

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029866.D
 Acq On : 29 Jun 2022 16:53
 Operator : JC/MD
 Sample : N3485-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20220623

Quant Time: Jun 29 23:00:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

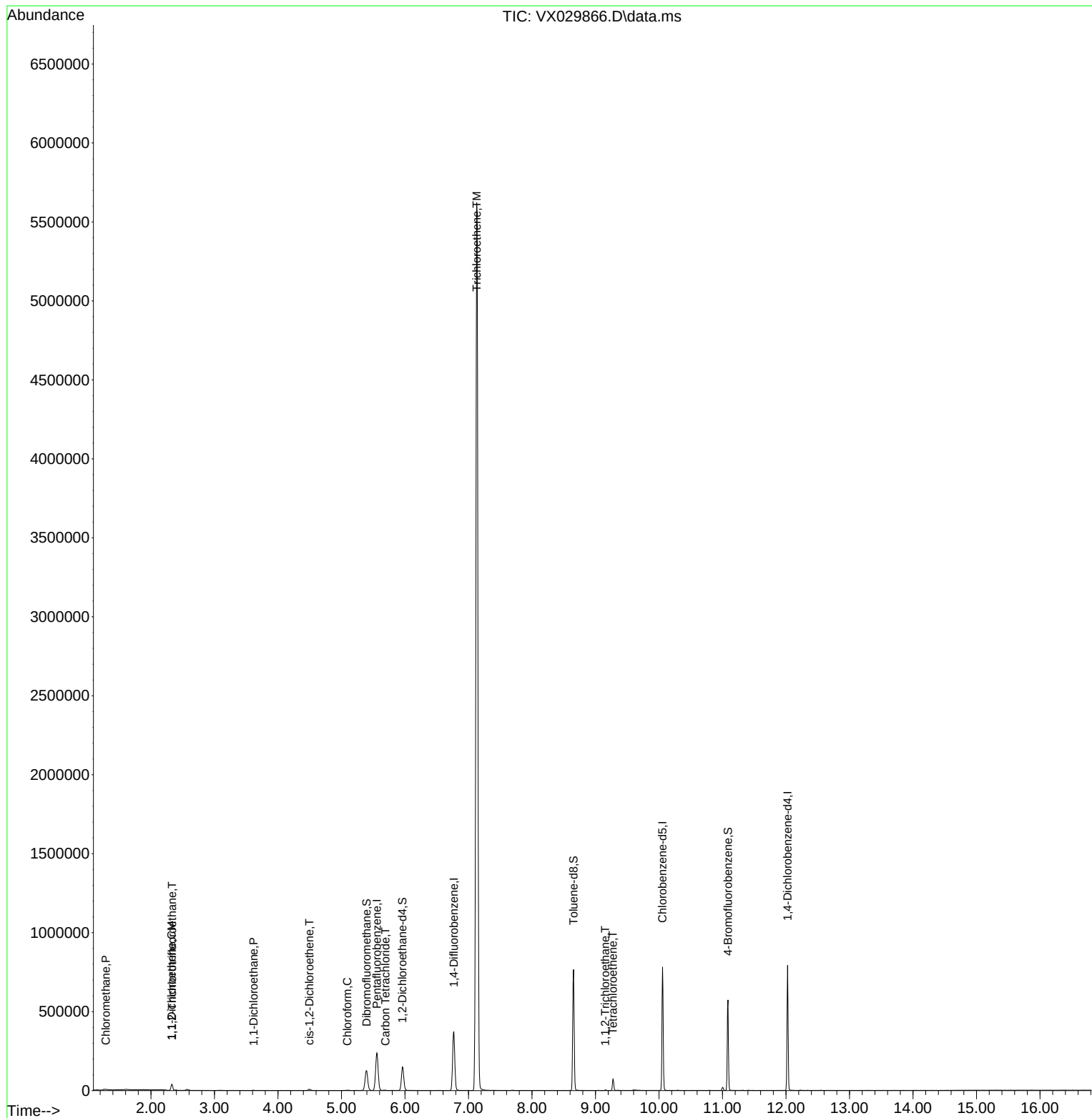
Internal Standards						
1) Pentafluorobenzene	5.556	168	234287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	404514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127599	43.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.060%		
35) Dibromofluoromethane	5.397	113	113331	44.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.660%		
50) Toluene-d8	8.653	98	463404	48.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.720%		
62) 4-Bromofluorobenzene	11.085	95	156696	46.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.480%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	822	0.312	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	2.331	101	13529	5.758	ug/l	96
12) 1,1-Dichloroethene	2.325	96	2793	1.158	ug/l	97
24) 1,1-Dichloroethane	3.617	63	2130	0.449	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	5260	1.683	ug/l	81
30) Chloroform	5.093	83	2367	0.509	ug/l #	73
38) Carbon Tetrachloride	5.690	117	1637	0.562	ug/l #	61
44) Trichloroethene	7.129	130	2225976	760.253	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1147	0.401	ug/l #	83
64) Tetrachloroethene	9.275	164	12806	6.036	ug/l	94

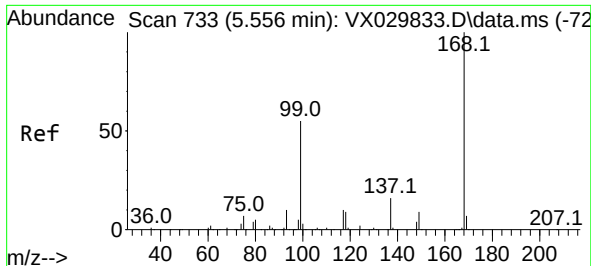
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 23:00:30 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

