

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027860.D
 Acq On : 31 Mar 2022 20:02
 Operator : JC/MD
 Sample : N2074-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20220320

Quant Time: Apr 01 04:11:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

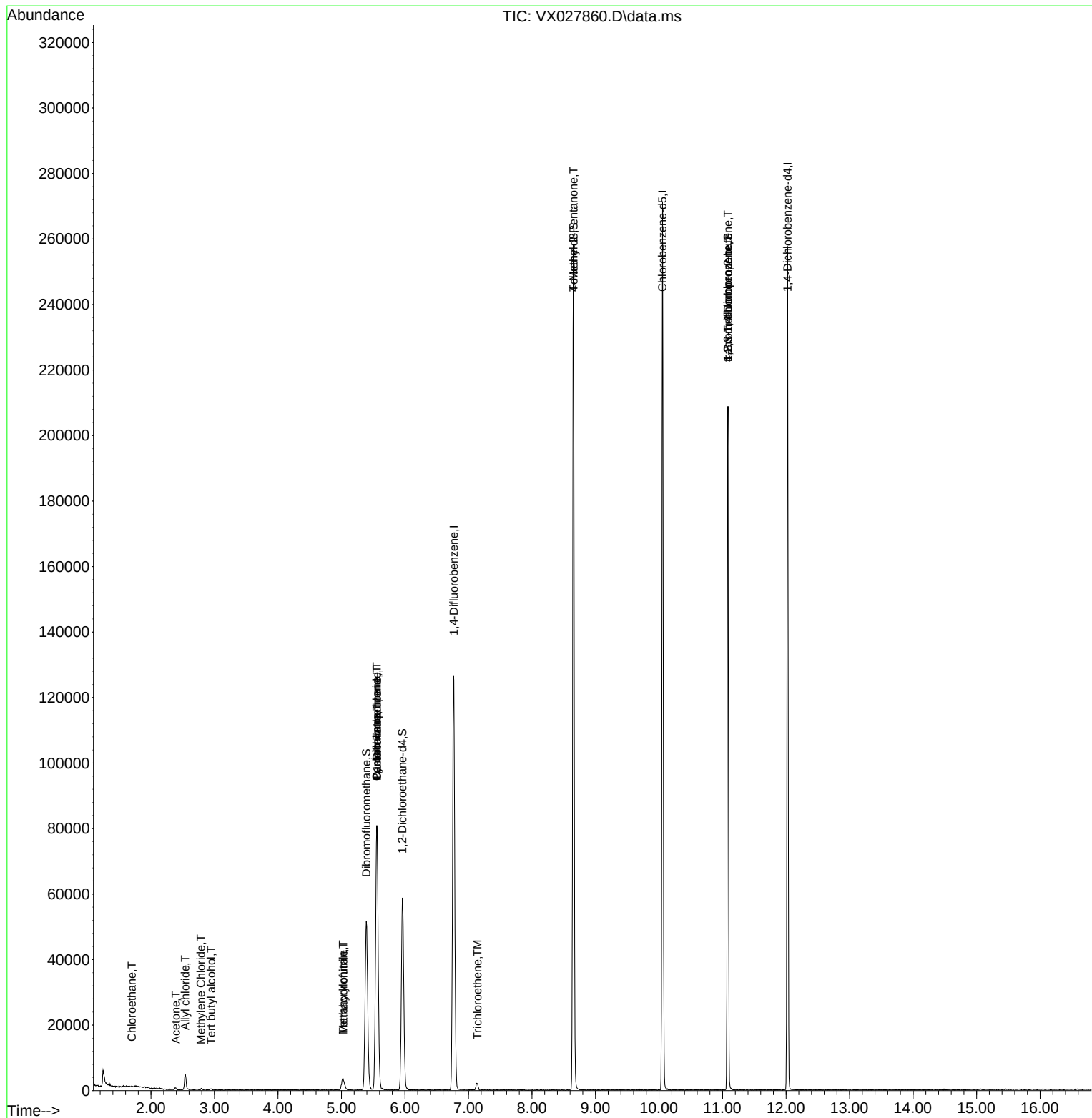
Internal Standards						
1) Pentafluorobenzene	5.556	168	69604	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59819	66.607	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 133.220%	
35) Dibromofluoromethane	5.391	113	43905	51.963	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.920%	
50) Toluene-d8	8.653	98	156316	52.582	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	11.085	95	57240	45.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.620%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	319	0.828	ug/l #	43
11) Tert butyl alcohol	2.947	59	157	0.910	ug/l #	72
14) Allyl chloride	2.538	41	500	0.455	ug/l #	57
16) Acetone	2.392	43	708	1.781	ug/l #	75
20) Methylene Chloride	2.788	84	207	0.290	ug/l #	79
29) Tetrahydrofuran	5.026	42	3442	9.265	ug/l #	80
31) Cyclohexane	5.556	56	1986	2.000	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	6543	6.148	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7859	6.684	ug/l #	15
41) Methacrylonitrile	5.026	41	2092	2.981	ug/l #	39
44) Trichloroethene	7.141	130	980	1.118	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	647	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31882	29.186	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31882	85.108	ug/l #	15

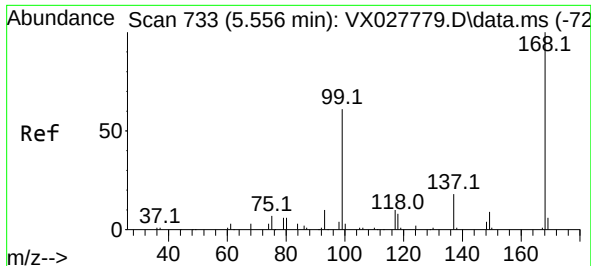
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
Data File : VX027860.D
Acq On : 31 Mar 2022 20:02
Operator : JC/MD
Sample : N2074-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

