

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031040.D
 Acq On : 01 Sep 2022 23:16
 Operator : JC/MD
 Sample : N4297-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20220820

Quant Time: Sep 02 02:57:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

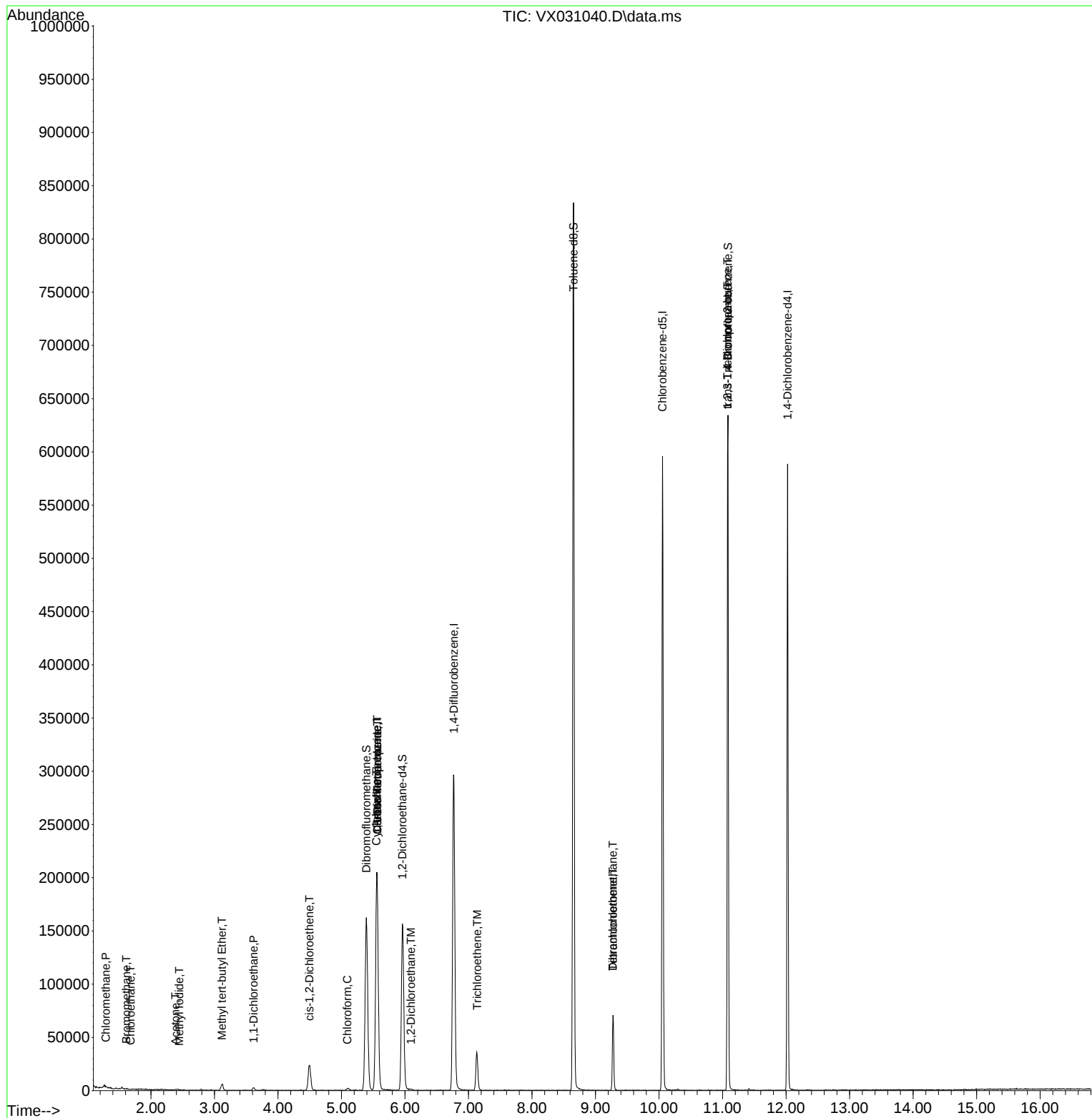
Internal Standards						
1) Pentafluorobenzene	5.556	168	210718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151565	55.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.800%
35) Dibromofluoromethane	5.391	113	145923	58.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.880%
50) Toluene-d8	8.653	98	531903	57.878	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	115.760%#
62) 4-Bromofluorobenzene	11.085	95	173797	53.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	203	0.797	ug/l #	42
5) Bromomethane	1.611	94	236	0.233	ug/l #	53
6) Chloroethane	1.679	64	37	1.762	ug/l #	41
10) Methyl Iodide	2.447	142	25	2.918	ug/l #	45
11) Tert butyl alcohol	2.971	59	79	Below Cal	#	74
16) Acetone	2.386	43	898	0.858	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	6803	0.902	ug/l	98
20) Methylene Chloride	2.782	84	484	Below Cal	#	59
24) 1,1-Dichloroethane	3.617	63	3232	0.732	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	17742	5.811	ug/l	85
30) Chloroform	5.093	83	1187	0.245	ug/l #	81
31) Cyclohexane	5.550	56	3310	0.894	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	14291	4.086	ug/l #	40
38) Carbon Tetrachloride	5.562	117	19665	5.416	ug/l #	18
42) 1,2-Dichloroethane	6.092	62	1147	0.346	ug/l #	73
44) Trichloroethene	7.135	130	15128	4.760	ug/l	98
60) Dibromochloromethane	9.275	129	14352	4.992	ug/l #	11
64) Tetrachloroethene	9.275	164	15167	5.124	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	79636	26.903	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79636	84.548	ug/l #	13

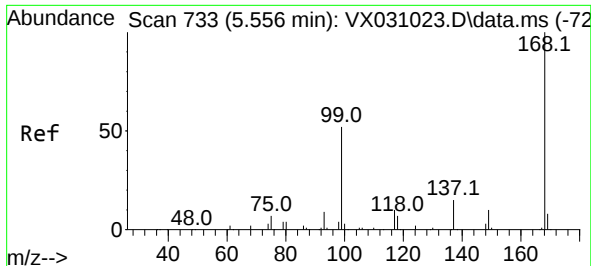
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

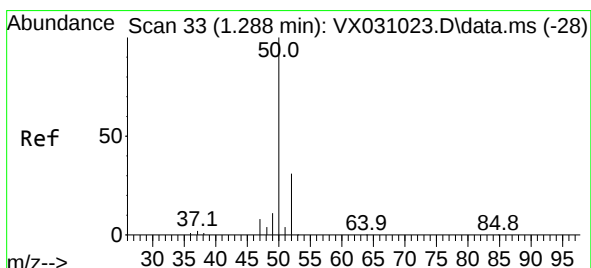
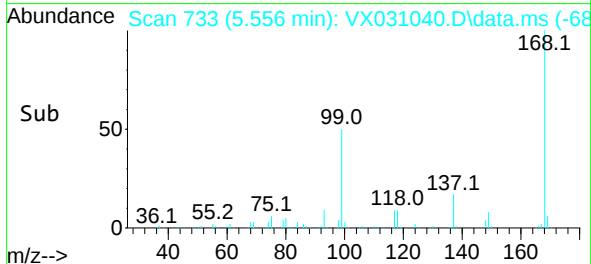
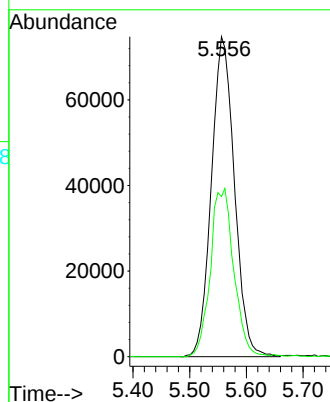
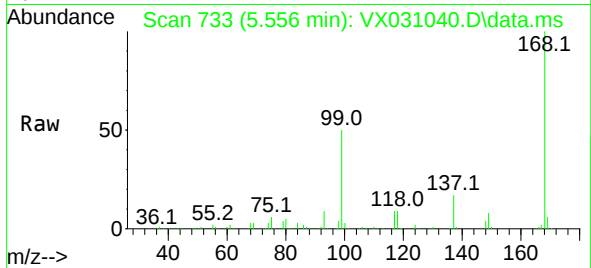