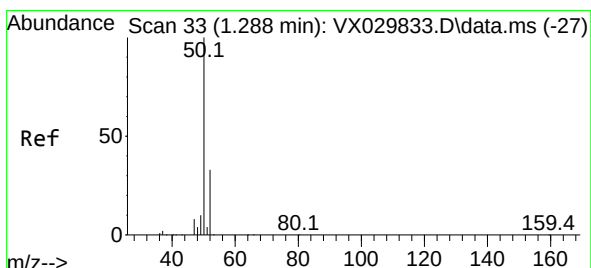
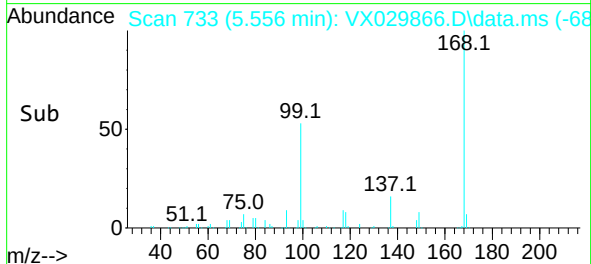
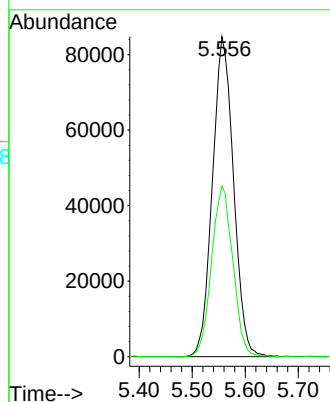
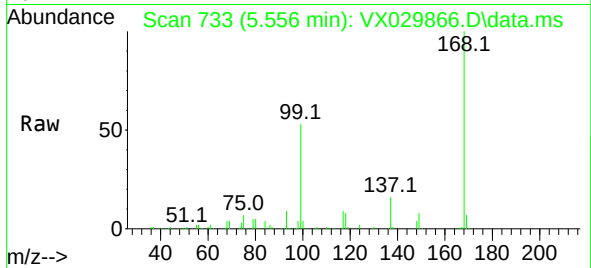




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

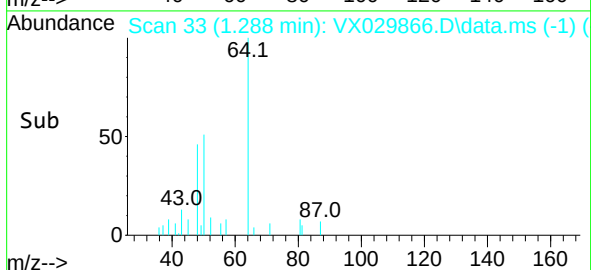
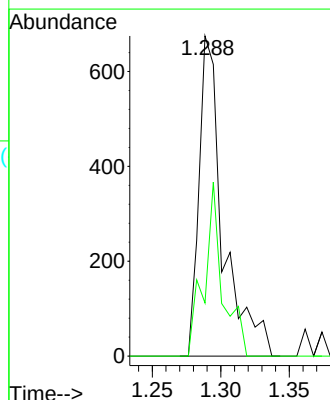
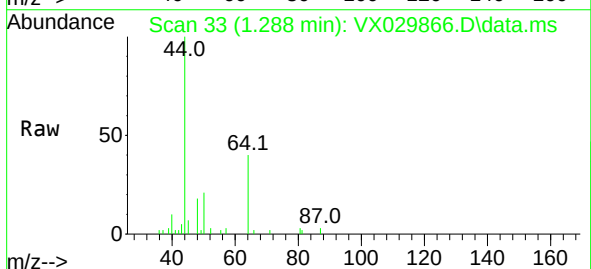
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220623

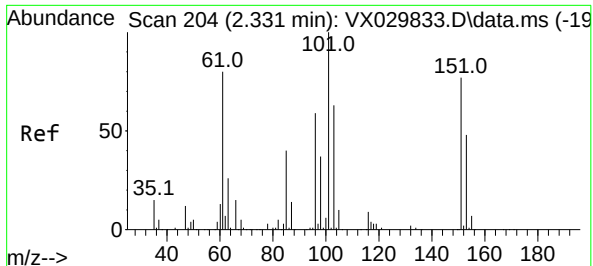
Tgt Ion:168 Resp: 234287
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#3
Chloromethane
Concen: 0.312 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

Tgt Ion: 50 Resp: 822
Ion Ratio Lower Upper
50 100
52 16.6 26.3 39.5

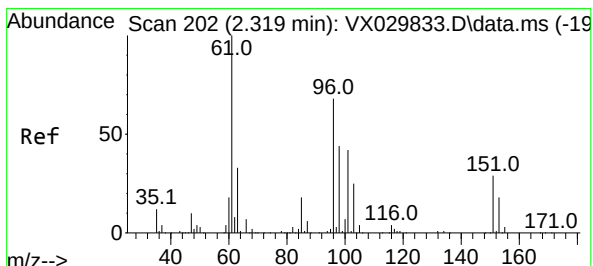
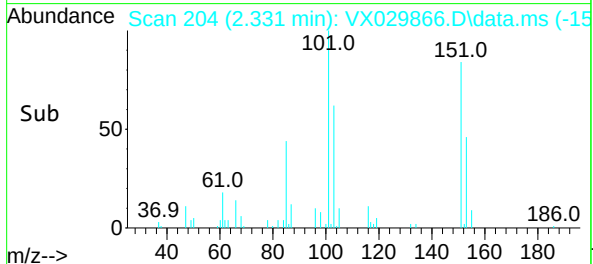
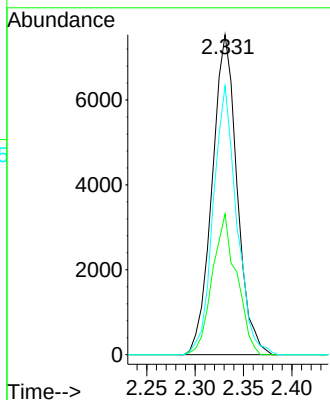
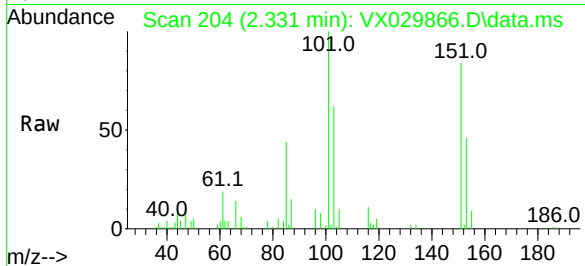