Quant Time: Apr 01 04:11:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

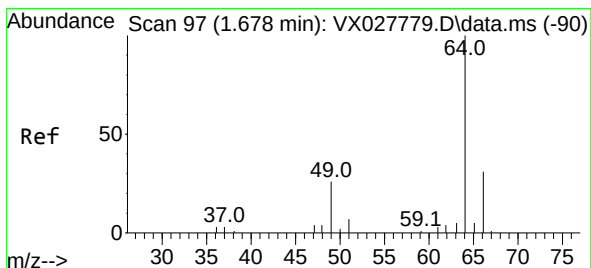
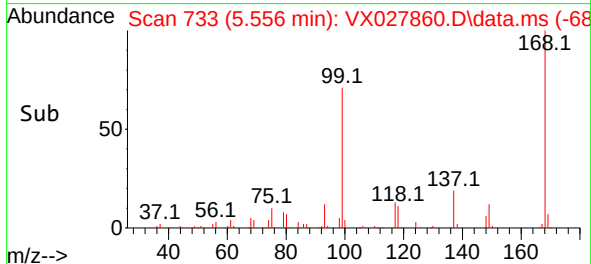
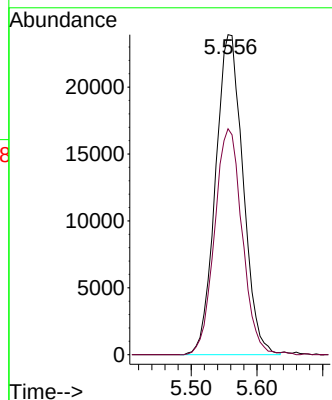
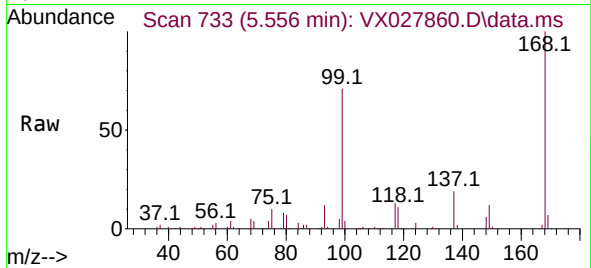




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

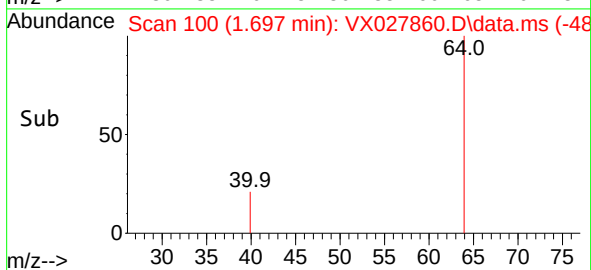
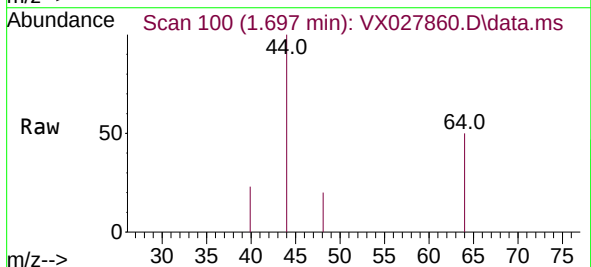
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

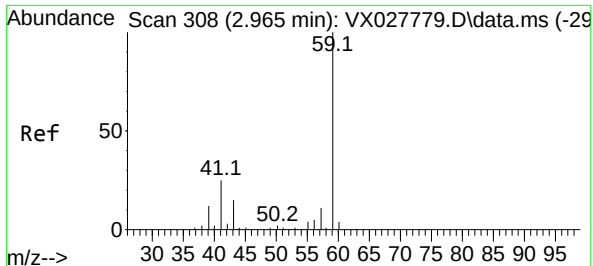
Tgt Ion:168 Resp: 69604
Ion Ratio Lower Upper
168 100
99 70.6 41.7 62.5#



#6
Chloroethane
Concen: 0.828 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Tgt Ion: 64 Resp: 319
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.910 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027860.D

Acq: 31 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

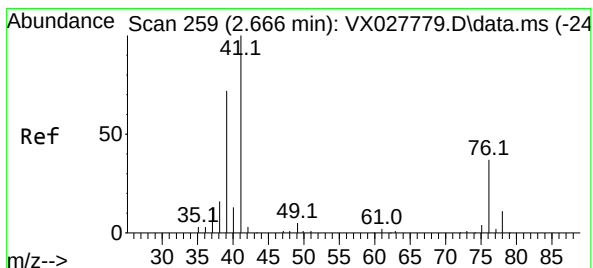
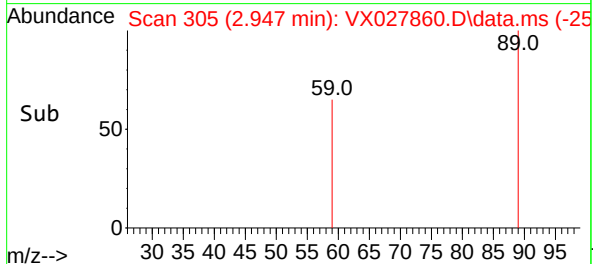
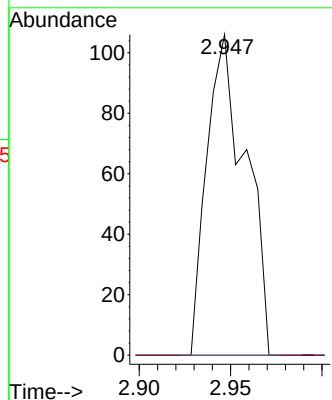
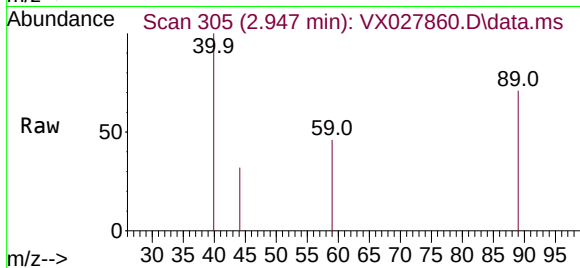
RW8-MW01S-20220320

Tgt Ion: 59 Resp: 157

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.455 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.128 min

Lab File: VX027860.D

Acq: 31 Mar 2022 20:02

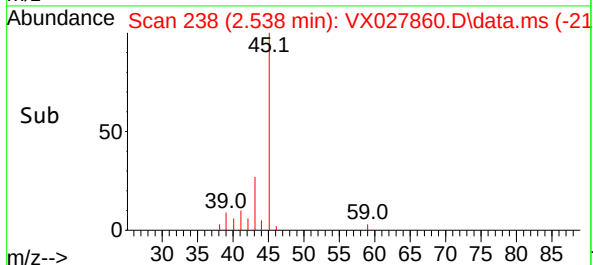
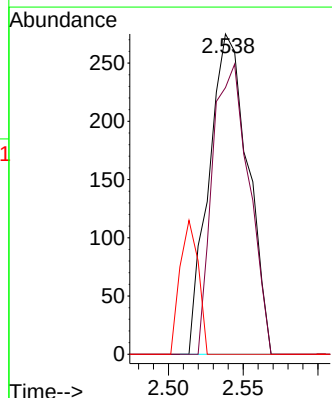
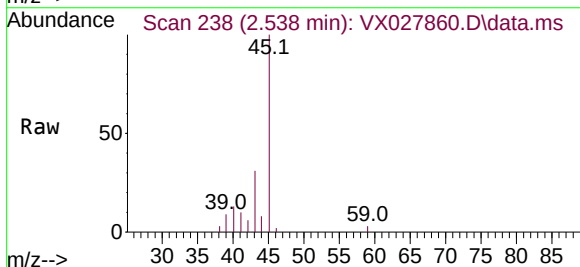
Tgt Ion: 41 Resp: 500

