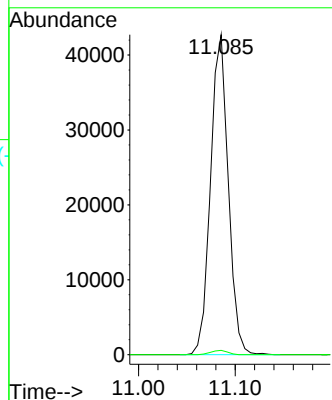
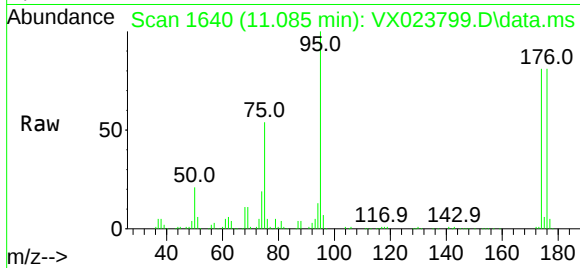




#76
1,2,3-Trichloropropane
Concen: 25.011 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

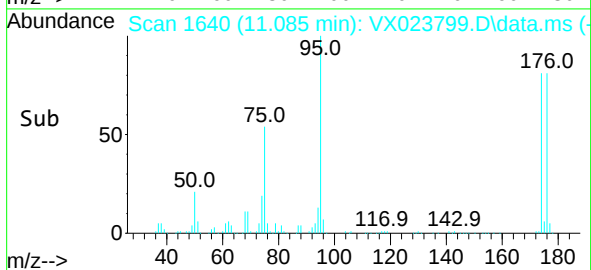
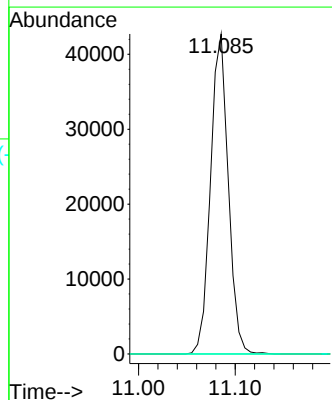
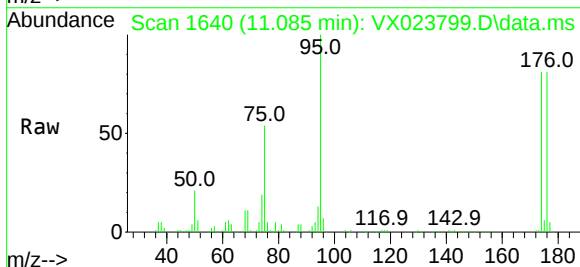
Instrument :
MSVOA_X
ClientSampled :
WC-3

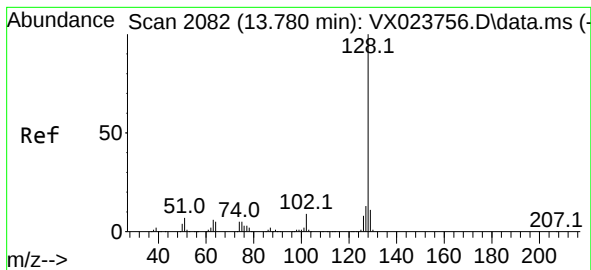
Tgt Ion: 75 Resp: 54492
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.572 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

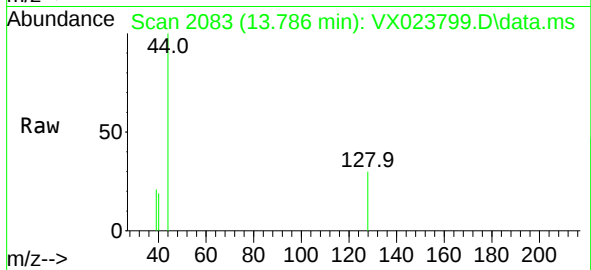
Tgt Ion: 75 Resp: 54492
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.295 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023799.D
Acq: 18 Aug 2021 06:13

Instrument :
MSVOA_X
ClientSampleId :
WC-3



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