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.758 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029866.D
 Acq: 29 Jun 2022 16:53

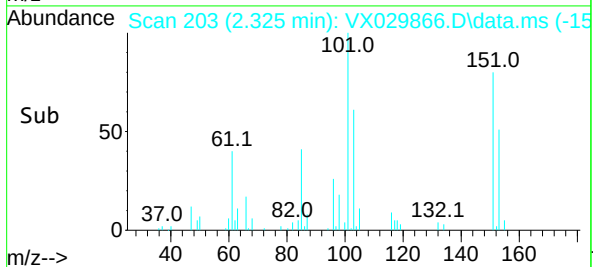
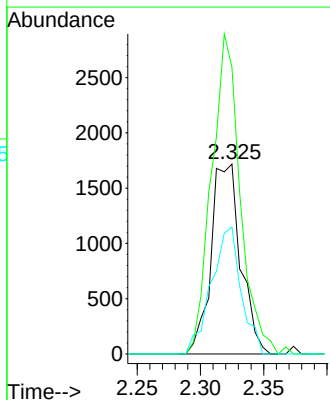
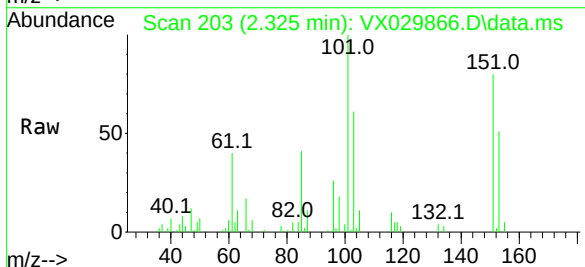
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20220623

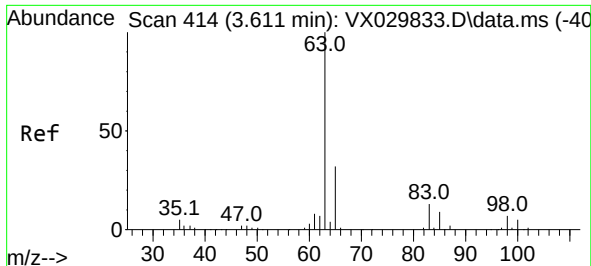
Tgt Ion:101 Resp: 13529
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.0 51.0
 151 79.3 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 1.158 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX029866.D
 Acq: 29 Jun 2022 16:53

Tgt Ion: 96 Resp: 2793
 Ion Ratio Lower Upper
 96 100
 61 150.9 117.4 176.0
 98 66.8 52.2 78.4

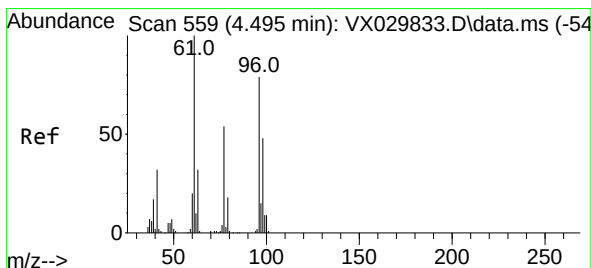
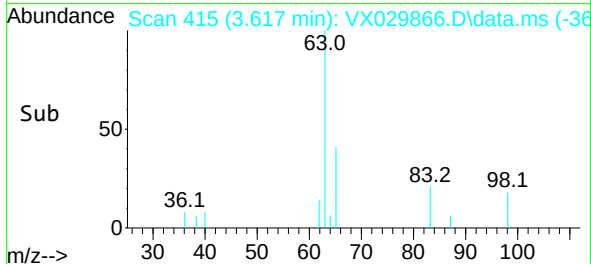
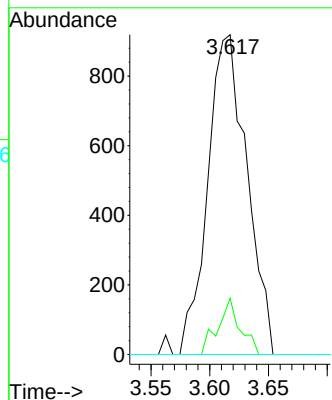
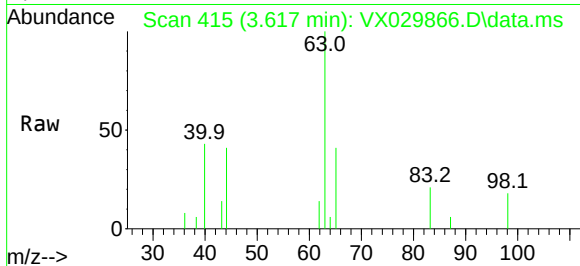




#24
1,1-Dichloroethane
Concen: 0.449 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