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

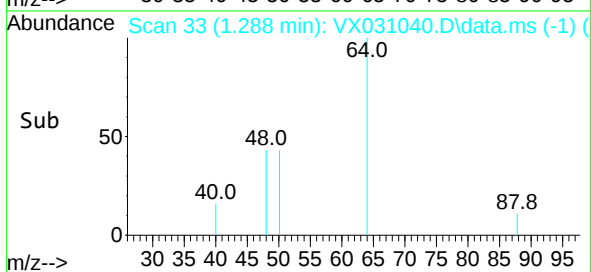
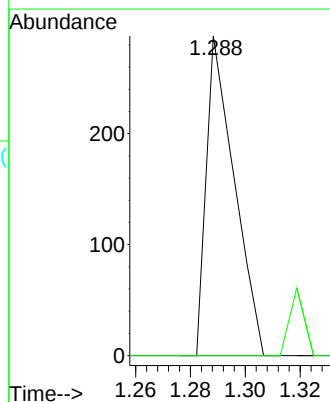
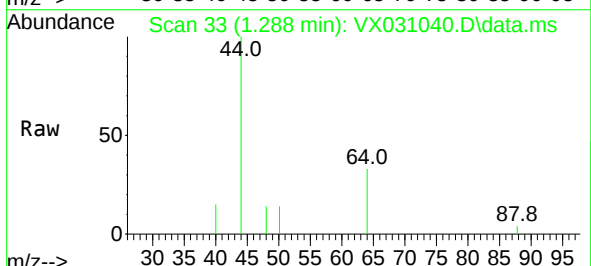
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

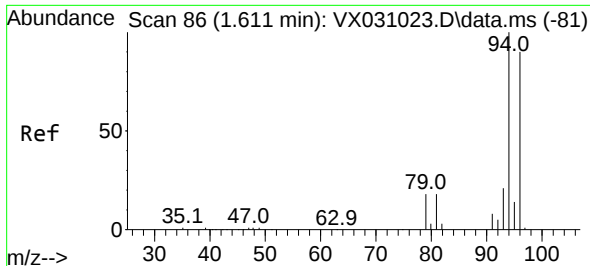
Tgt Ion:168 Resp: 210718
Ion Ratio Lower Upper
168 100
99 50.1 44.0 66.0



#3
Chloromethane
Concen: 0.797 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 50 Resp: 203
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

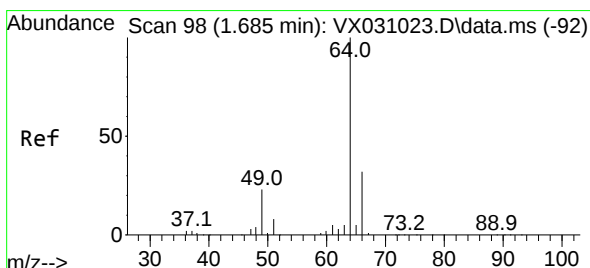
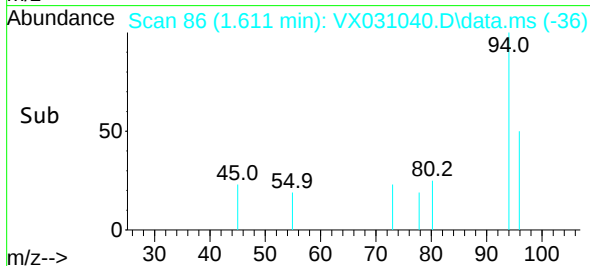
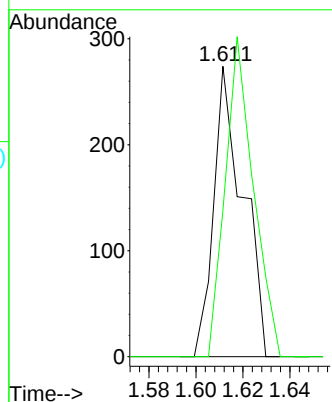
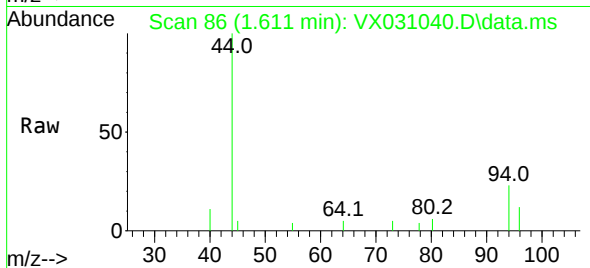




#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

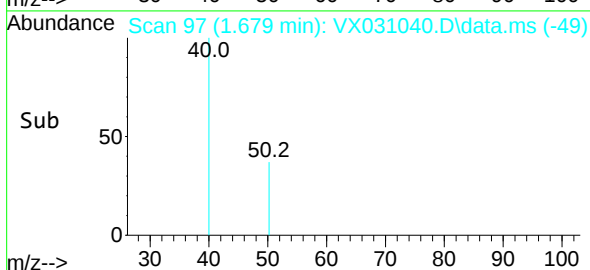
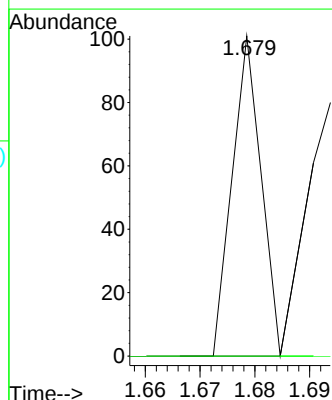
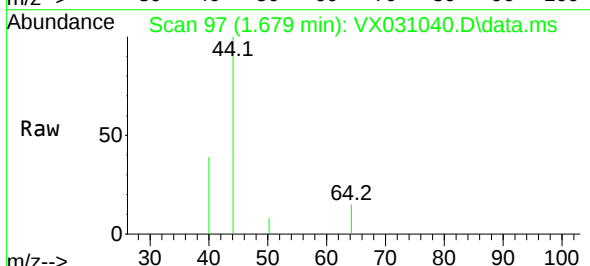
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

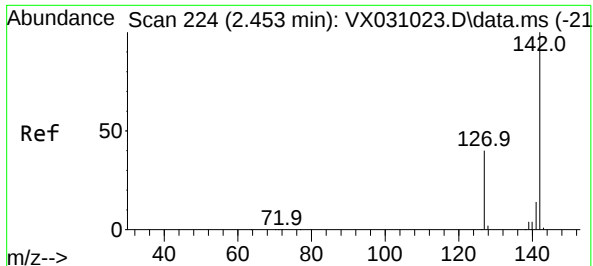
Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 50.4 76.9 115.3#



#6
Chloroethane
Concen: 1.762 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 64 Resp: 37
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

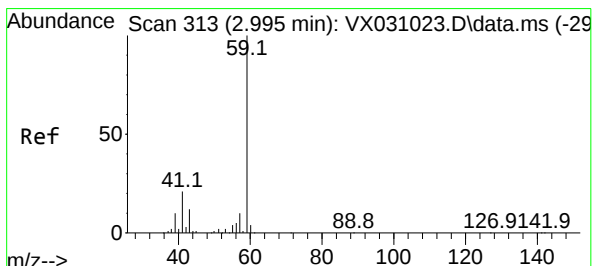
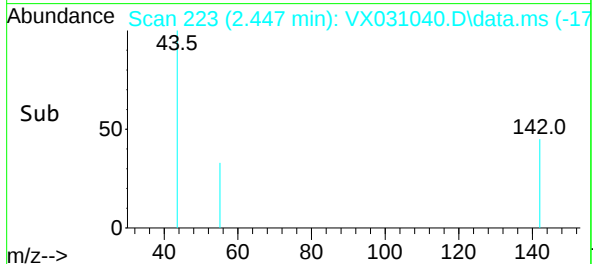
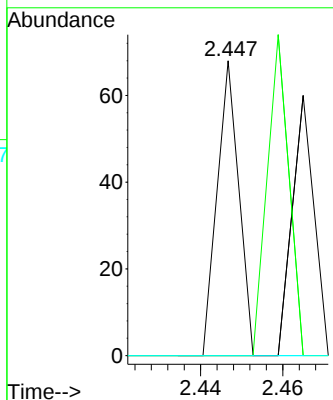
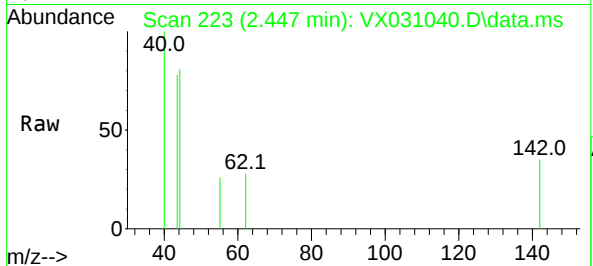