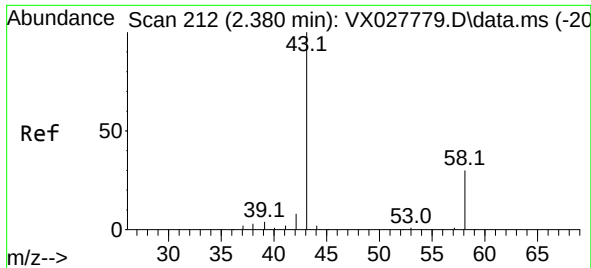
Ion Ratio Lower Upper

41 100

39 84.4 50.4 75.6#

76 0.0 32.7 49.1#





#16

Acetone

Concen: 1.781 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX027860.D

Acq: 31 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

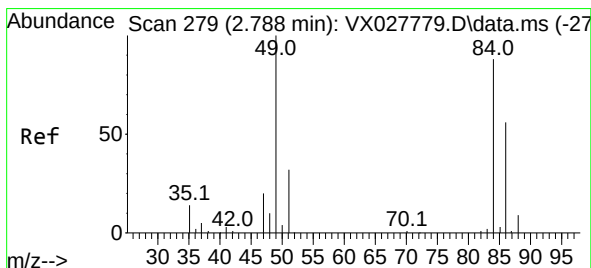
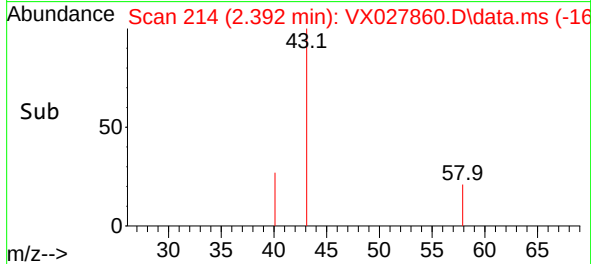
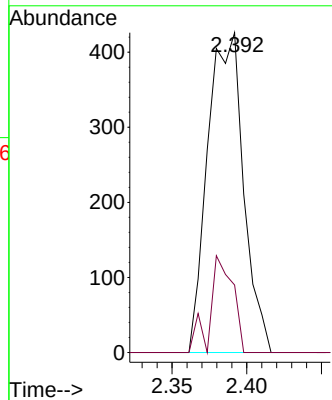
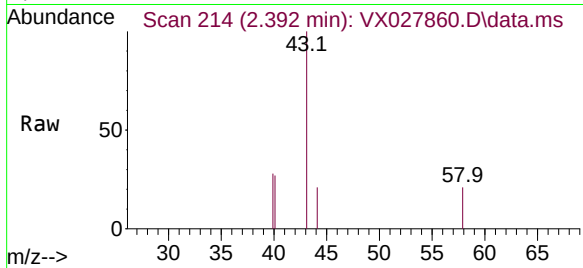
RW8-MW01S-20220320

Tgt Ion: 43 Resp: 708

Ion Ratio Lower Upper

43 100

58 21.1 28.8 43.2#



#20

Methylene Chloride

Concen: 0.290 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX027860.D

Acq: 31 Mar 2022 20:02

Tgt Ion: 84 Resp: 207

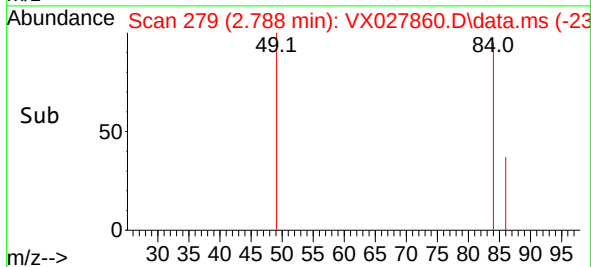
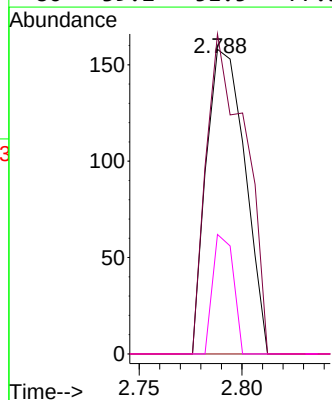
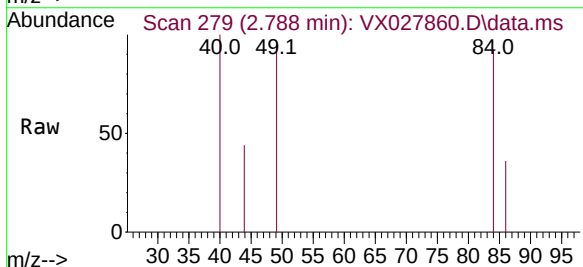
Ion Ratio Lower Upper