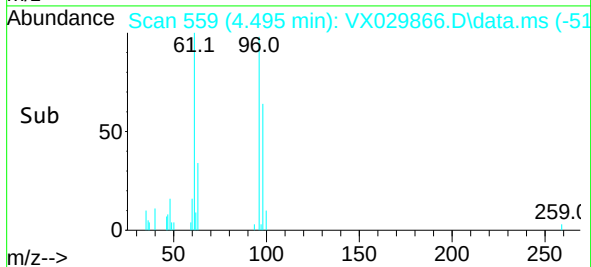
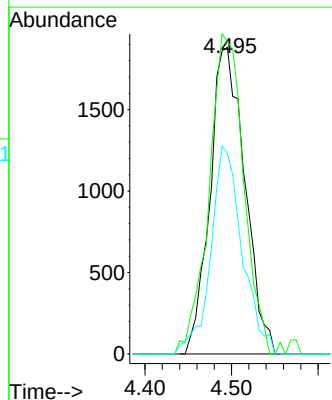
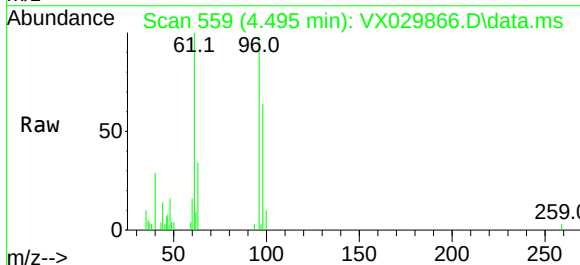
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220623

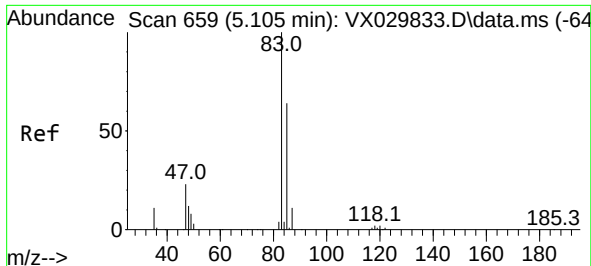
Tgt Ion: 63 Resp: 2130
Ion Ratio Lower Upper
63 100
98 17.6 3.5 10.5#
100 0.0 2.3 6.9#



#27
cis-1,2-Dichloroethene
Concen: 1.683 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

Tgt Ion: 96 Resp: 5260
Ion Ratio Lower Upper
96 100
61 103.5 0.0 270.0
98 61.2 0.0 127.8

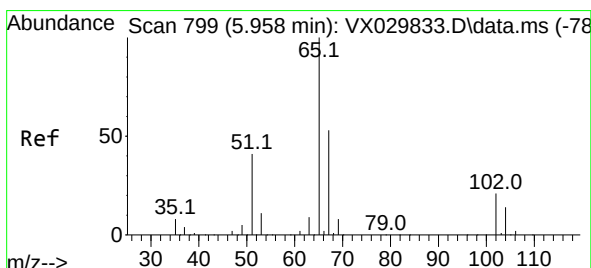
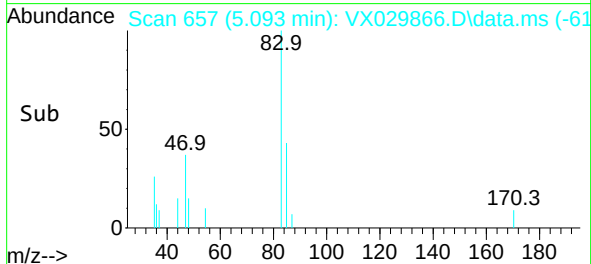
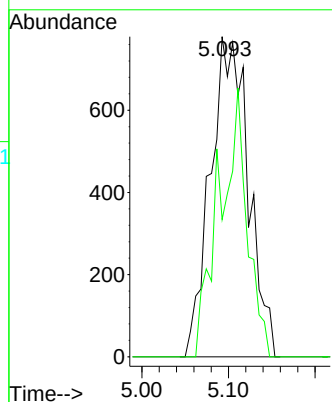
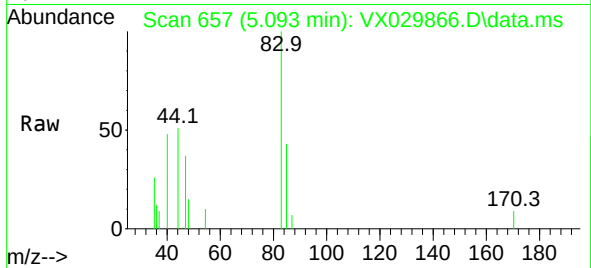




#30
Chloroform
Concen: 0.509 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

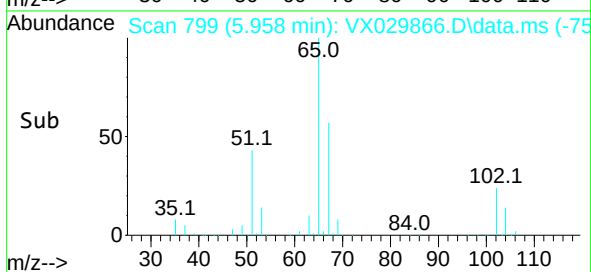
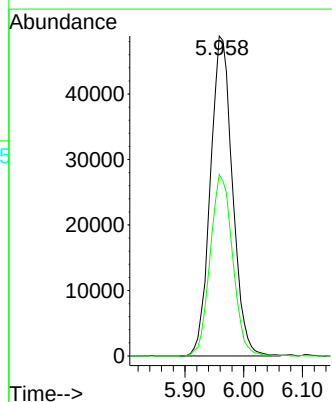
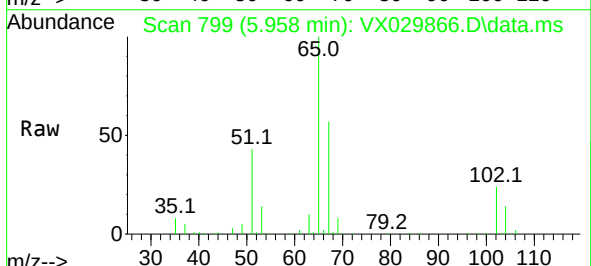
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220623