#10
Methyl Iodide
Concen: 2.918 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

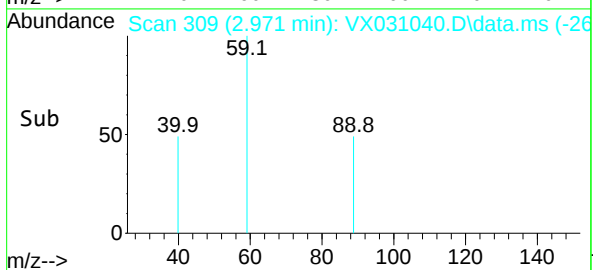
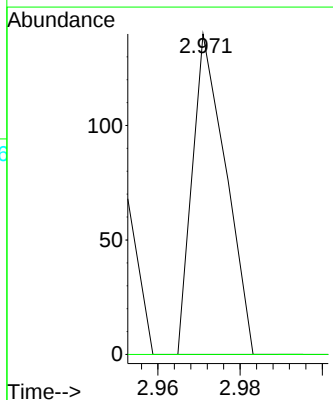
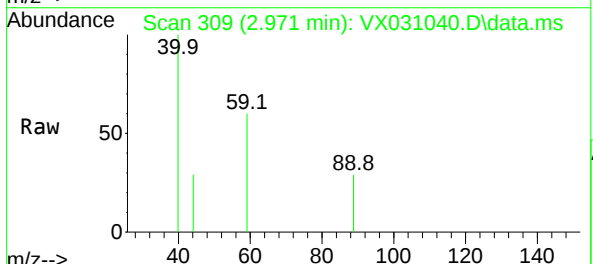
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

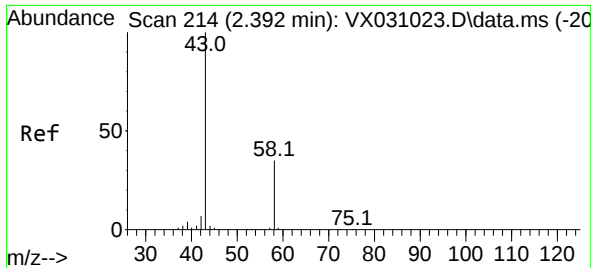
Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

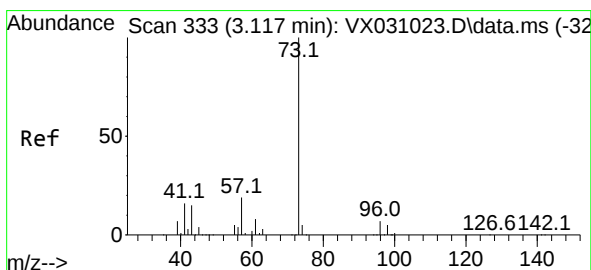
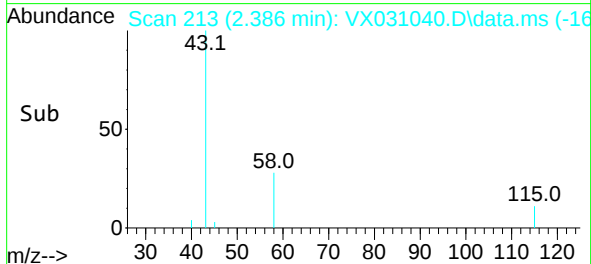
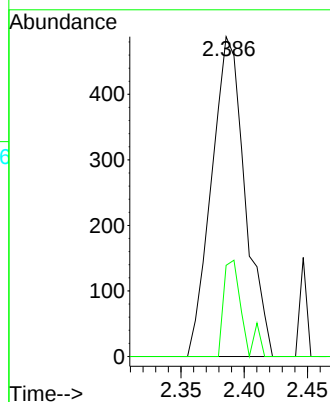
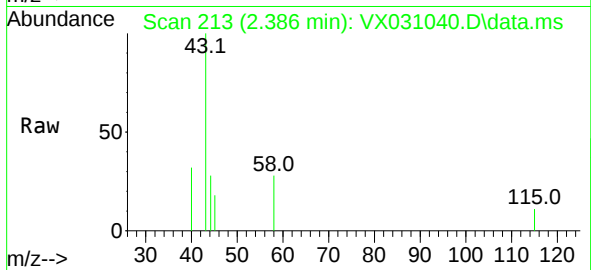




#16
Acetone
Concen: 0.858 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

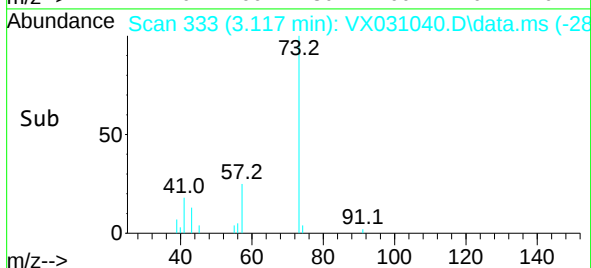
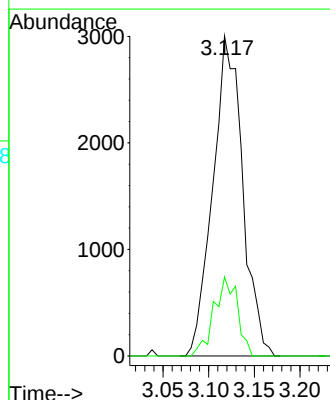
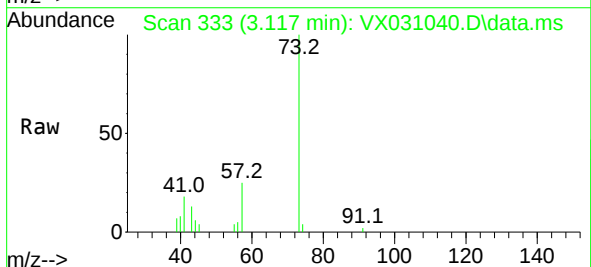
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

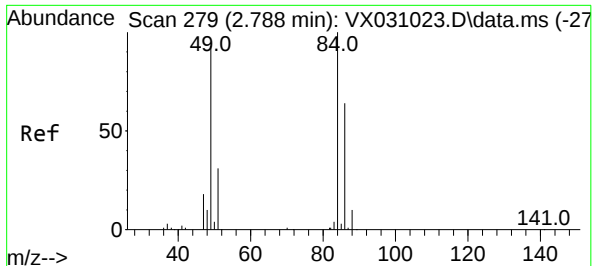
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 28.5 27.7 41.5



#19
Methyl tert-butyl Ether
Concen: 0.902 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 73 Resp: 6803
Ion Ratio Lower Upper
73 100
57 24.7 19.0 28.6





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031040.D

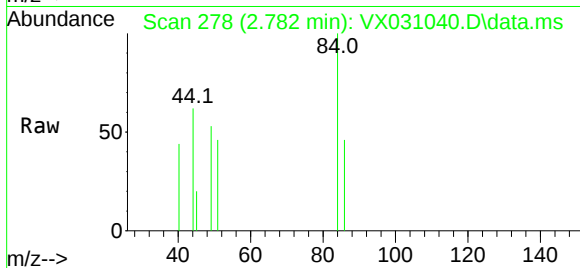
Acq: 01 Sep 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20220820