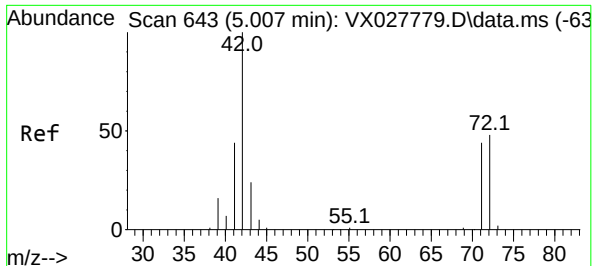
84 100

49 105.1 85.5 128.3

51 0.0 26.6 39.8#

86 39.2 51.5 77.3#





#29

Tetrahydrofuran

Concen: 9.265 ug/l

RT: 5.026 min Scan# 643

Delta R.T. 0.019 min

Lab File: VX027860.D

Acq: 31 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20220320

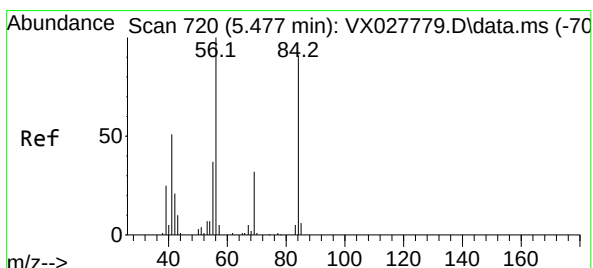
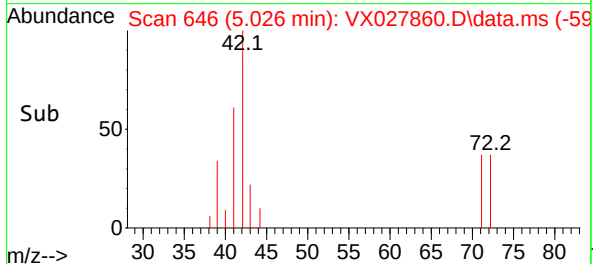
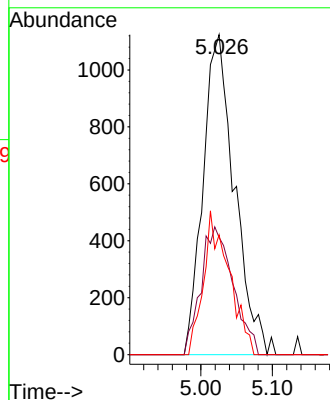
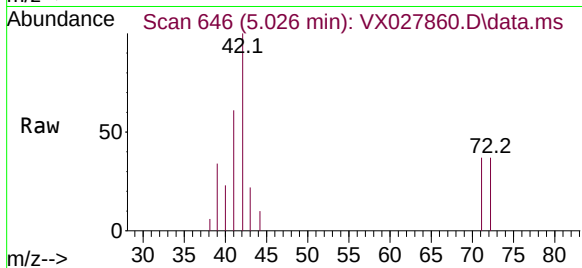
Tgt Ion: 42 Resp: 3442

Ion Ratio Lower Upper

42 100

72 40.8 44.1 66.1#

71 36.4 40.5 60.7#



#31

Cyclohexane

Concen: 2.000 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027860.D

Acq: 31 Mar 2022 20:02

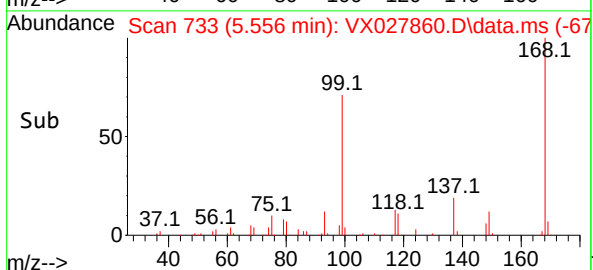
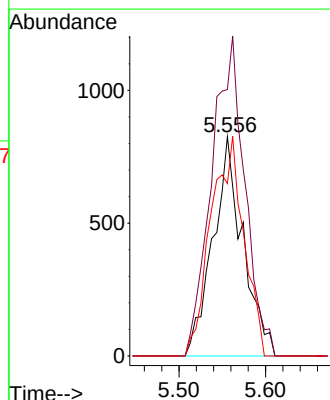
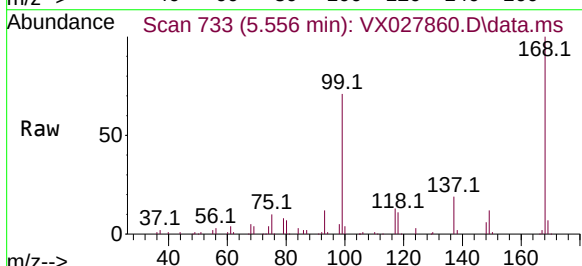
Tgt Ion: 56 Resp: 1986

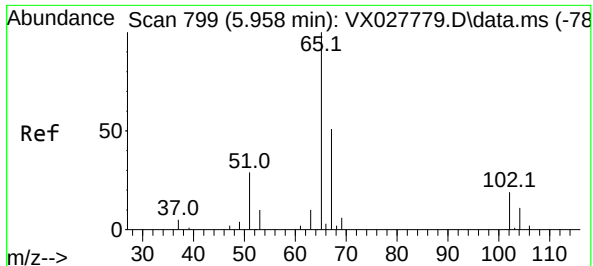
Ion Ratio Lower Upper

56 100

69 121.4 26.7 40.1#

84 78.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 66.607 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027860.D

Acq: 31 Mar 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

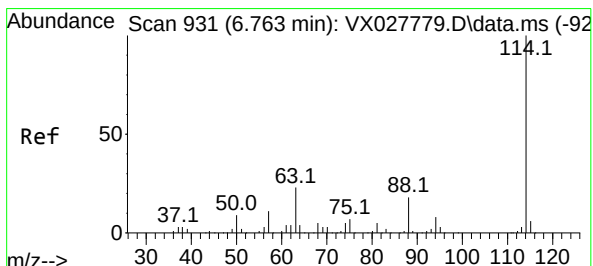
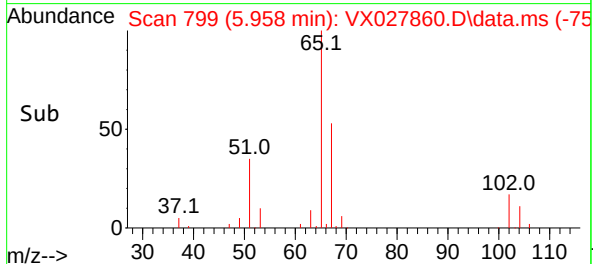
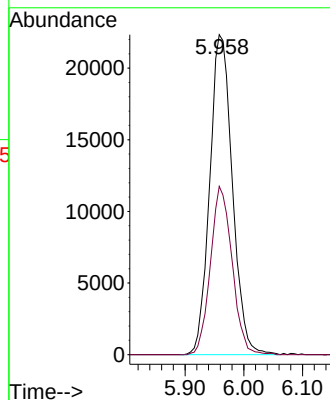
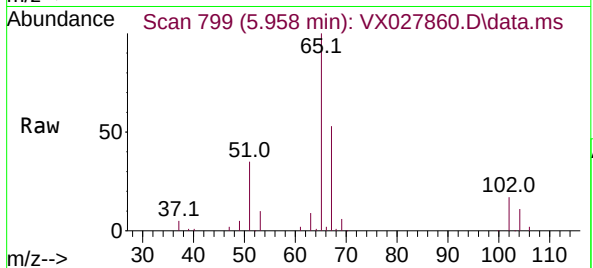
RW8-MW01S-20220320