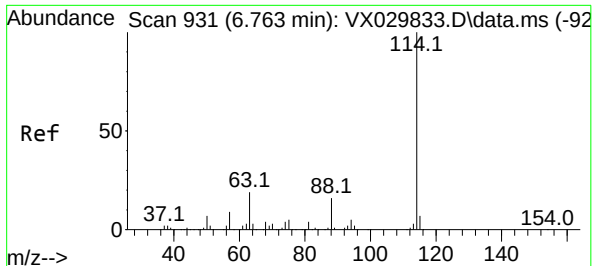
Tgt Ion: 83 Resp: 2367
Ion Ratio Lower Upper
83 100
85 42.9 51.5 77.3#



#33
1,2-Dichloroethane-d4
Concen: 43.025 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

Tgt Ion: 65 Resp: 127599
Ion Ratio Lower Upper
65 100
67 57.5 0.0 109.6

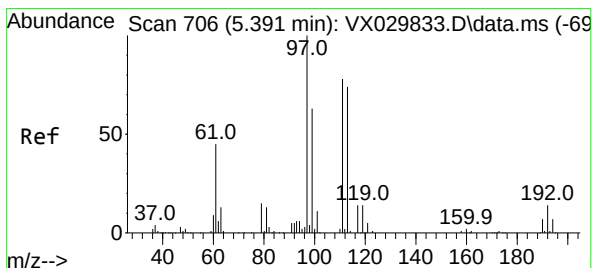
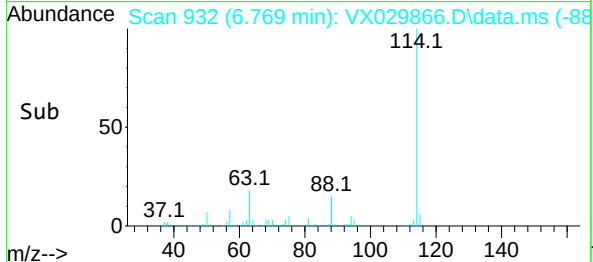
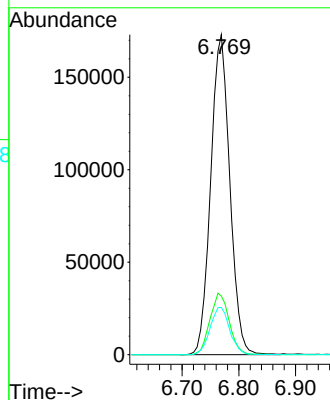
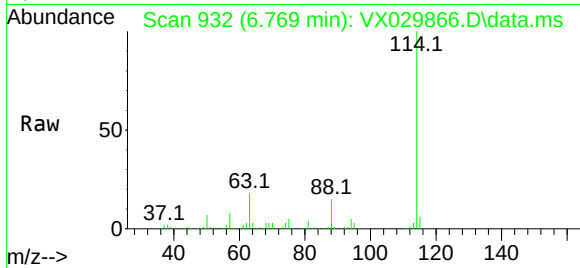




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

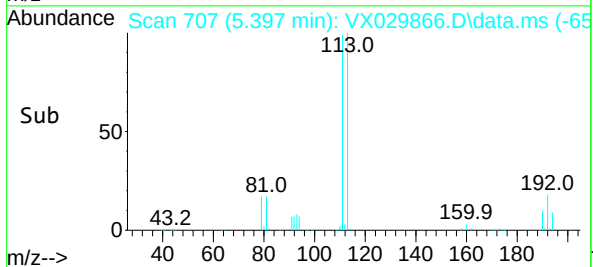
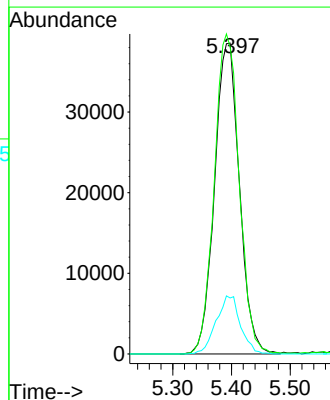
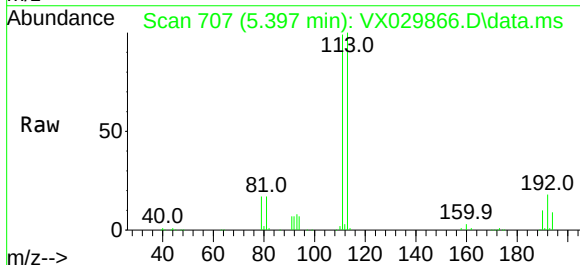
Instrument :
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ClientSampleId :
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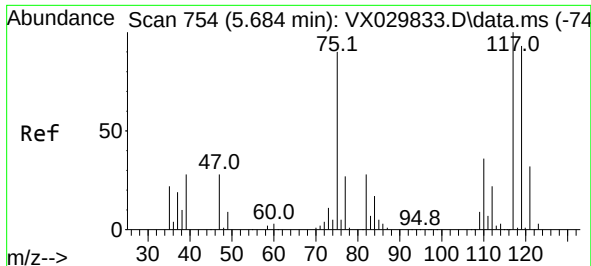
Tgt Ion:114 Resp: 404514
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.830 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