Tgt Ion: 84 Resp: 484

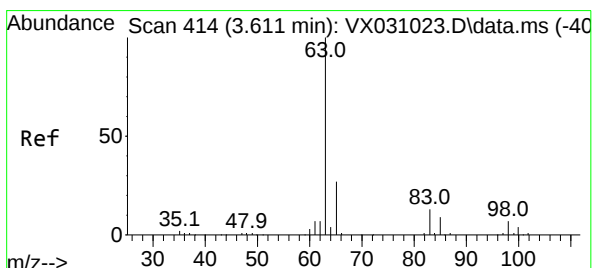
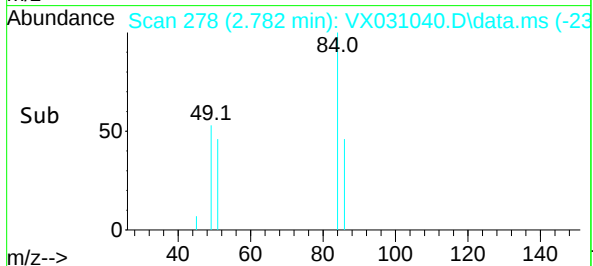
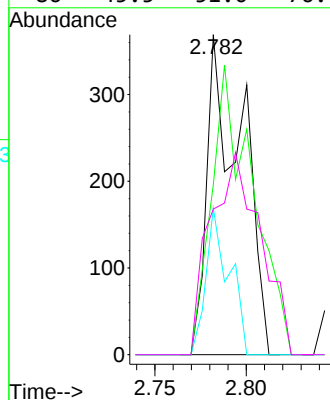
Ion Ratio Lower Upper

84 100

49 53.1 93.8 140.6#

51 45.8 29.4 44.0#

86 45.5 51.0 76.4#



#24

1,1-Dichloroethane

Concen: 0.732 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX031040.D

Acq: 01 Sep 2022 23:16

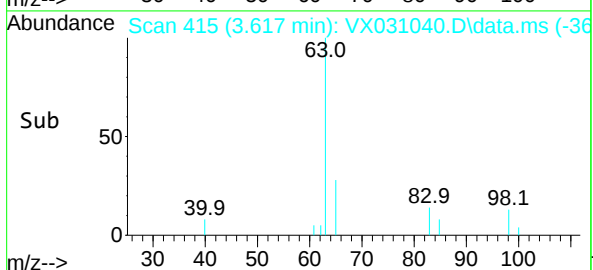
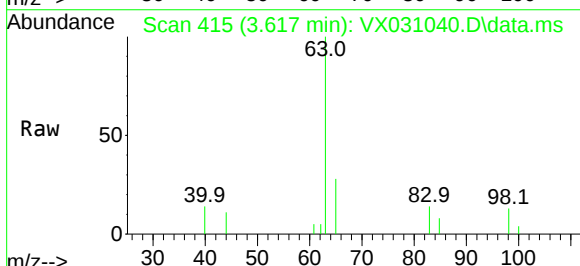
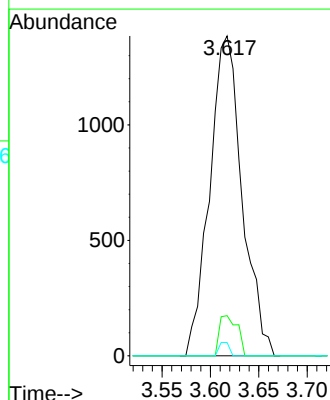
Tgt Ion: 63 Resp: 3232

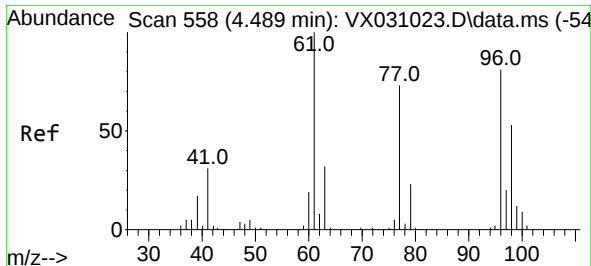
Ion Ratio Lower Upper

63 100

98 12.6 3.5 10.5#

100 4.2 2.3 6.9





#27

cis-1,2-Dichloroethene

Concen: 5.811 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031040.D

Acq: 01 Sep 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20220820

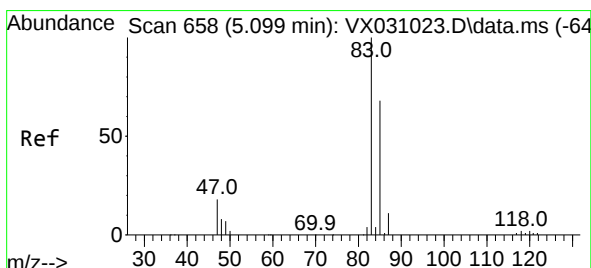
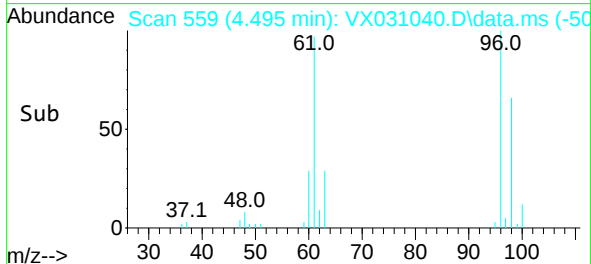
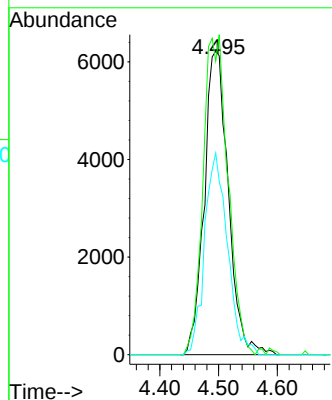
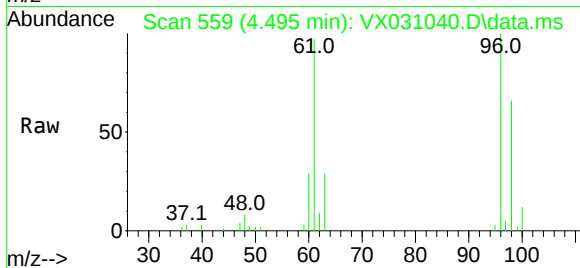
Tgt Ion: 96 Resp: 17742

Ion Ratio Lower Upper

96 100

61 108.5 0.0 270.0

98 63.1 0.0 127.8



#30

Chloroform

Concen: 0.245 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX031040.D

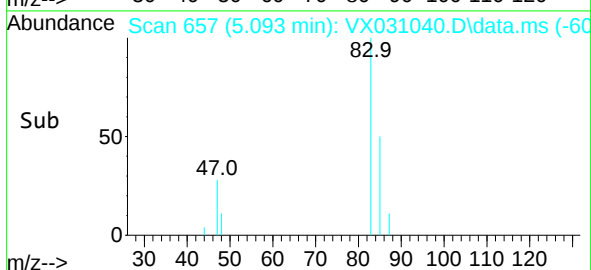
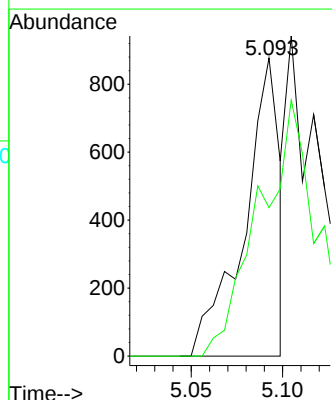
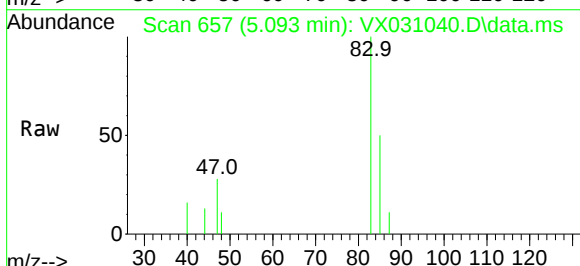
Acq: 01 Sep 2022 23:16