Tgt Ion: 65 Resp: 59819

Ion Ratio Lower Upper

65 100

67 50.3 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: VX027860.D

Acq: 31 Mar 2022 20:02

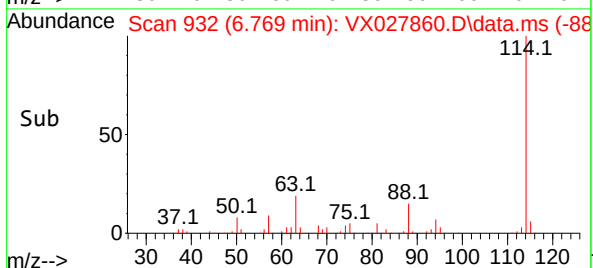
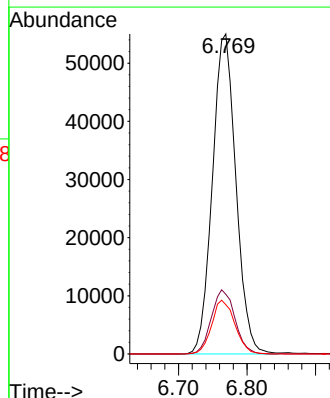
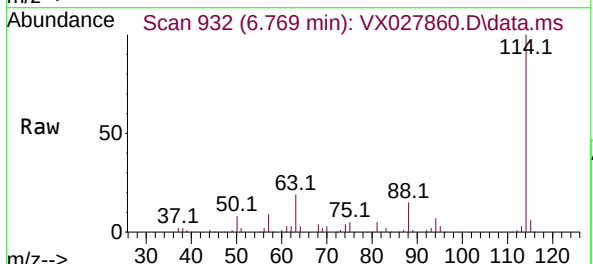
Tgt Ion: 114 Resp: 130899

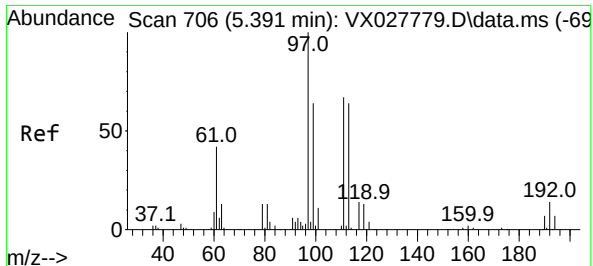
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 15.4 0.0 32.4

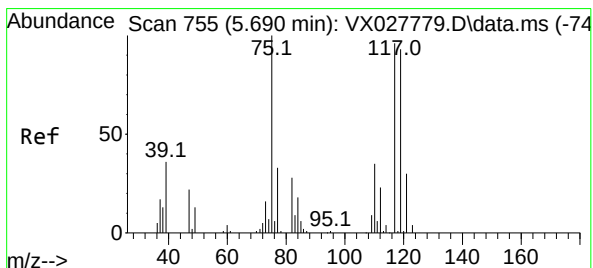
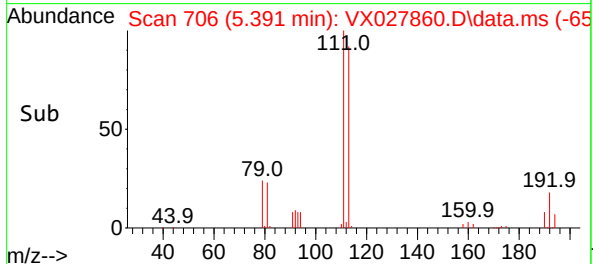
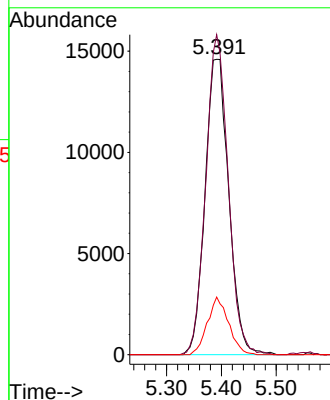
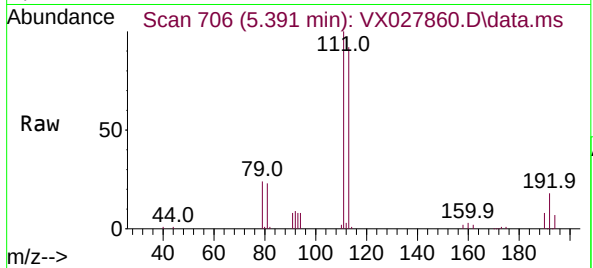




#35
Dibromofluoromethane
Concen: 51.963 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

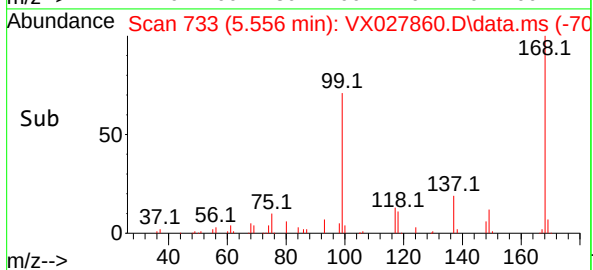
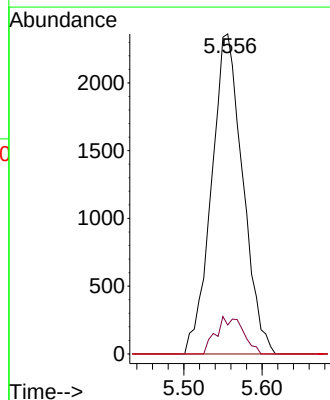
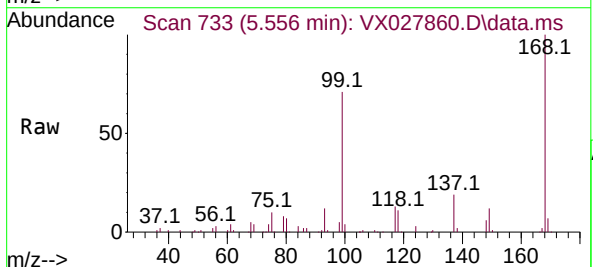
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

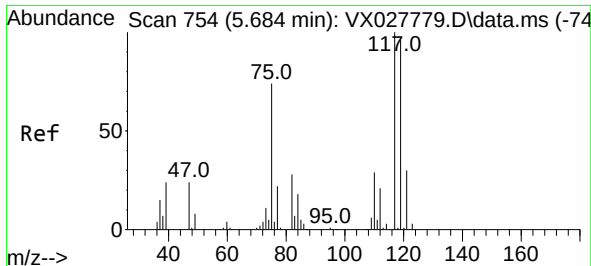
Tgt Ion:113 Resp: 43905
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 17.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.148 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Tgt Ion: 75 Resp: 6543
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#