Tgt Ion:113 Resp: 113331
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.2 14.8 22.2

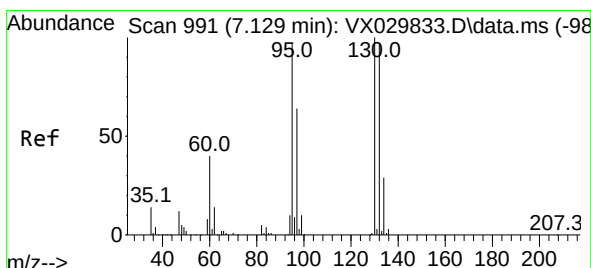
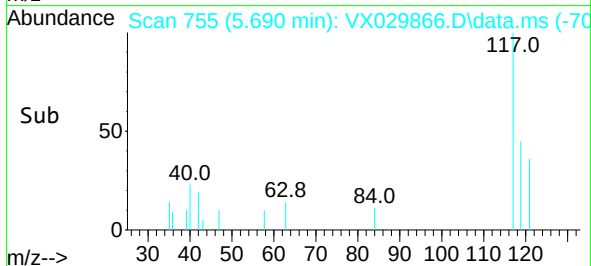
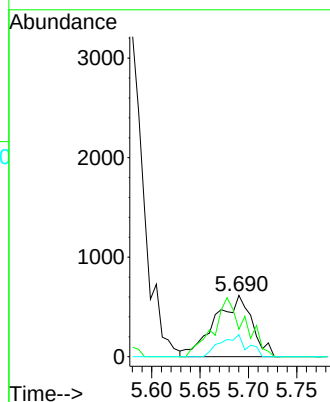
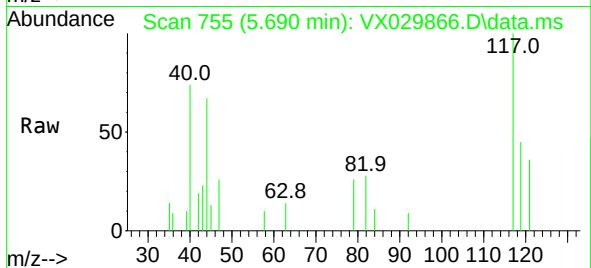




#38
Carbon Tetrachloride
Concen: 0.562 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

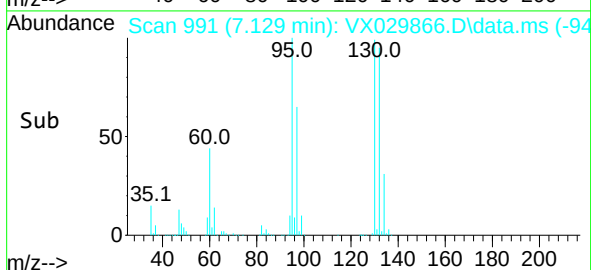
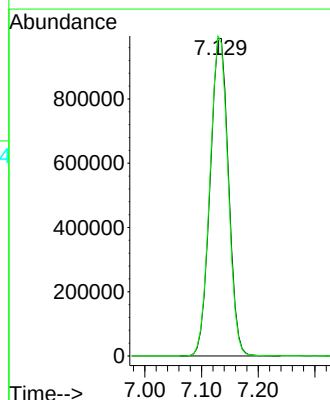
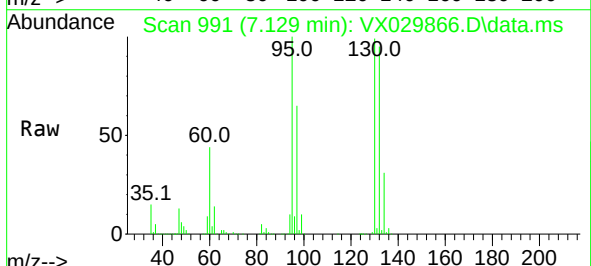
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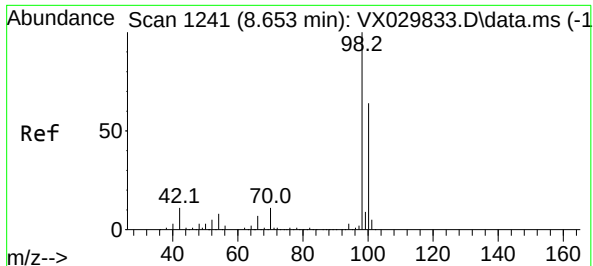
Tgt Ion:117 Resp: 1637
Ion Ratio Lower Upper
117 100
119 44.8 74.1 111.1#
121 36.0 25.8 38.8



#44
Trichloroethene
Concen: 760.253 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