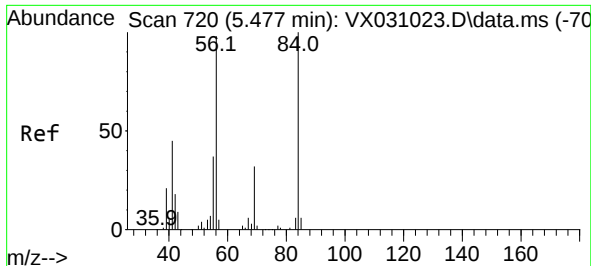
Tgt Ion: 83 Resp: 1187

Ion Ratio Lower Upper

83 100

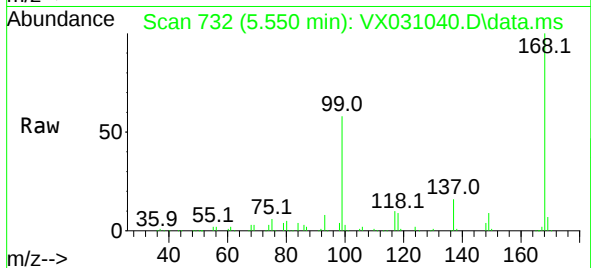
85 49.8 51.5 77.3#



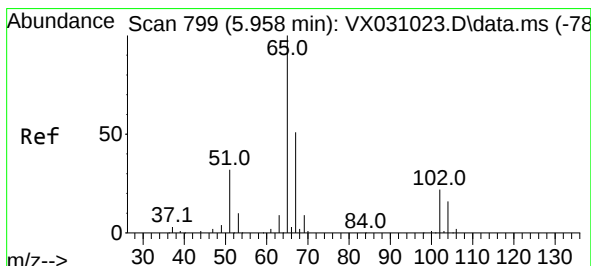
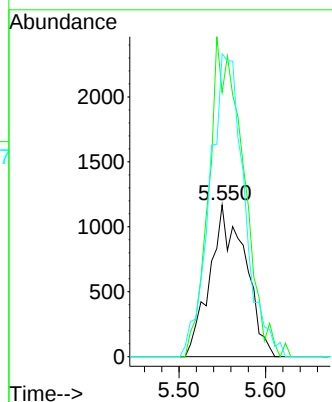
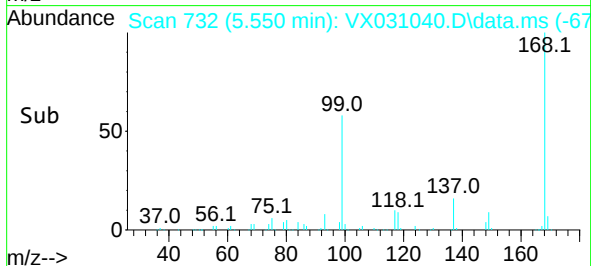


#31
Cyclohexane
Concen: 0.894 ug/l
RT: 5.550 min Scan# 710
Delta R.T. 0.073 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

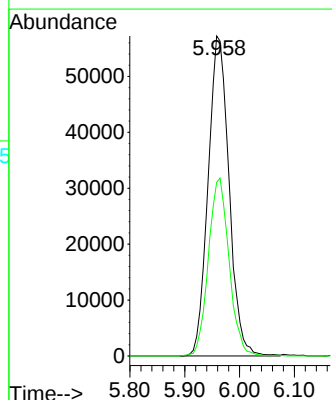
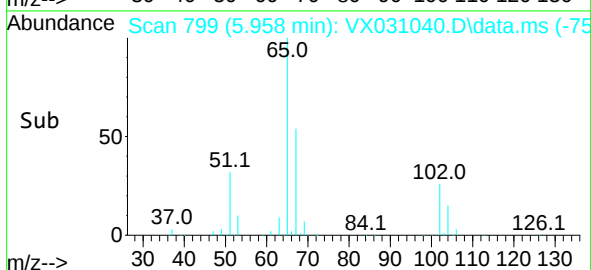
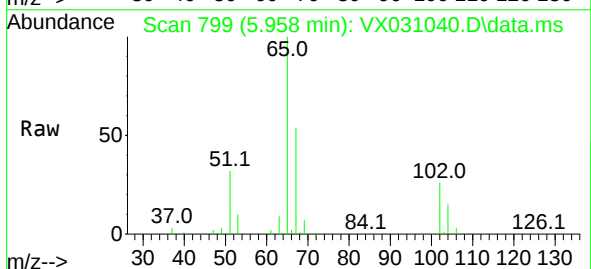


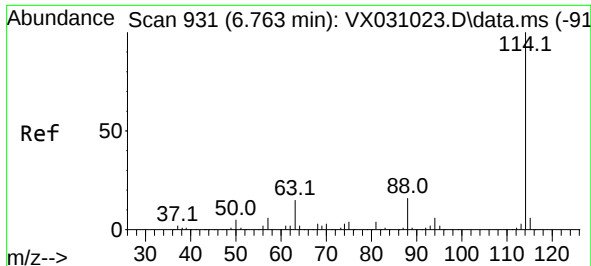
Tgt Ion: 56 Resp: 3310
Ion Ratio Lower Upper
56 100
69 174.2 25.4 38.0#
84 199.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.901 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 65 Resp: 151565
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6

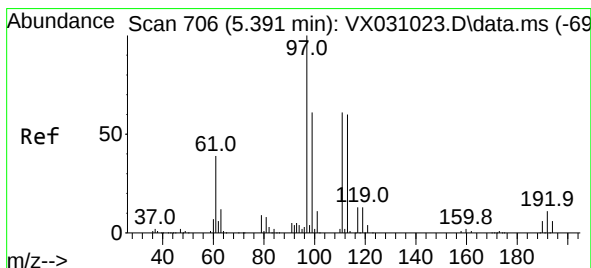
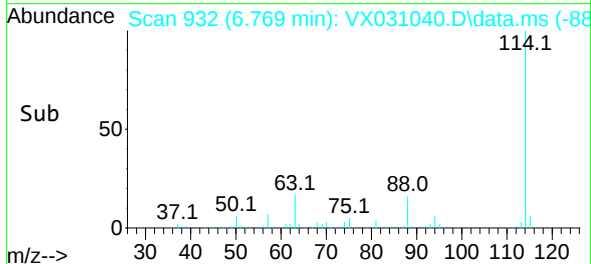
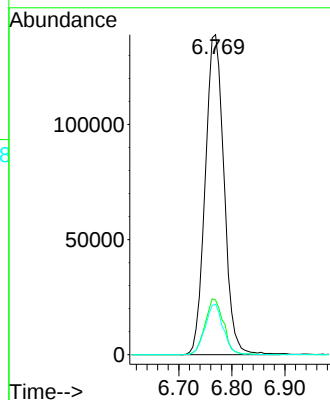
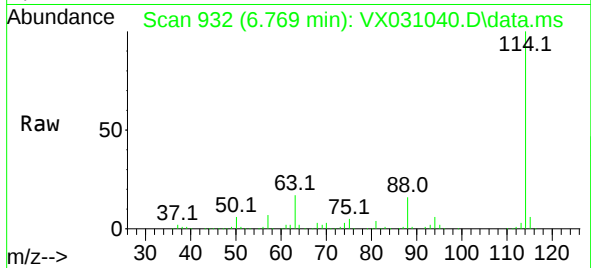




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

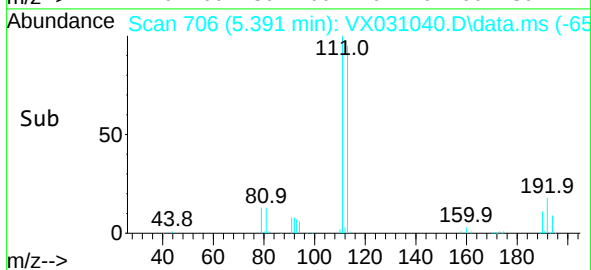
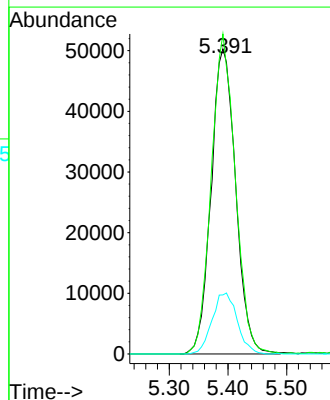
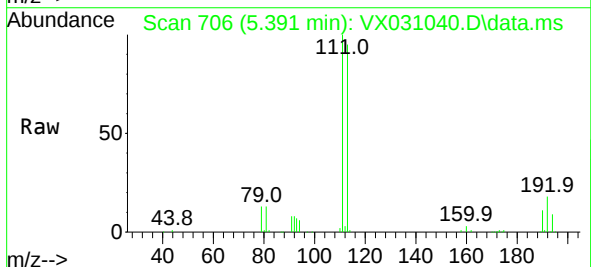
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

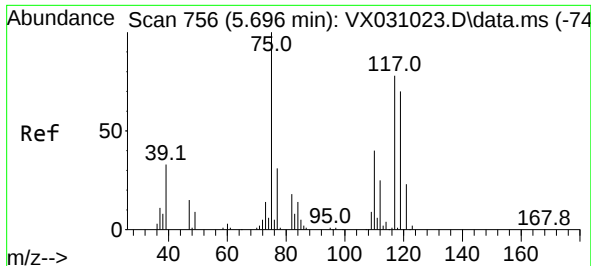
Tgt Ion:114 Resp: 342173
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.4
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.438 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion:113 Resp: 145923
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 20.4 14.8 22.2