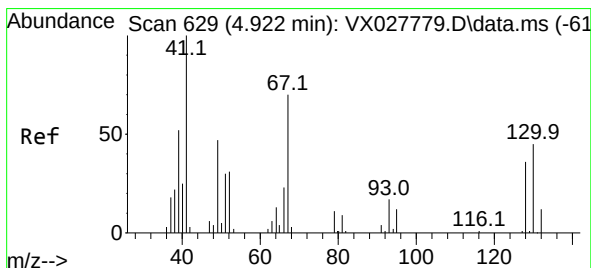
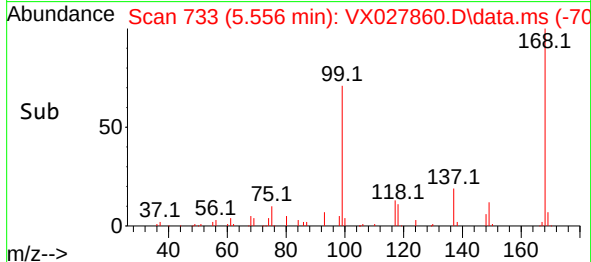
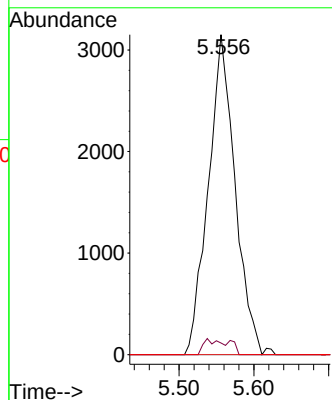
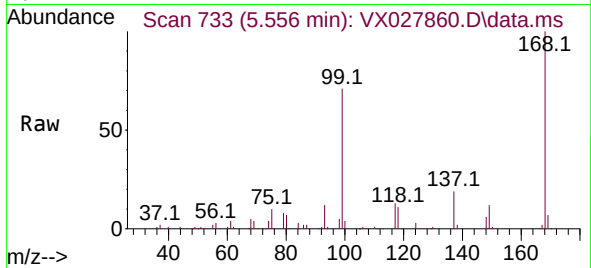




#38
Carbon Tetrachloride
Concen: 6.684 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

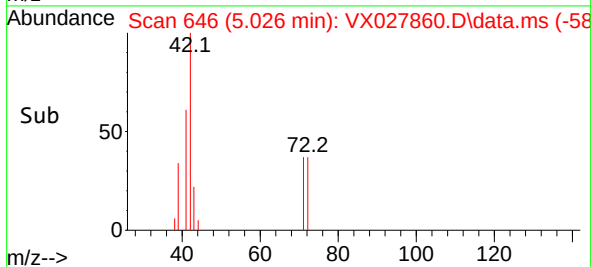
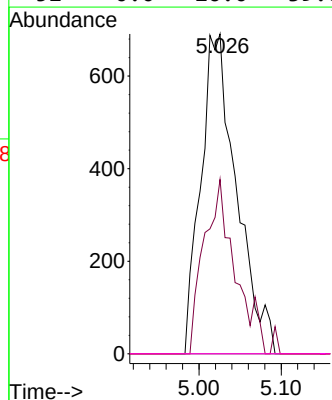
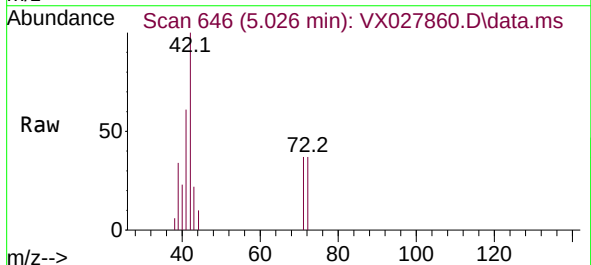
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

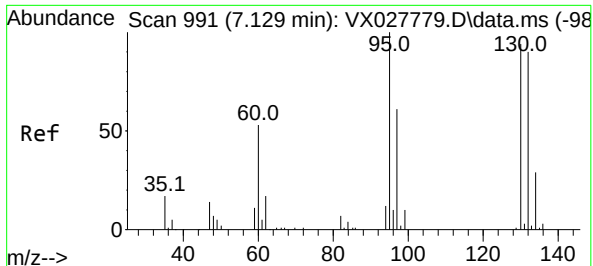
Tgt Ion:117 Resp: 7859
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 2.981 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.104 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Tgt Ion: 41 Resp: 2092
Ion Ratio Lower Upper
41 100
39 47.5 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

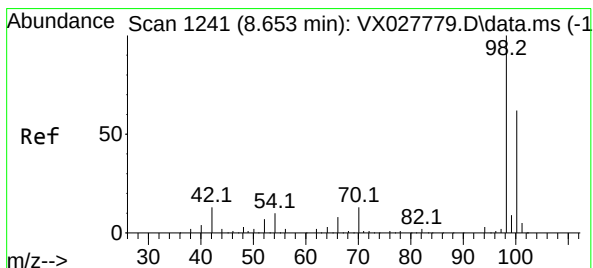
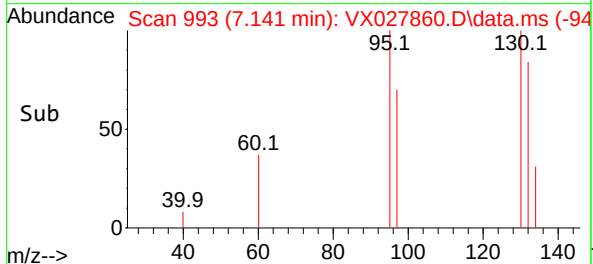
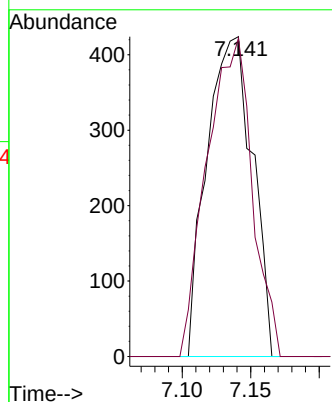
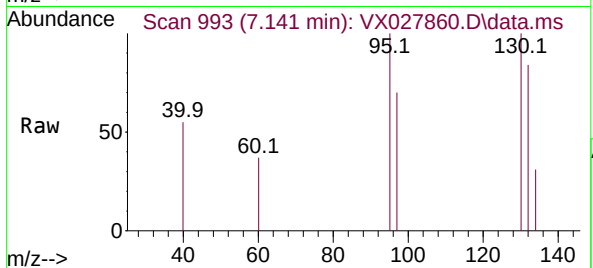




#44
Trichloroethene
Concen: 1.118 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