Tgt Ion:130 Resp: 2225976
Ion Ratio Lower Upper
130 100
95 100.7 0.0 194.8

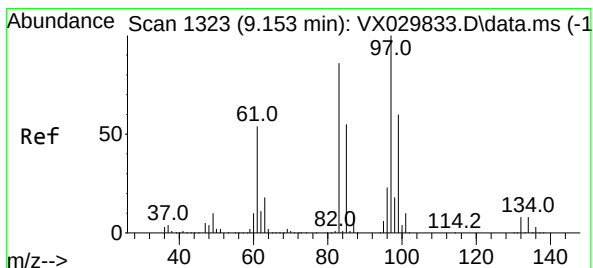
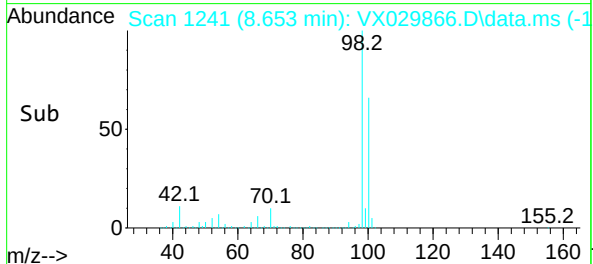
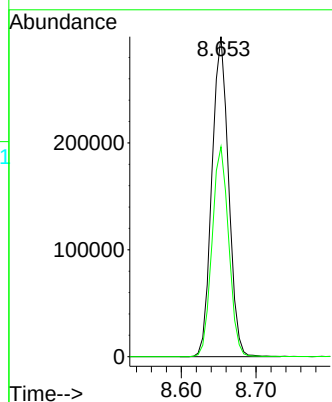
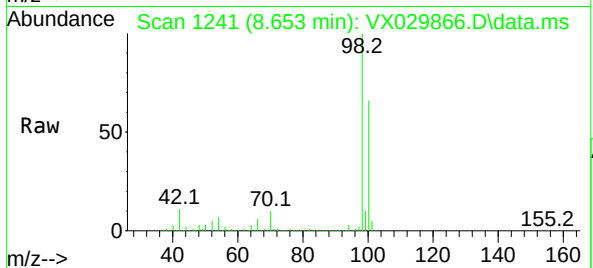




#50
Toluene-d8
Concen: 48.863 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

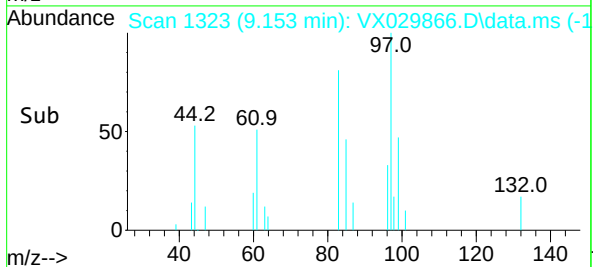
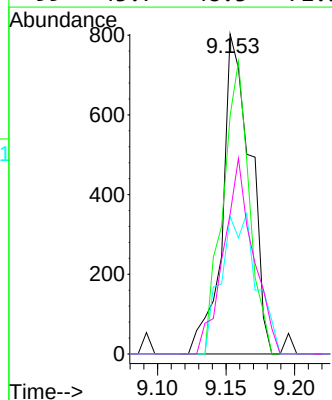
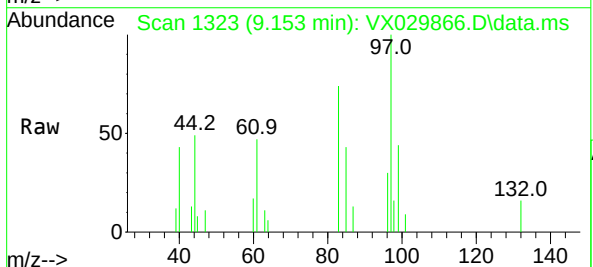
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220623

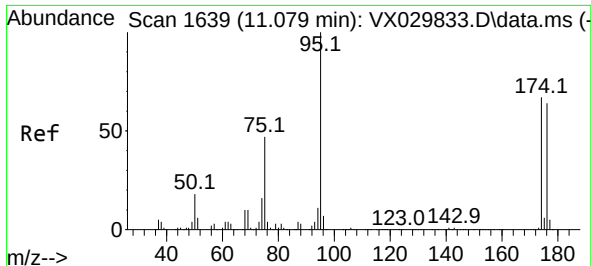
Tgt Ion: 98 Resp: 463404
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 0.401 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

Tgt Ion: 97 Resp: 1147
Ion Ratio Lower Upper
97 100
83 74.5 68.9 103.3
85 43.0 44.0 66.0#
99 43.7 48.3 72.5#





#62

4-Bromofluorobenzene

Concen: 46.742 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029866.D

Acq: 29 Jun 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

RW4-20220623

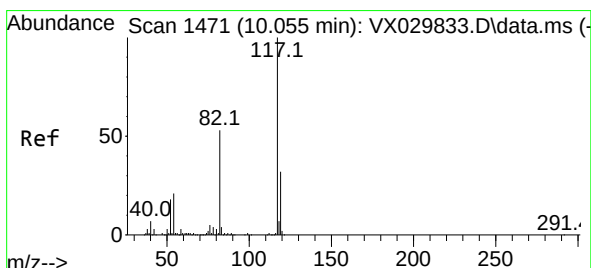
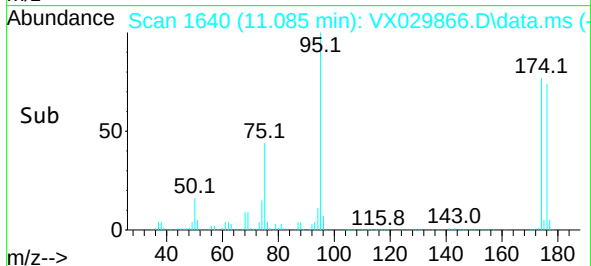
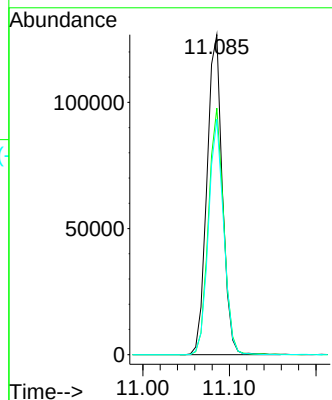
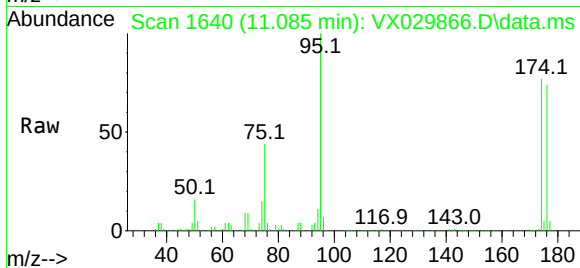
Tgt Ion: 95 Resp: 156696