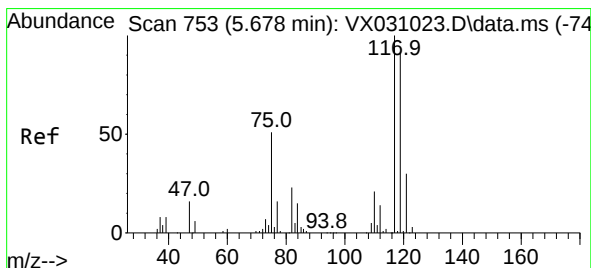
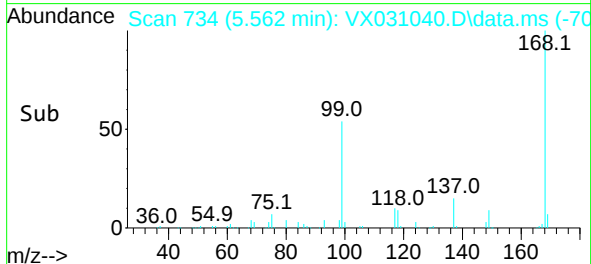
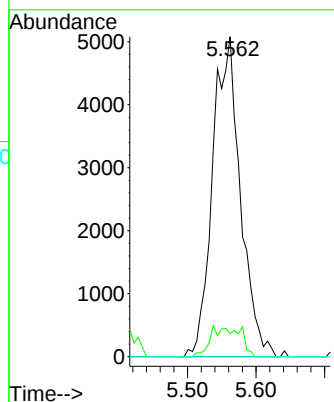
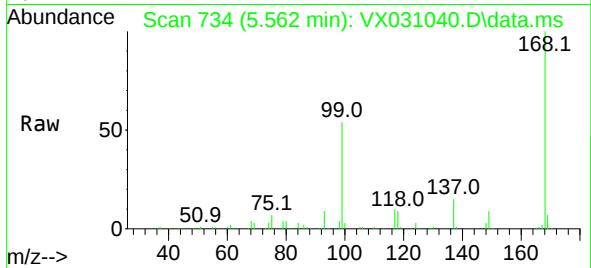




#36
1,1-Dichloropropene
Concen: 4.086 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

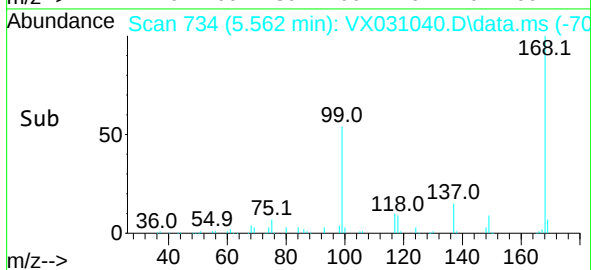
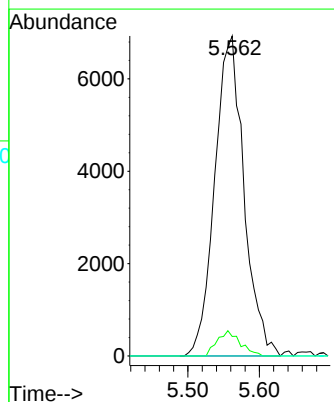
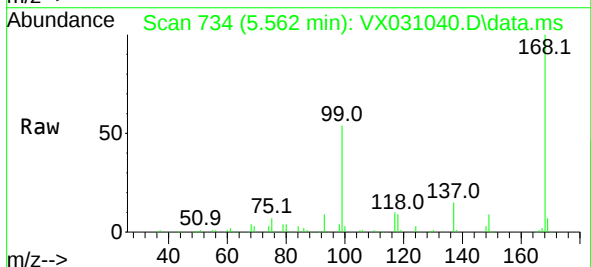
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

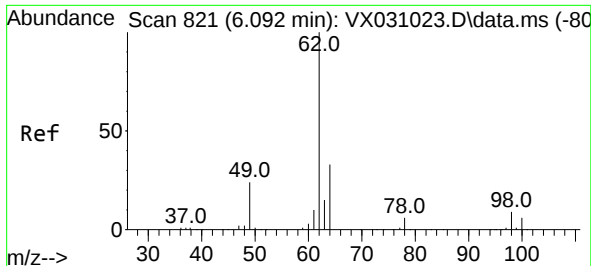
Tgt Ion: 75 Resp: 14291
Ion Ratio Lower Upper
75 100
110 0.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.416 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 117 Resp: 19665
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#





#42

1,2-Dichloroethane

Concen: 0.346 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX031040.D

Acq: 01 Sep 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

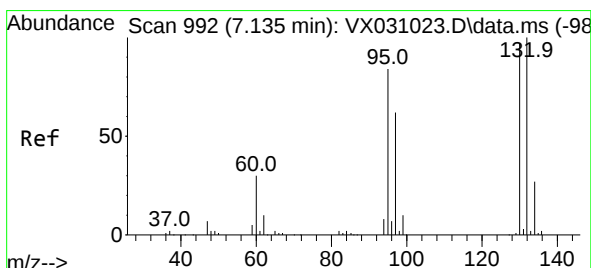
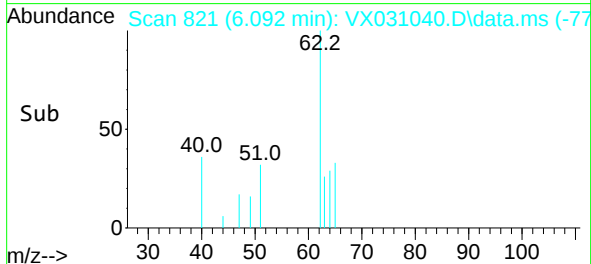
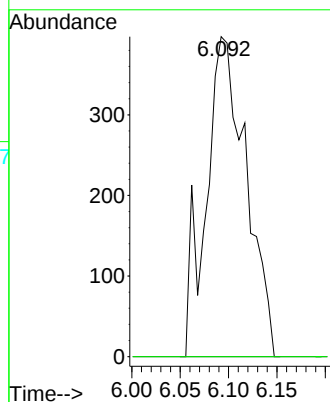
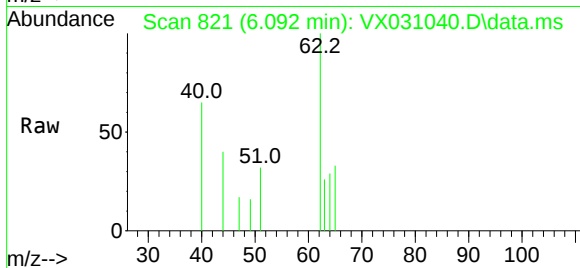
MW202D1-20220820

Tgt Ion: 62 Resp: 1147

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 4.760 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX031040.D

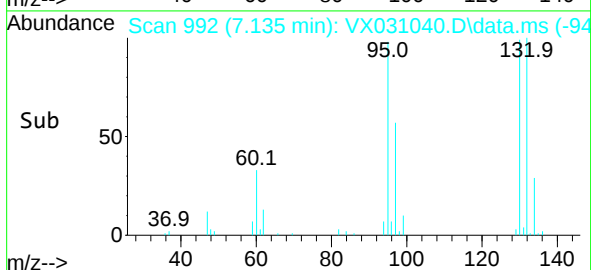
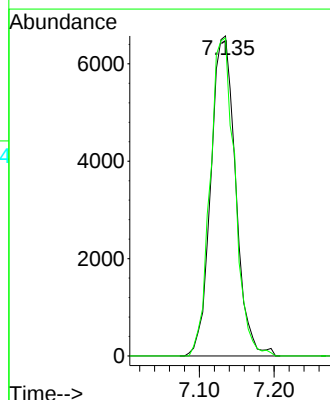
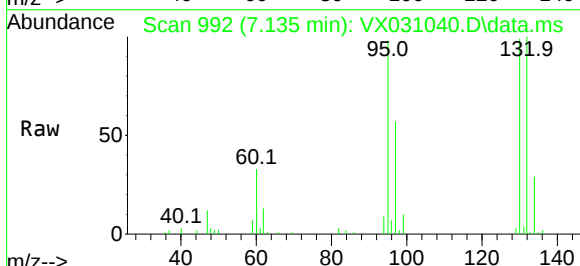
Acq: 01 Sep 2022 23:16

