

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031007.D
 Acq On : 01 Sep 2022 03:40
 Operator : JC/MD
 Sample : N4454-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13A-8-13-083022

Quant Time: Sep 01 04:30:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

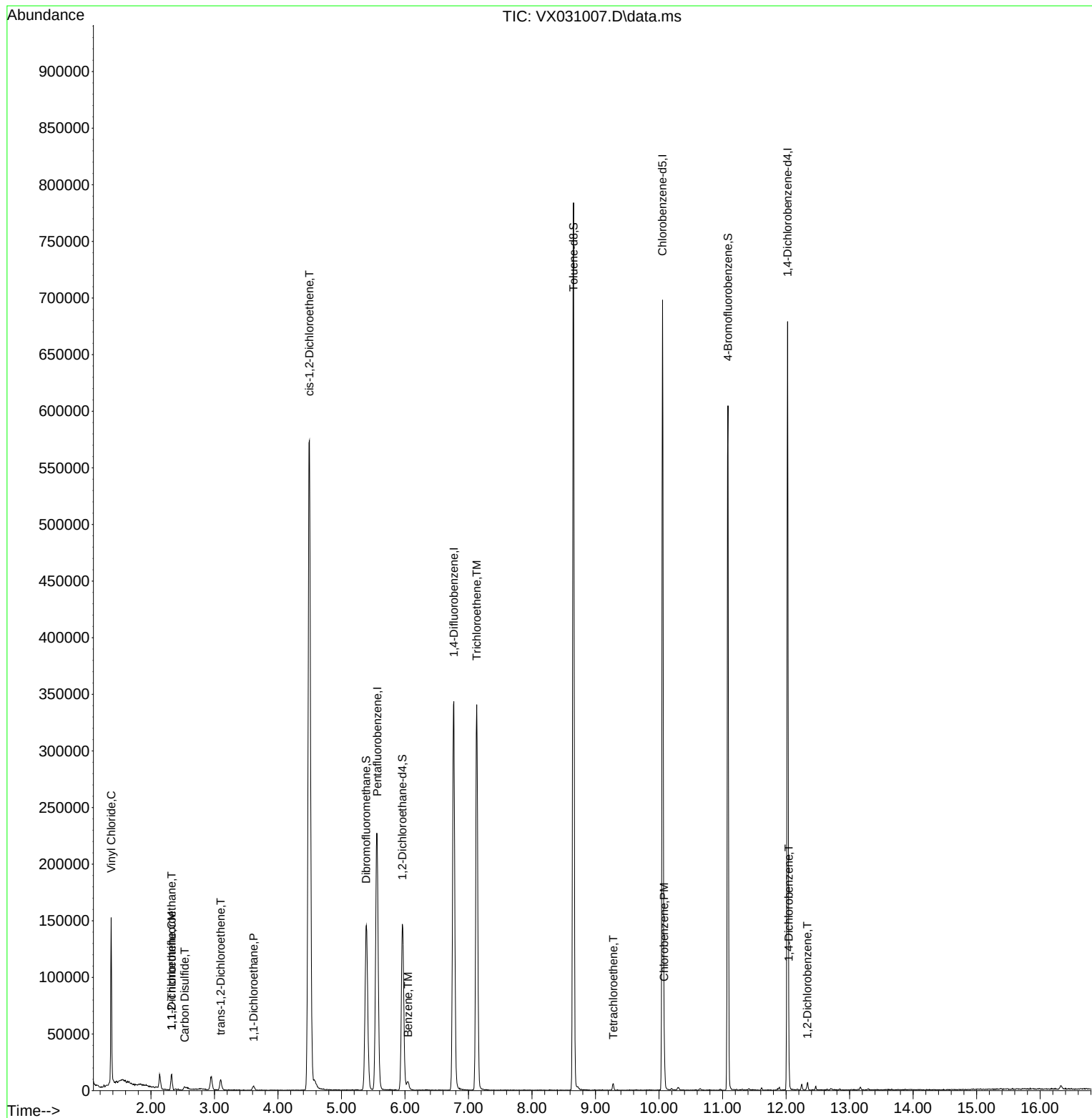
Internal Standards						
1) Pentafluorobenzene	5.562	168	228847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	380940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141445	43.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.180%		
35) Dibromofluoromethane	5.385	113	134394	47.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.720%		
50) Toluene-d8	8.653	98	497023	47.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.085	95	167796	45.310	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.620%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	88730	30.780	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	867	0.308	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	4487	1.613	ug/l	84
17) Carbon Disulfide	2.532	76	6308	0.859	ug/l #	90
21) trans-1,2-Dichloroethene	3.099	96	4082	1.354	ug/l	94
24) 1,1-Dichloroethane	3.617	63	4345	0.798	ug/l #	93
27) cis-1,2-Dichloroethene	4.495	96	400971	115.383	ug/l	87
40) Benzene	6.050	78	9041	0.752	ug/l	98
44) Trichloroethene	7.129	130	143298	40.436	ug/l	93
64) Tetrachloroethene	9.281	164	1084	0.336	ug/l #	67
65) Chlorobenzene	10.079	112	15772	1.957	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	6686	1.143	ug/l #	79
91) 1,2-Dichlorobenzene	12.335	146	2389	0.413	ug/l	91

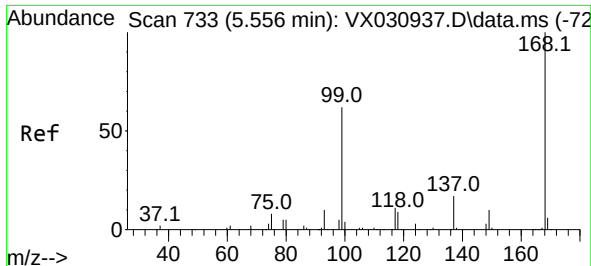
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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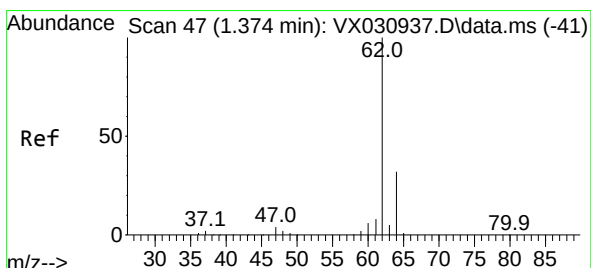
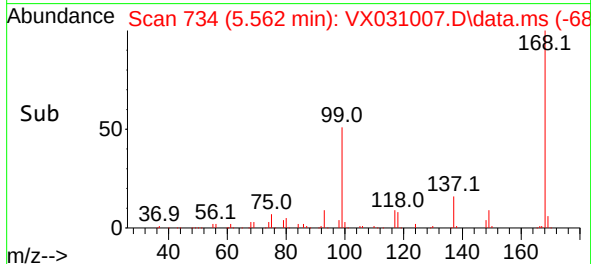
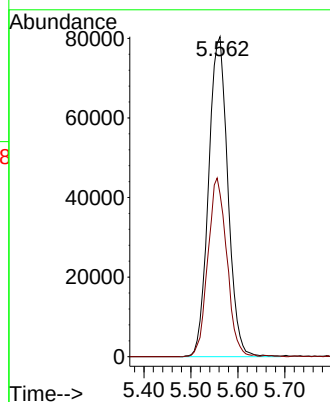
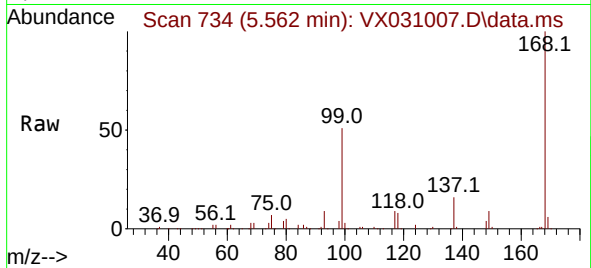