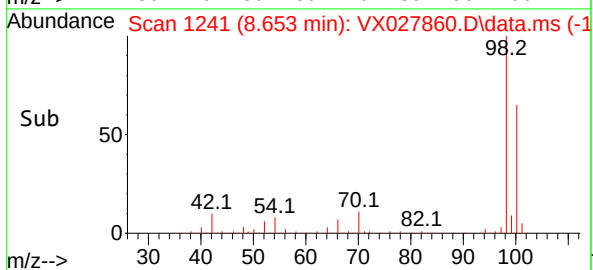
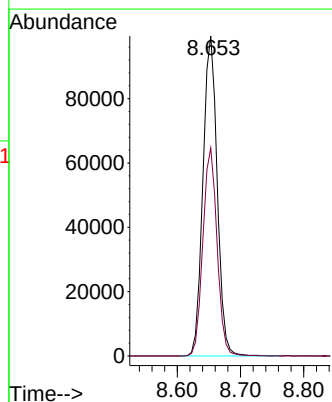
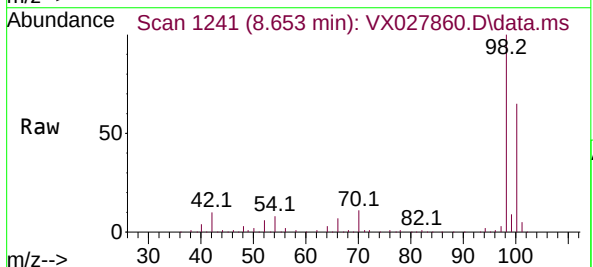
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

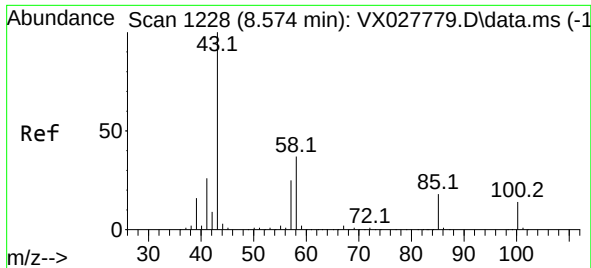
Tgt Ion:130 Resp: 980
Ion Ratio Lower Upper
130 100
95 99.5 0.0 188.8



#50
Toluene-d8
Concen: 52.582 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Tgt Ion: 98 Resp: 156316
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

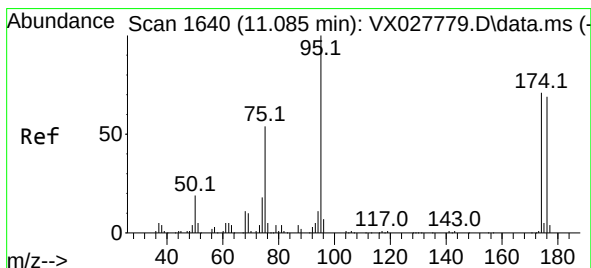
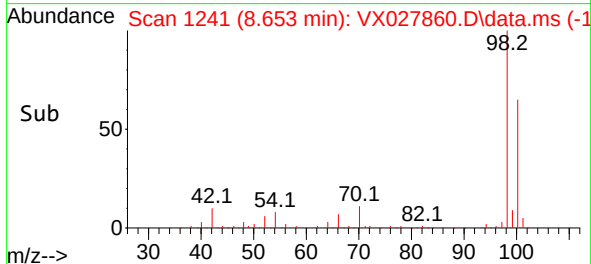
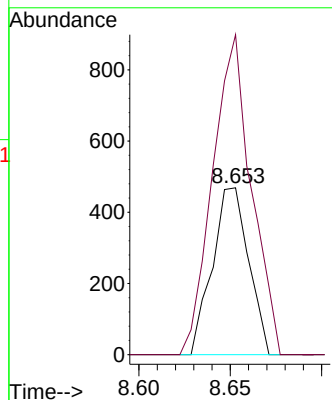
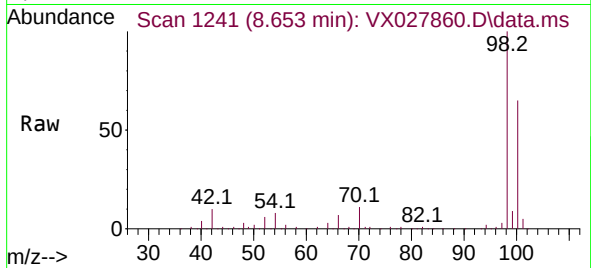




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

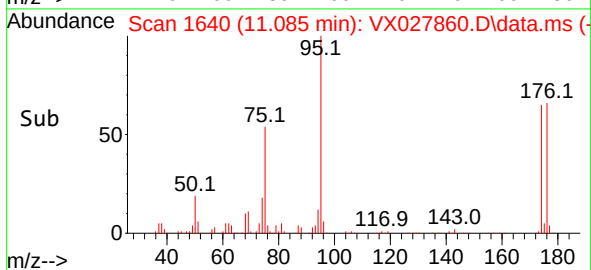
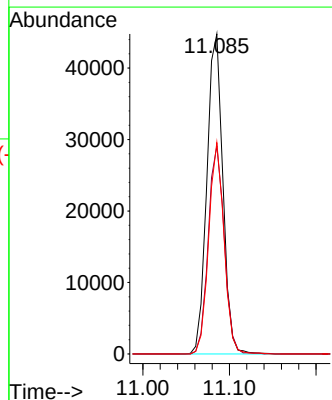
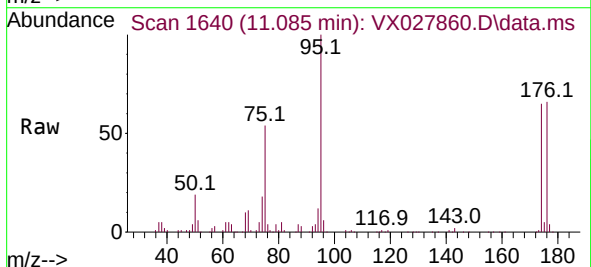
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

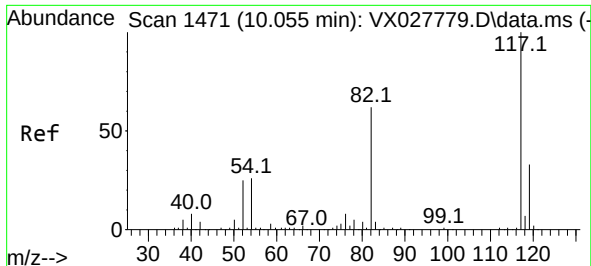
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 204.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 45.309 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Tgt Ion: 95 Resp: 57240
Ion Ratio Lower Upper
95 100
174 65.3 0.0 163.0
176 63.5 0.0 155.0