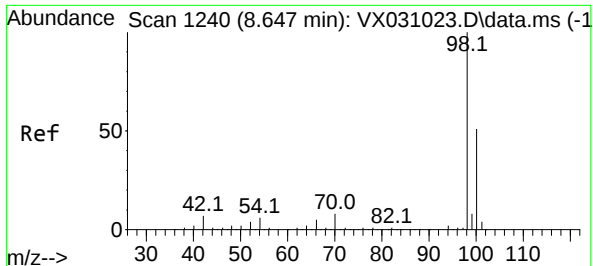
Tgt Ion:130 Resp: 15128

Ion Ratio Lower Upper

130 100

95 99.3 0.0 194.8

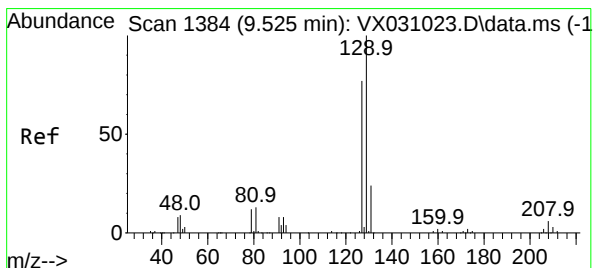
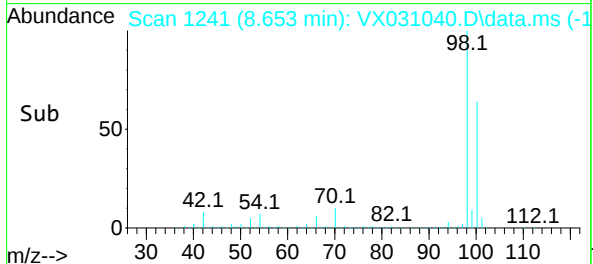
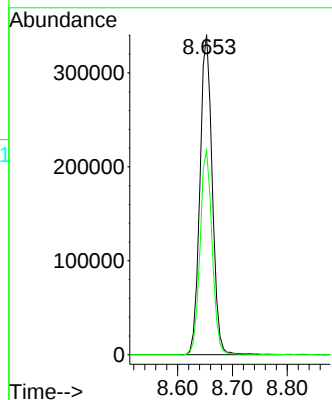
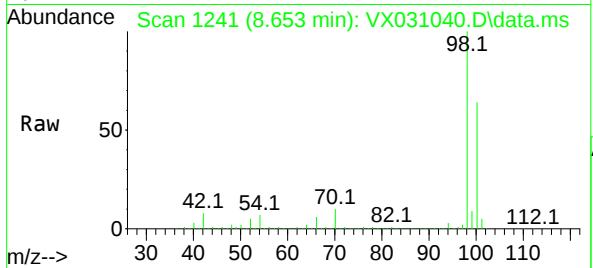




#50
Toluene-d8
Concen: 57.878 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

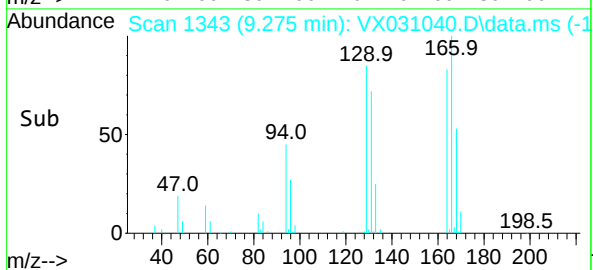
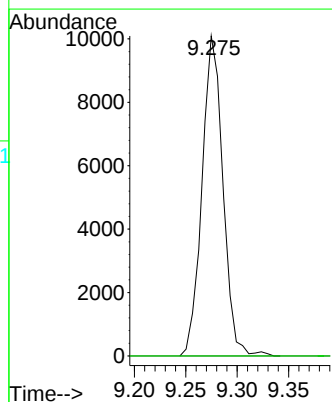
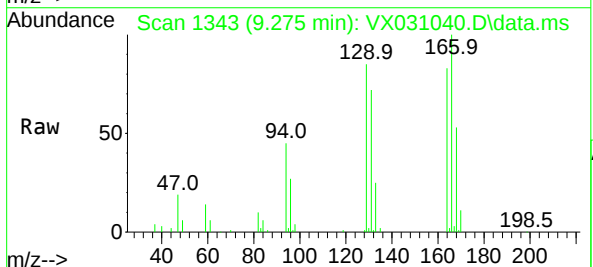
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

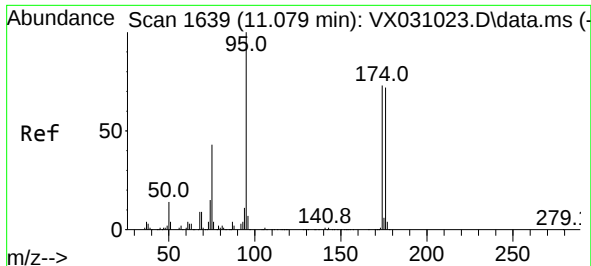
Tgt Ion: 98 Resp: 531903
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5



#60
Dibromochloromethane
Concen: 4.992 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 129 Resp: 14352
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

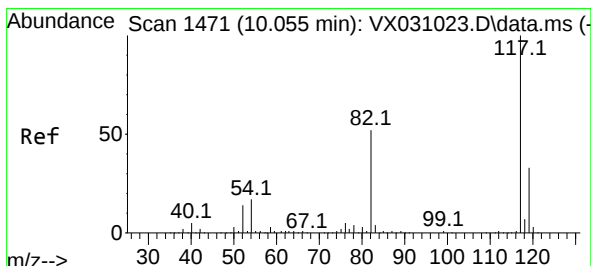
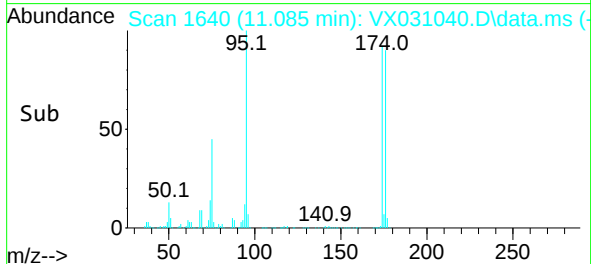
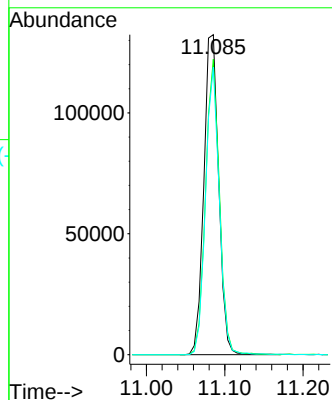
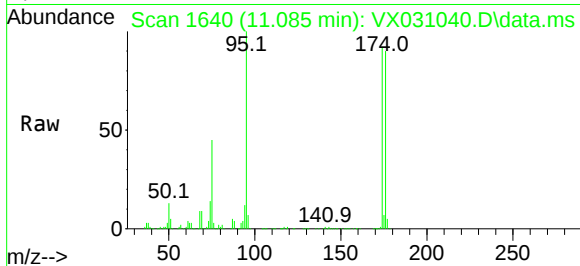




#62
4-Bromofluorobenzene
Concen: 53.543 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

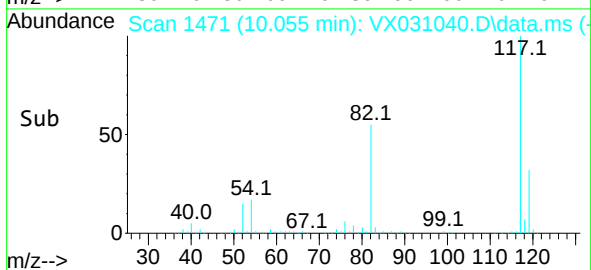
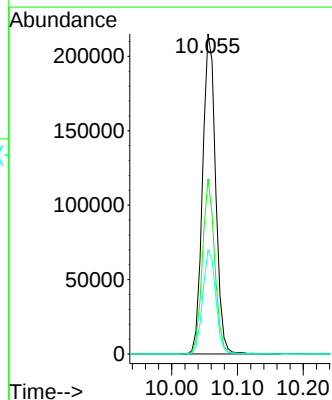
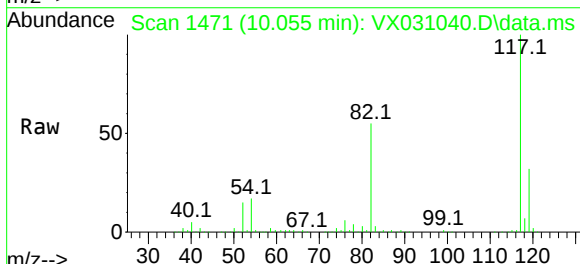
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