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

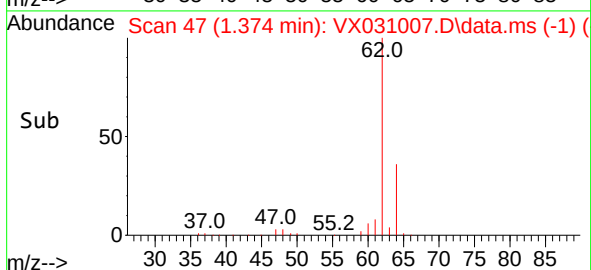
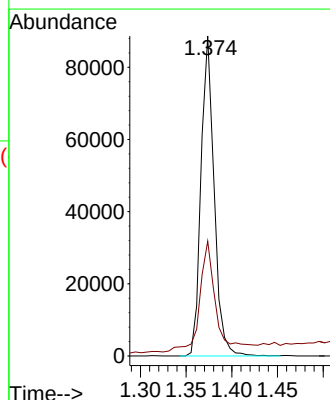
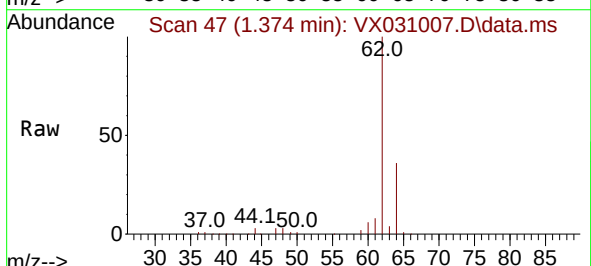
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-8-13-083022

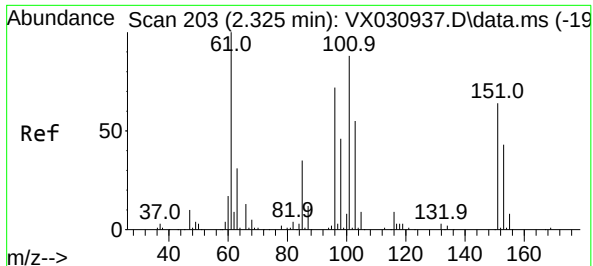
Tgt Ion:168 Resp: 228847
Ion Ratio Lower Upper
168 100
99 50.8 44.0 66.0



#4
Vinyl Chloride
Concen: 30.780 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

Tgt Ion: 62 Resp: 88730
Ion Ratio Lower Upper
62 100
64 33.1 25.2 37.8

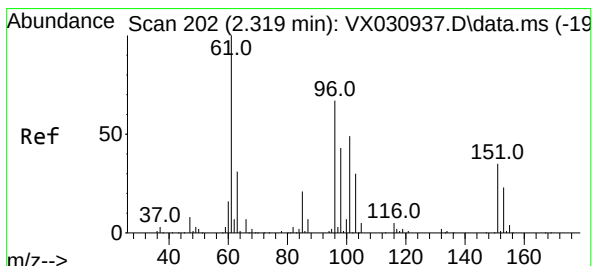
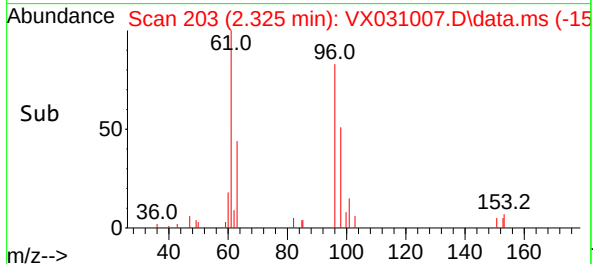
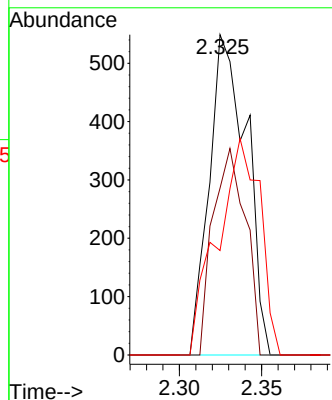
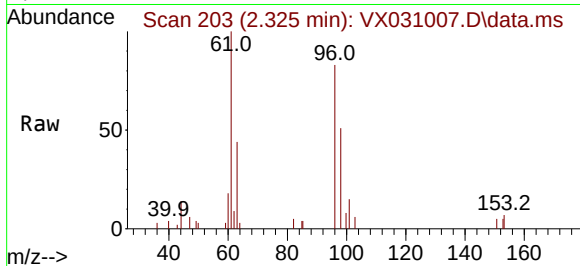




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.308 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX031007.D
 Acq: 01 Sep 2022 03:40