Ion Ratio Lower Upper

95 100

174 76.4 0.0 149.0

176 72.3 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: VX029866.D

Acq: 29 Jun 2022 16:53

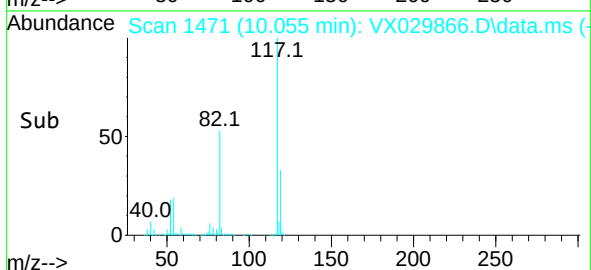
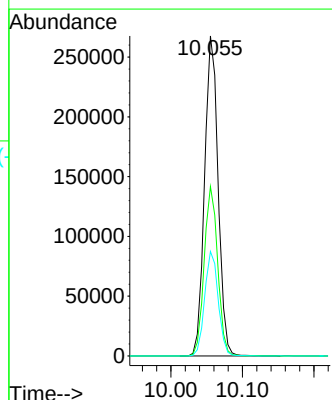
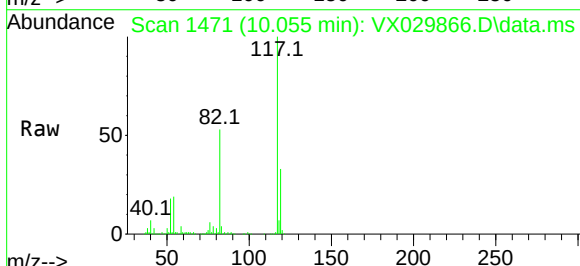
Tgt Ion: 117 Resp: 351765

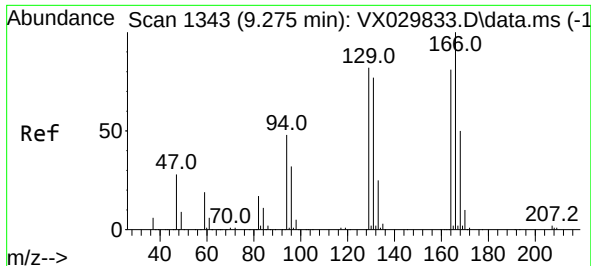
Ion Ratio Lower Upper

117 100

82 52.9 42.7 64.1

119 32.7 25.4 38.2

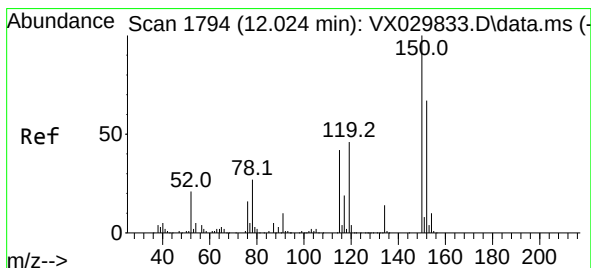
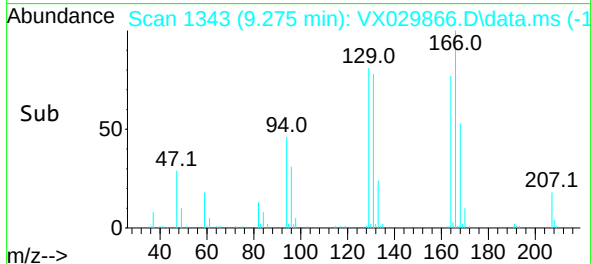
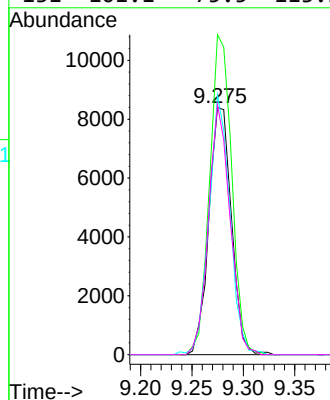
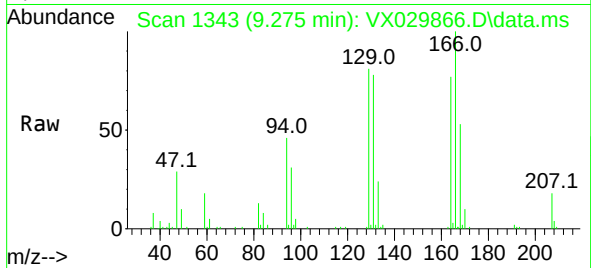




#64
Tetrachloroethene
Concen: 6.036 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029866.D
Acq: 29 Jun 2022 16:53

Instrument :
MSVOA_X
ClientSampleId :
RW4-20220623

Tgt Ion:164	Resp:	12806
Ion Ratio	Lower	Upper
164	100	
166	129.5	98.2 147.4
129	105.1	80.8 121.2
131	101.1	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: VX029866.D
Acq: 29 Jun 2022 16:53

Tgt Ion:152	Resp:	156647
Ion Ratio	Lower	Upper
152	100	
115	59.5	40.5 121.5
150	154.7	0.0 347.0