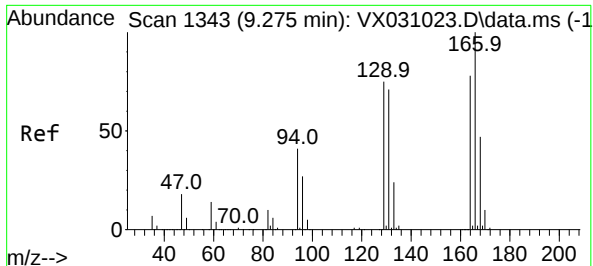
Tgt Ion: 95 Resp: 173797
Ion Ratio Lower Upper
95 100
174 86.8 0.0 149.0
176 83.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 117 Resp: 296454
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 32.5 25.4 38.2



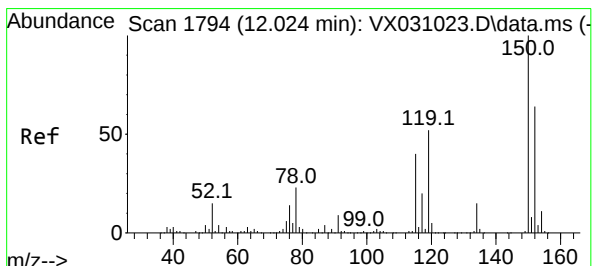
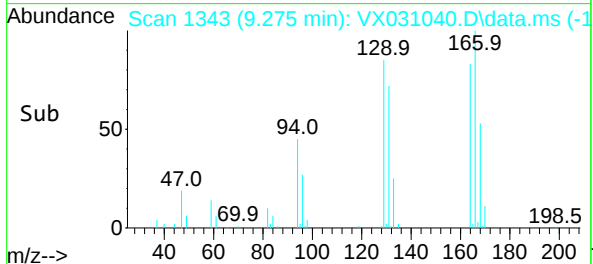
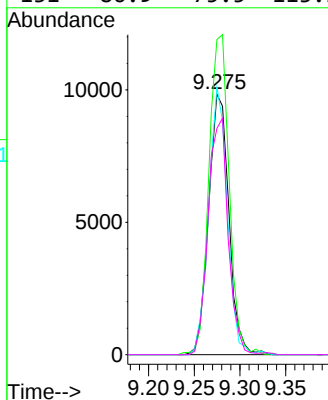
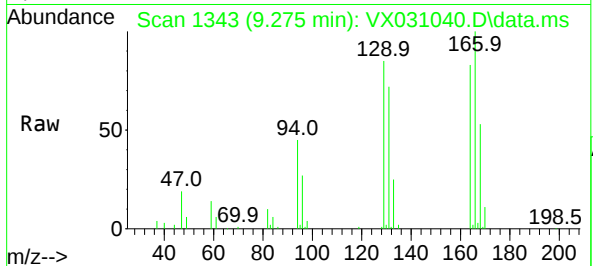


#64
Tetrachloroethene
Concen: 5.124 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

Tgt Ion:164 Resp: 15167

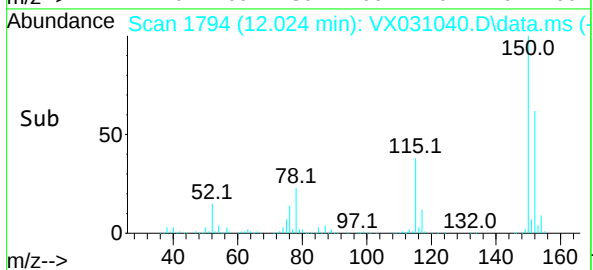
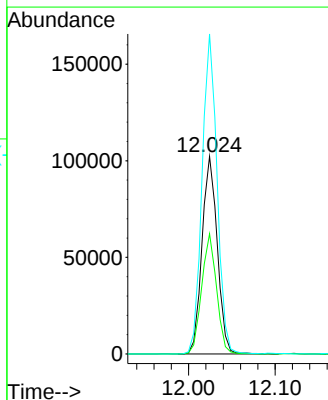
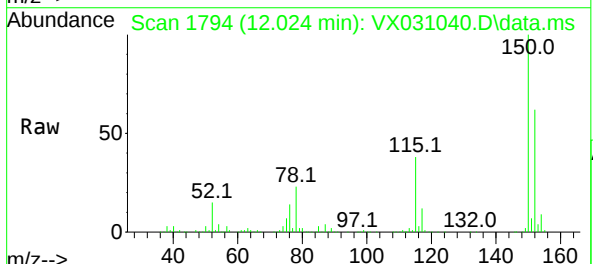
Ion	Ratio	Lower	Upper
164	100		
166	121.0	98.2	147.4
129	102.6	80.8	121.2
131	86.9	75.5	113.3

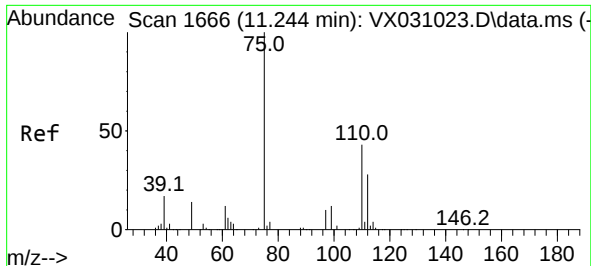


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion:152 Resp: 125222

Ion	Ratio	Lower	Upper
152	100		
115	59.2	40.5	121.5
150	158.8	0.0	347.0

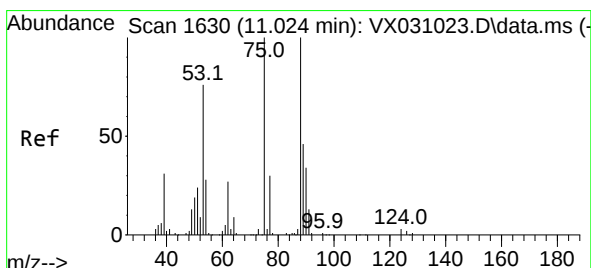
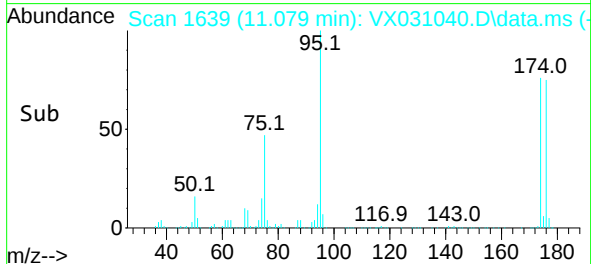
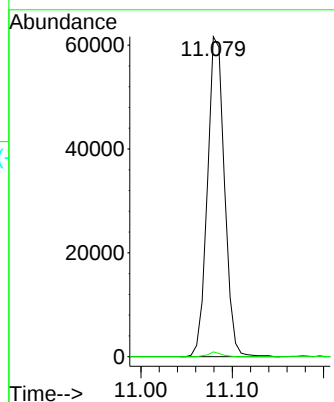
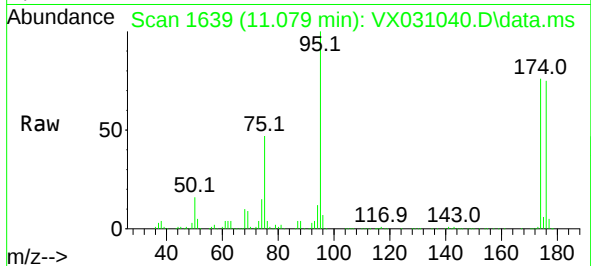




#76
1,2,3-Trichloropropane
Concen: 26.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

Tgt Ion: 75 Resp: 79636
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031040.D
Acq: 01 Sep 2022 23:16

Tgt Ion: 75 Resp: 79636
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