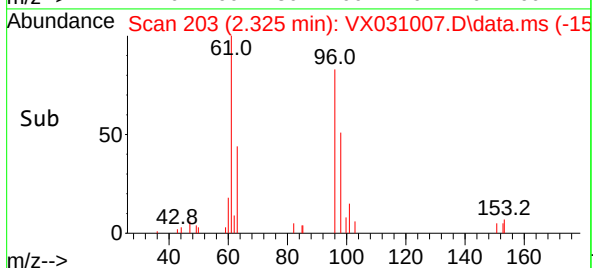
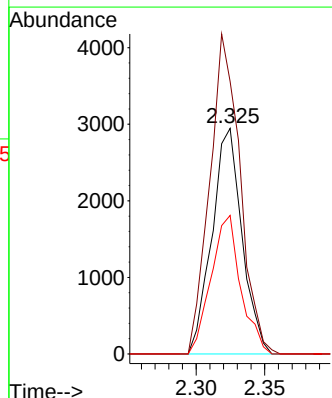
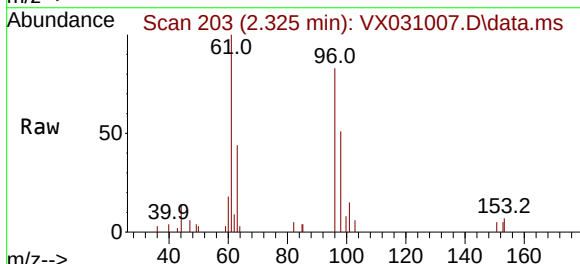
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13A-8-13-083022

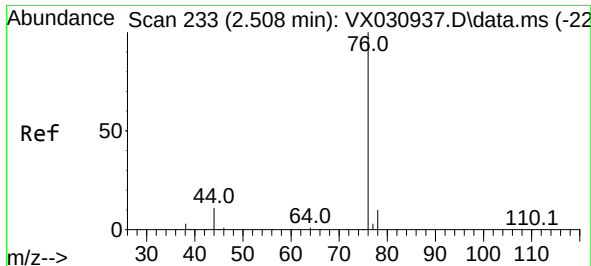
Tgt Ion:101 Resp: 867
 Ion Ratio Lower Upper
 101 100
 85 56.3 34.0 51.0#
 151 77.0 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 1.613 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX031007.D
 Acq: 01 Sep 2022 03:40

Tgt Ion: 96 Resp: 4487
 Ion Ratio Lower Upper
 96 100
 61 120.7 117.4 176.0
 98 61.4 52.2 78.4

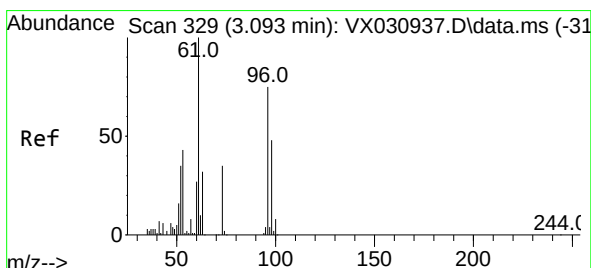
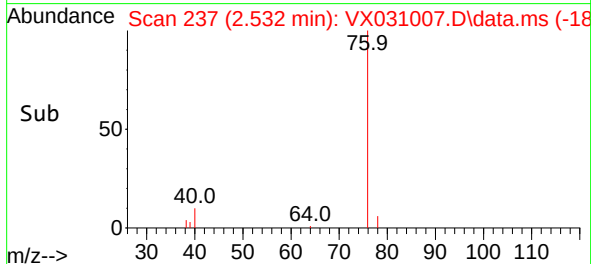
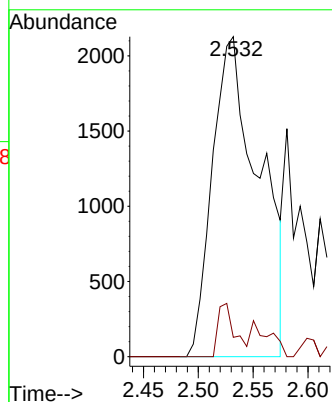
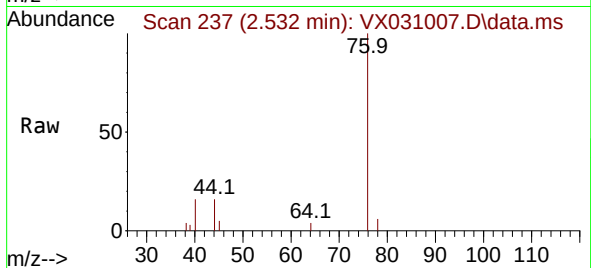




#17
Carbon Disulfide
Concen: 0.859 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

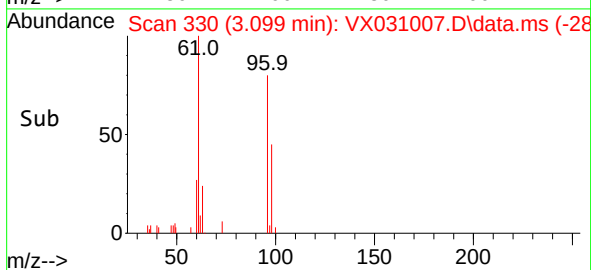
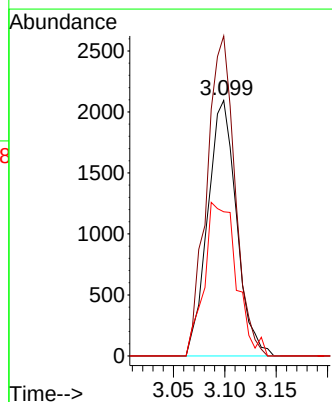
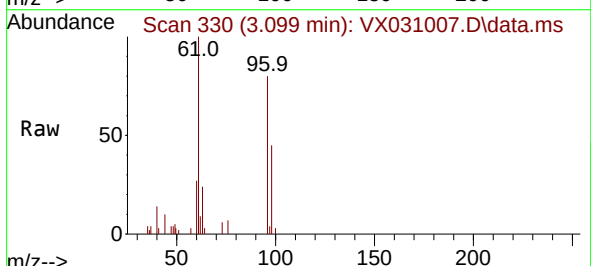
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-8-13-083022

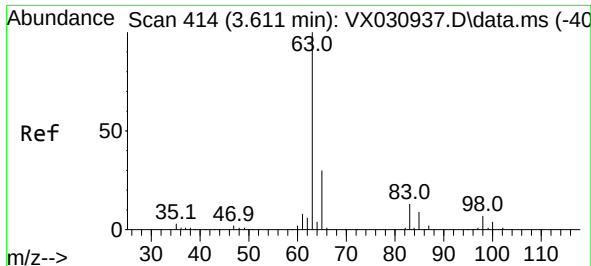
Tgt Ion: 76 Resp: 6308
Ion Ratio Lower Upper
76 100
78 6.1 7.8 11.6#



#21
trans-1,2-Dichloroethene
Concen: 1.354 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

Tgt Ion: 96 Resp: 4082
Ion Ratio Lower Upper
96 100
61 125.2 105.6 158.4
98 56.4 50.1 75.1