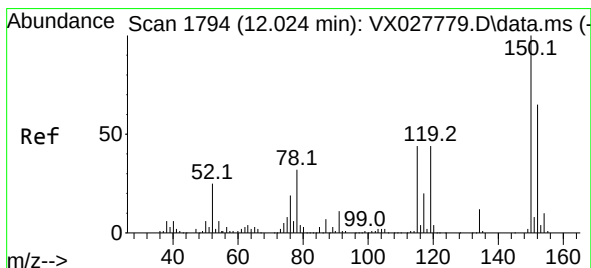
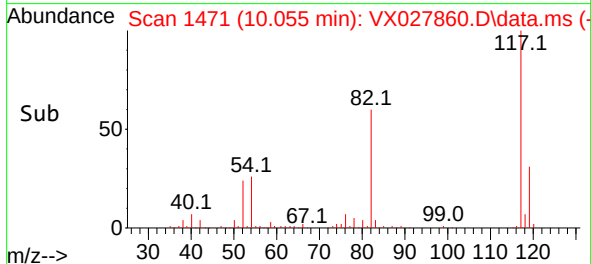
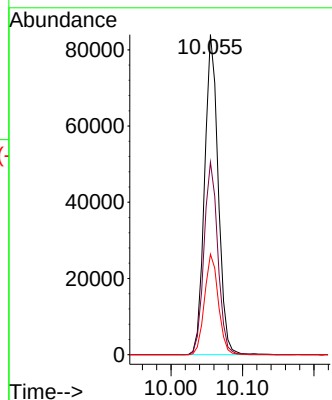
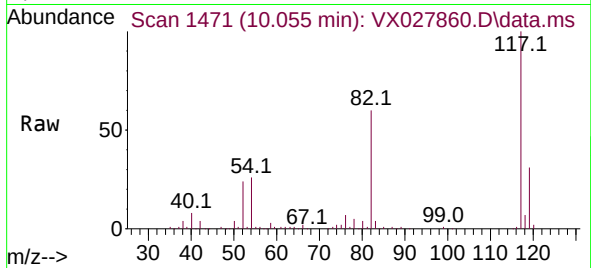




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

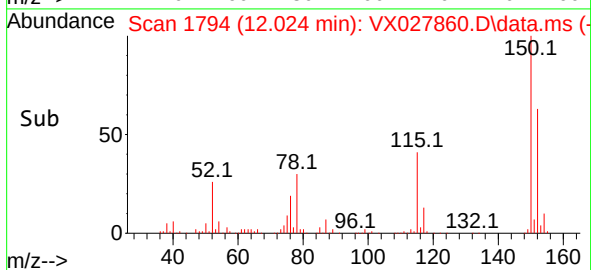
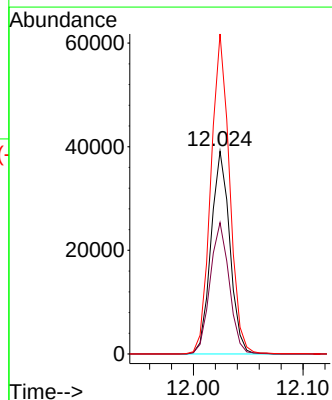
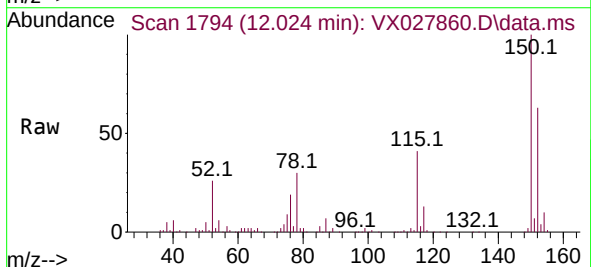
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

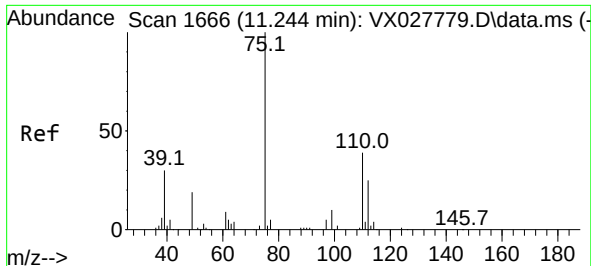
Tgt Ion:117 Resp: 111271
Ion Ratio Lower Upper
117 100
82 60.1 41.8 62.8
119 31.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Tgt Ion:152 Resp: 46566
Ion Ratio Lower Upper
152 100
115 65.8 37.5 112.7
150 156.9 0.0 338.2

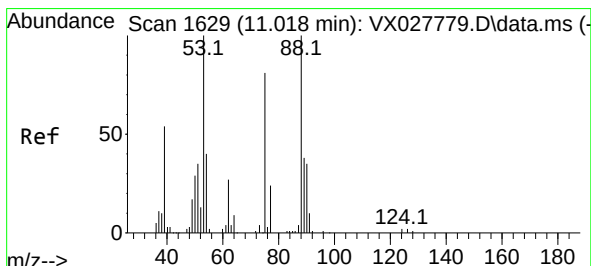
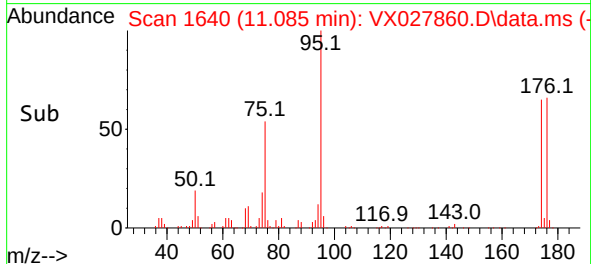
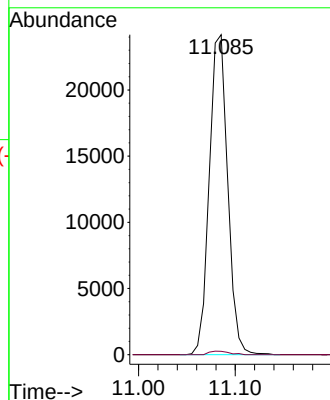
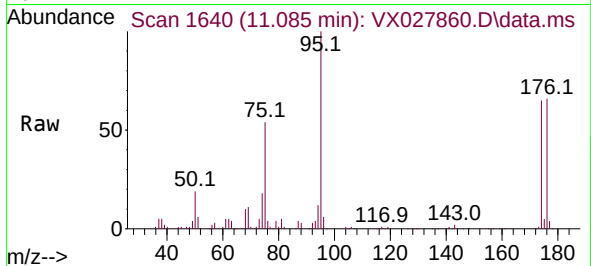




#76
1,2,3-Trichloropropane
Concen: 29.186 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20220320

Tgt Ion: 75 Resp: 31882
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.108 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027860.D
Acq: 31 Mar 2022 20:02

Tgt Ion: 75 Resp: 31882
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