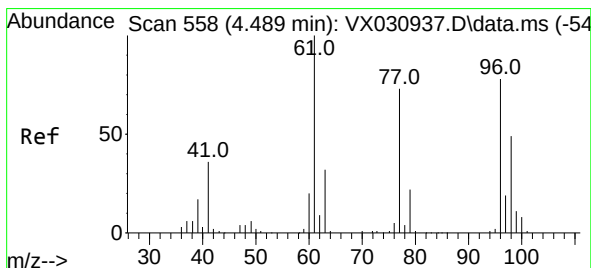
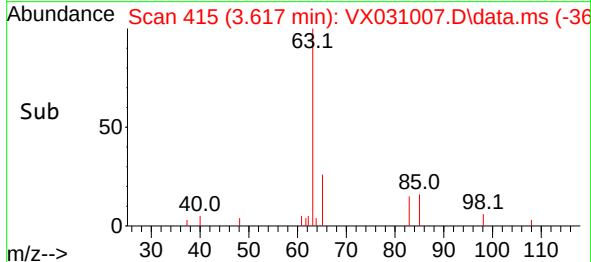
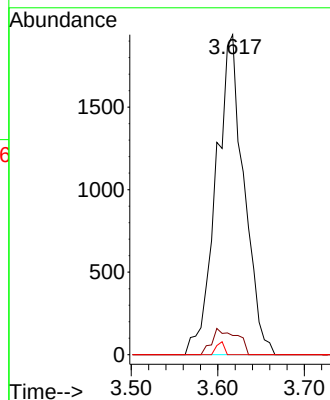
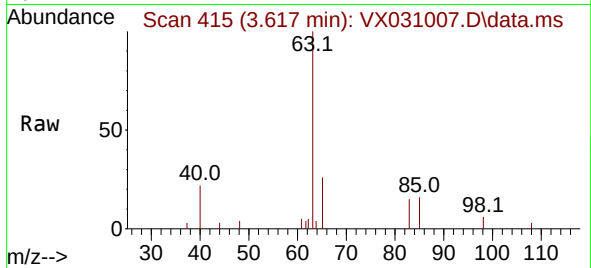




#24
 1,1-Dichloroethane
 Concen: 0.798 ug/l
 RT: 3.617 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX031007.D
 Acq: 01 Sep 2022 03:40

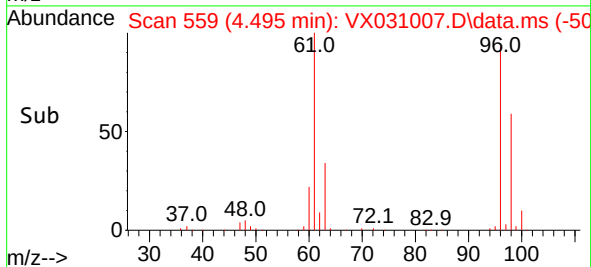
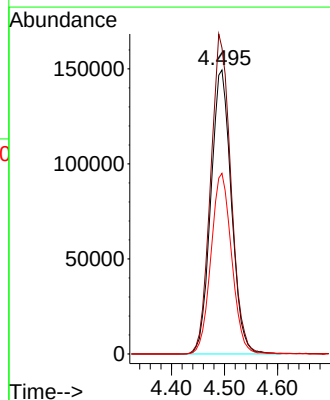
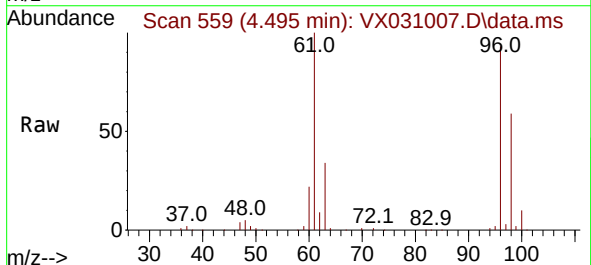
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13A-8-13-083022

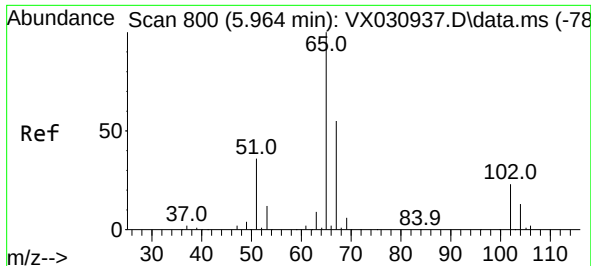
Tgt Ion: 63 Resp: 4345
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 0.0 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 115.383 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX031007.D
 Acq: 01 Sep 2022 03:40

Tgt Ion: 96 Resp: 400971
 Ion Ratio Lower Upper
 96 100
 61 111.7 0.0 270.0
 98 64.1 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 43.093 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031007.D

Acq: 01 Sep 2022 03:40

Instrument :

MSVOA_X

ClientSampleId :

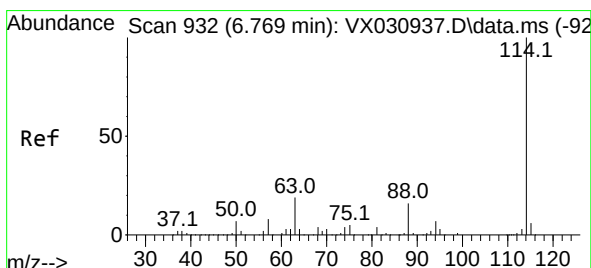
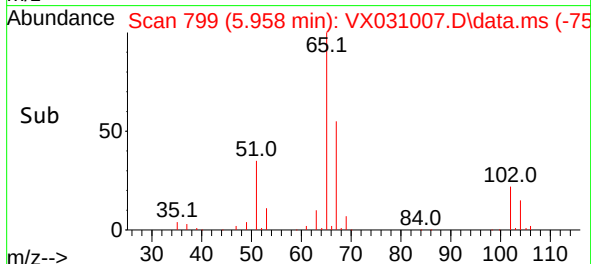
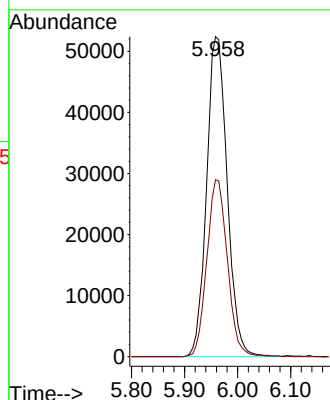
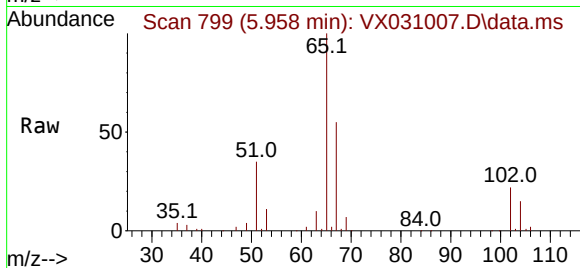
MW-13A-8-13-083022

Tgt Ion: 65 Resp: 141445

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031007.D

Acq: 01 Sep 2022 03:40

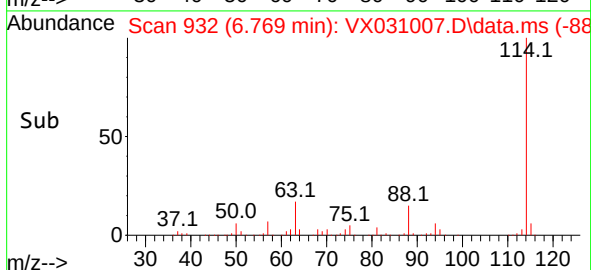
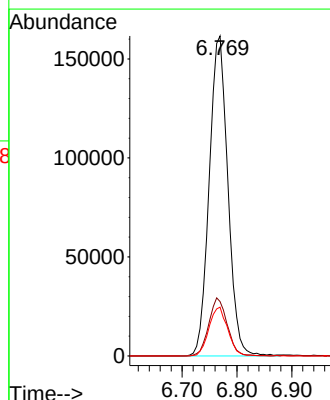
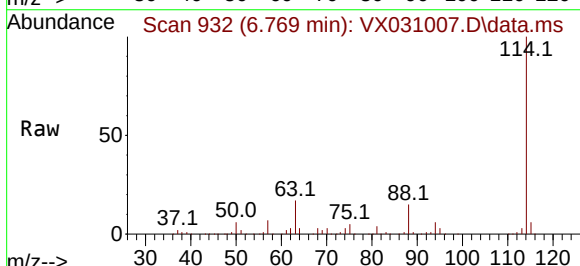
Tgt Ion: 114 Resp: 380940

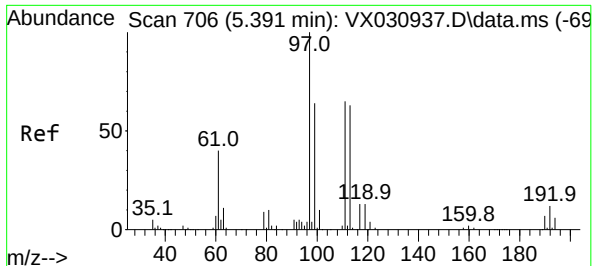
Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.860 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031007.D

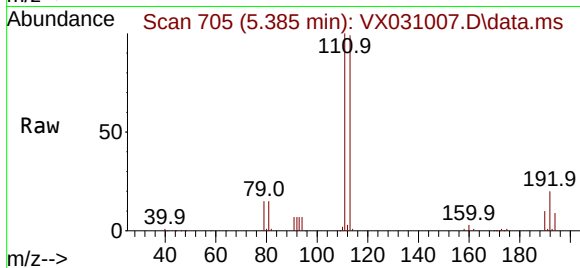
Acq: 01 Sep 2022 03:40

Instrument :

MSVOA_X

ClientSampleId :

MW-13A-8-13-083022



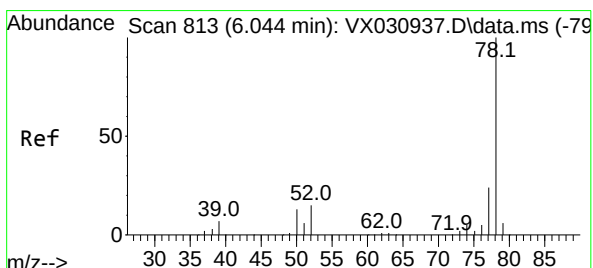
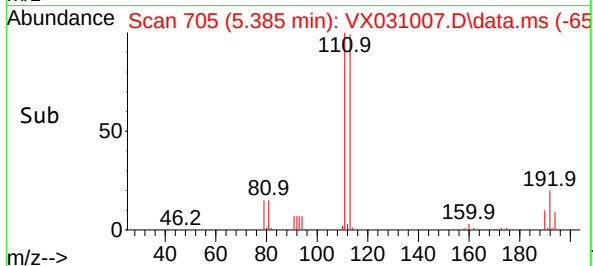
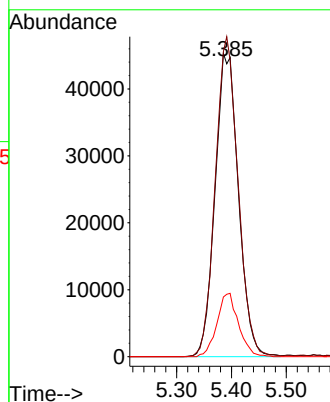
Tgt Ion:113 Resp: 134394

Ion Ratio Lower Upper

113 100

111 102.4 83.2 124.8

192 19.2 14.8 22.2



#40

Benzene

Concen: 0.752 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX031007.D

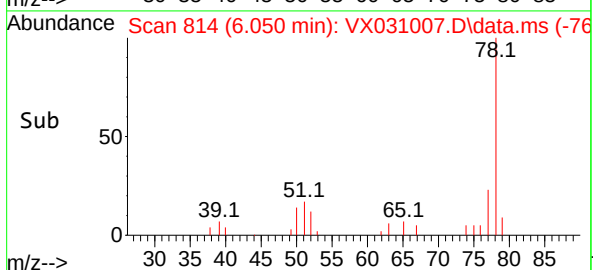
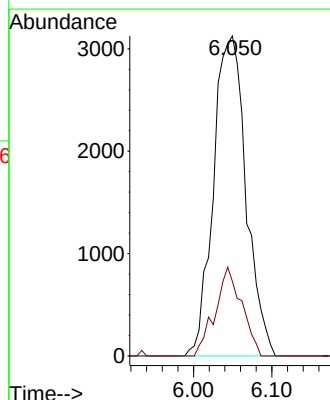
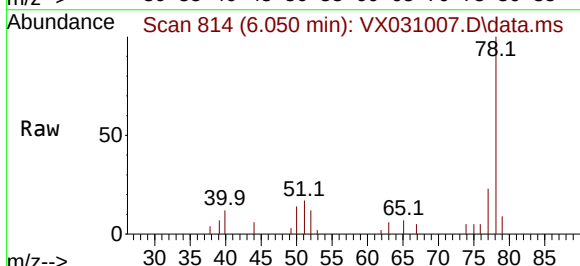
Acq: 01 Sep 2022 03:40

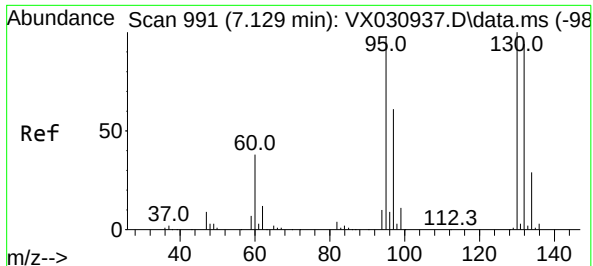
Tgt Ion: 78 Resp: 9041

Ion Ratio Lower Upper

78 100

77 23.4 18.0 27.0

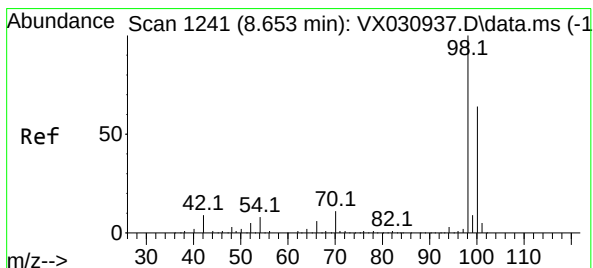
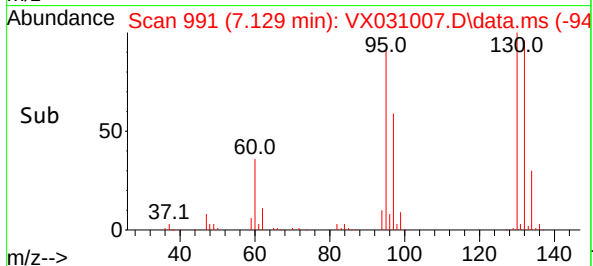
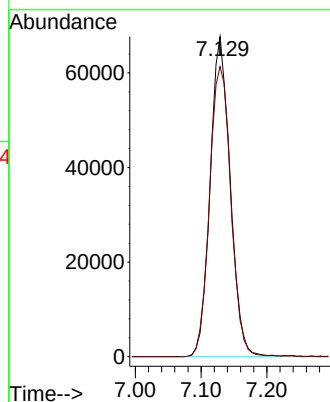
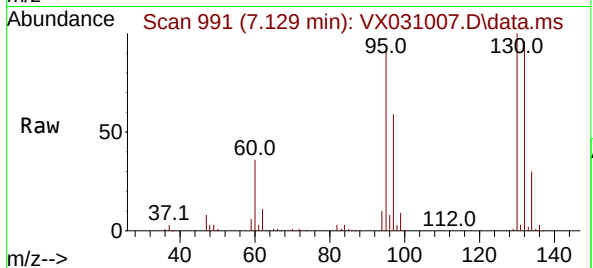




#44
Trichloroethene
Concen: 40.436 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

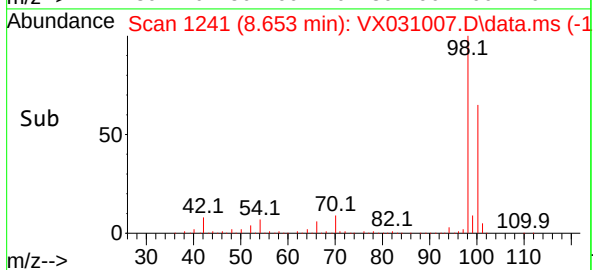
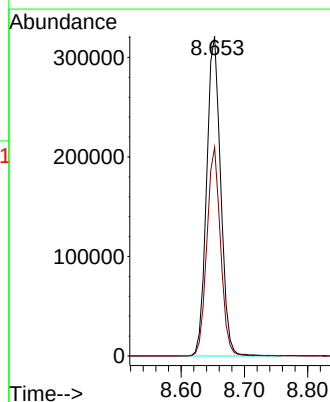
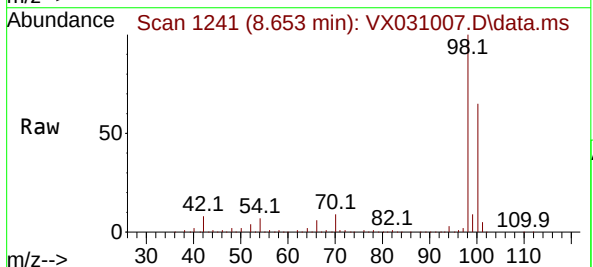
Instrument :
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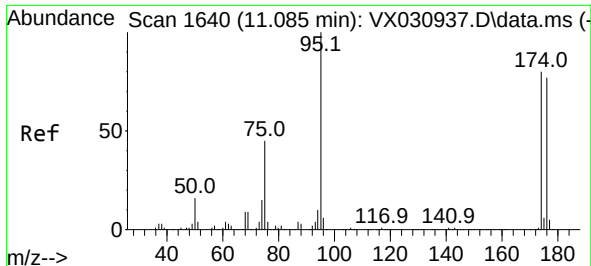
Tgt Ion:130 Resp: 143298
Ion Ratio Lower Upper
130 100
95 90.7 0.0 194.8



#50
Toluene-d8
Concen: 47.794 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

Tgt Ion: 98 Resp: 497023
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

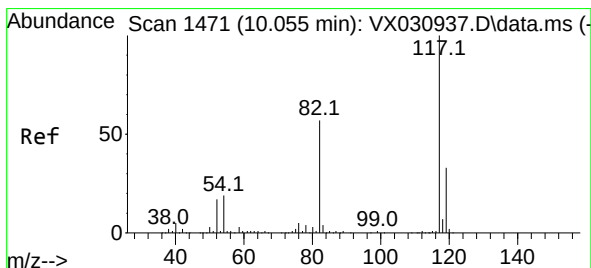
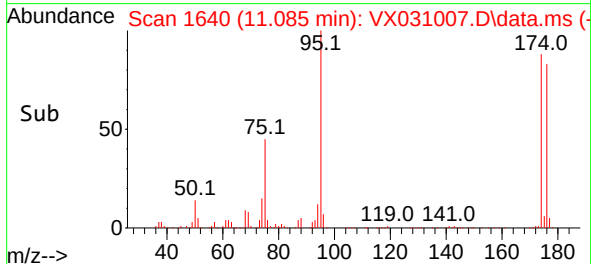
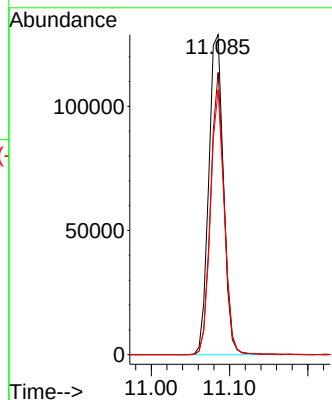
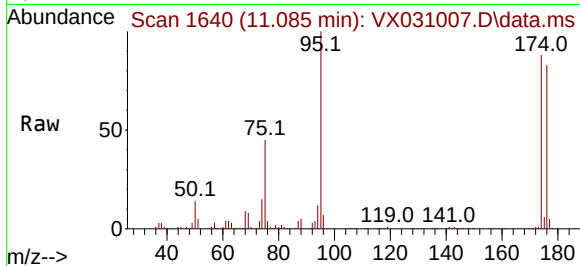




#62
4-Bromofluorobenzene
Concen: 45.310 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

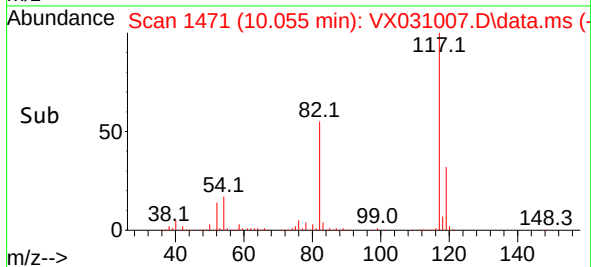
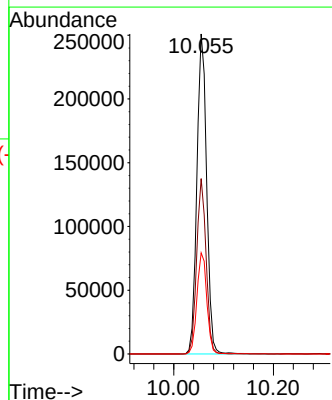
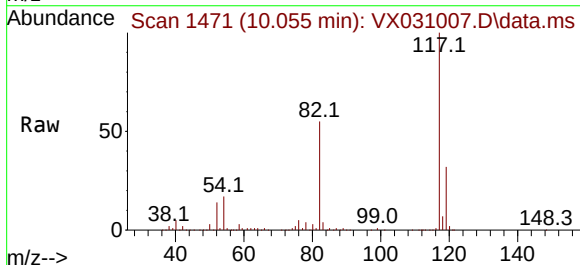
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-8-13-083022

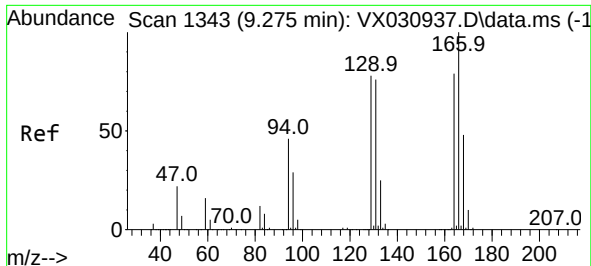
Tgt Ion: 95 Resp: 167796
Ion Ratio Lower Upper
95 100
174 81.8 0.0 149.0
176 77.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

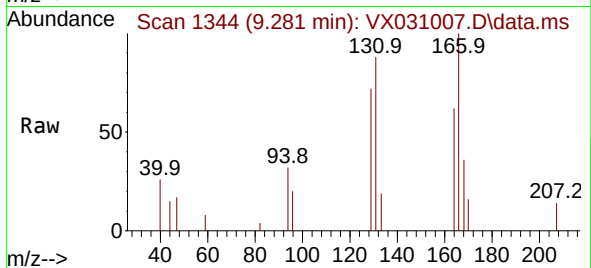
Tgt Ion: 117 Resp: 340803
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 31.6 25.4 38.2



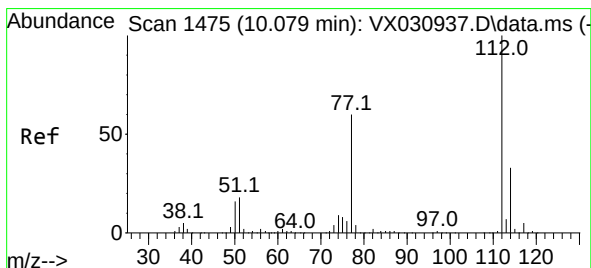
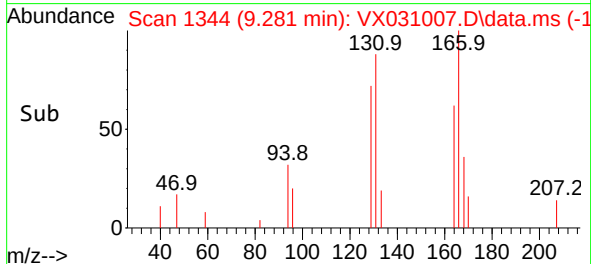
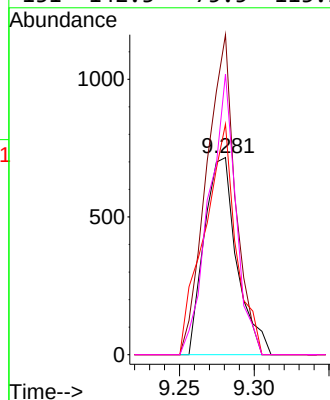


#64
Tetrachloroethene
Concen: 0.336 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

Instrument :
MSVOA_X
ClientSampleId :
MW-13A-8-13-083022

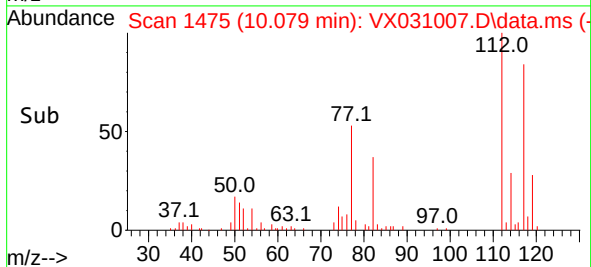
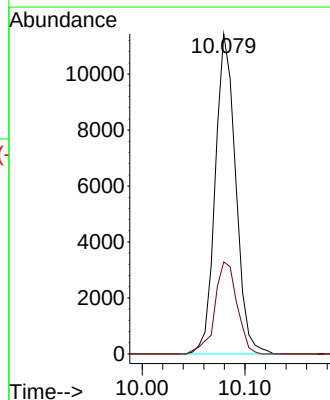
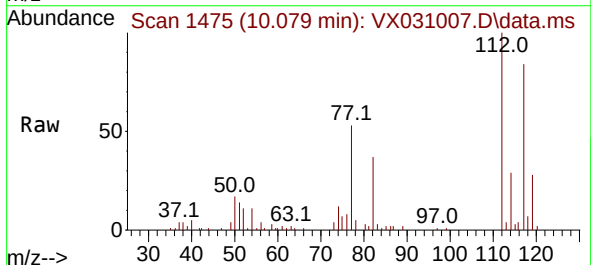


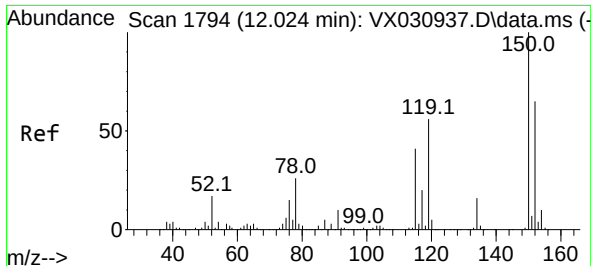
Tgt Ion:	164	Resp:	1084
Ion	Ratio	Lower	Upper
164	100		
166	162.3	98.2	147.4#
129	116.9	80.8	121.2
131	142.3	75.5	113.3#



#65
Chlorobenzene
Concen: 1.957 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031007.D
Acq: 01 Sep 2022 03:40

Tgt Ion:	112	Resp:	15772
Ion	Ratio	Lower	Upper
112	100		
114	28.7	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031007.D

Acq: 01 Sep 2022 03:40

Instrument :

MSVOA_X

ClientSampleId :

MW-13A-8-13-083022

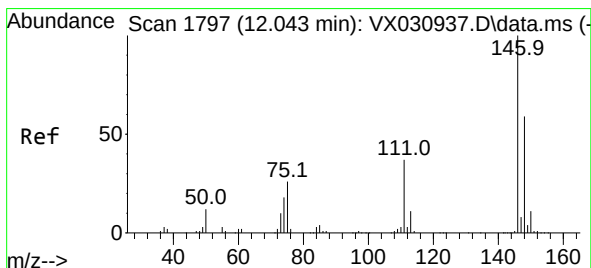
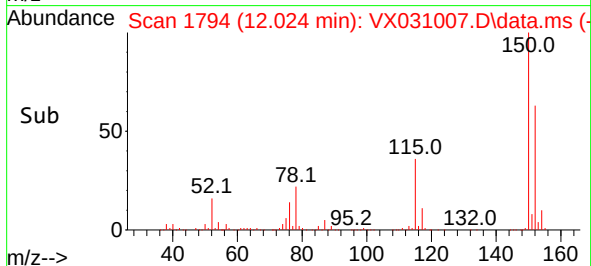
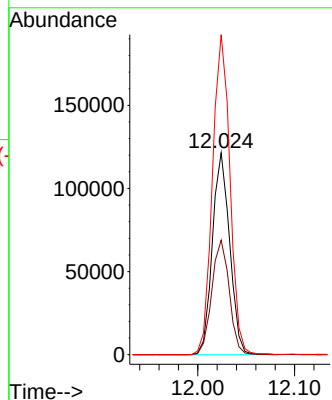
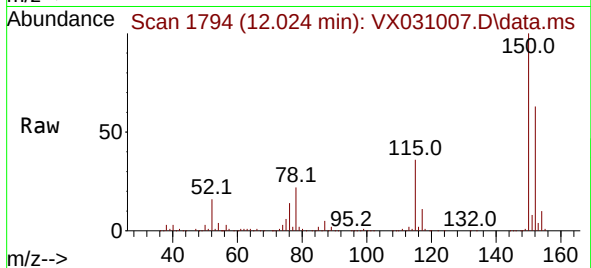
Tgt Ion:152 Resp: 150992

Ion Ratio Lower Upper

152 100

115 57.2 40.5 121.5

150 160.1 0.0 347.0



#88

1,4-Dichlorobenzene

Concen: 1.143 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX031007.D

Acq: 01 Sep 2022 03:40

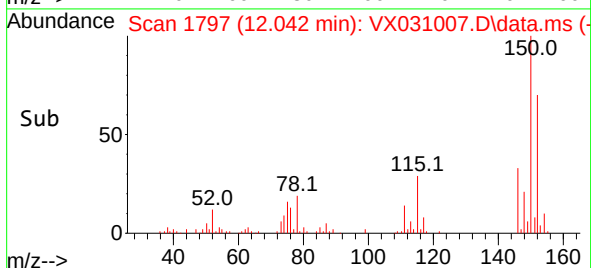
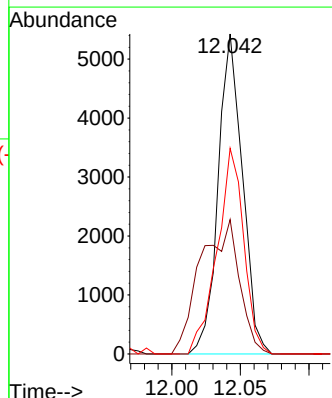
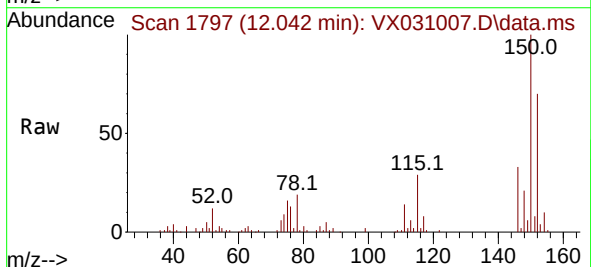
Tgt Ion:146 Resp: 6686

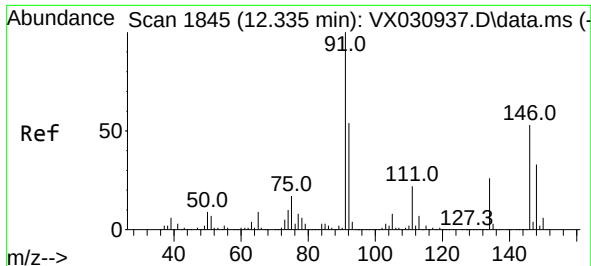
Ion Ratio Lower Upper

146 100

111 67.1 20.3 60.9#

148 70.3 32.3 96.8





#91
 1,2-Dichlorobenzene
 Concen: 0.413 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031007.D
 Acq: 01 Sep 2022 03:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13A-8-13-083022

Tgt Ion:146	Resp:	2389	
Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.7	62.1
148	55.6	32.0	96.2

