

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030942.D
 Acq On : 30 Aug 2022 16:35
 Operator : JC/MD
 Sample : VX0830WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBL01

Quant Time: Sep 06 01:11:45 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)

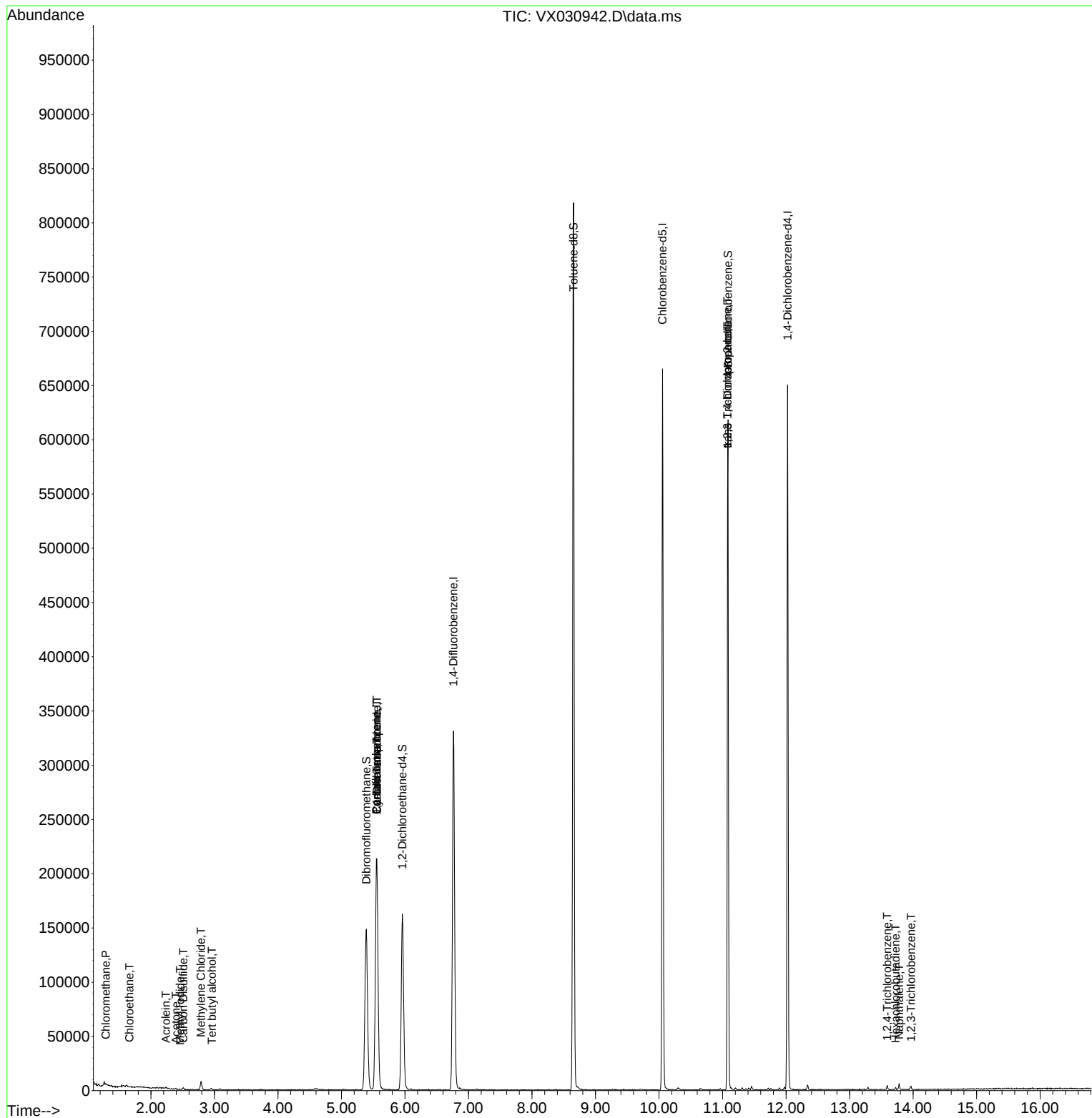
Internal Standards						
1) Pentafluorobenzene	5.550	168	207773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	349101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152775	51.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.540%	
35) Dibromofluoromethane	5.391	113	134299	52.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.380%	
50) Toluene-d8	8.653	98	509591	53.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	11.085	95	166914	49.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	494	0.223	ug/l #	68
5) Bromomethane	1.624	94	744	Below Cal	#	58
6) Chloroethane	1.660	64	439	0.279	ug/l #	41
10) Methyl Iodide	2.459	142	494	4.566	ug/l #	71
11) Tert butyl alcohol	2.959	59	790	1.119	ug/l #	74
13) Acrolein	2.233	56	194	7.799	ug/l #	51
16) Acetone	2.392	43	820	0.610	ug/l #	40
17) Carbon Disulfide	2.508	76	2131	0.320	ug/l #	73
20) Methylene Chloride	2.788	84	3779	1.236	ug/l	98
31) Cyclohexane	5.556	56	3973	0.901	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16577	4.334	ug/l #	48
38) Carbon Tetrachloride	5.556	117	21236	5.832	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	80743	24.747	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	80743	73.578	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	974	0.300	ug/l	85
94) Hexachlorobutadiene	13.725	225	499	0.362	ug/l	71
95) Naphthalene	13.780	128	3287	0.283	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	1155	0.352	ug/l	98

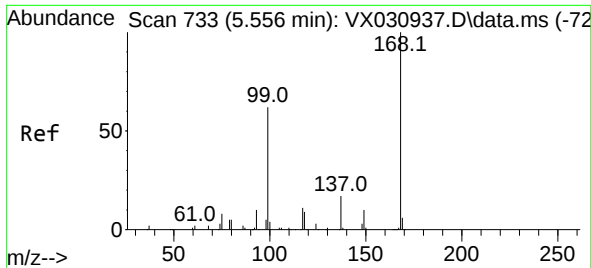
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

Quant Time: Sep 06 01:11:45 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

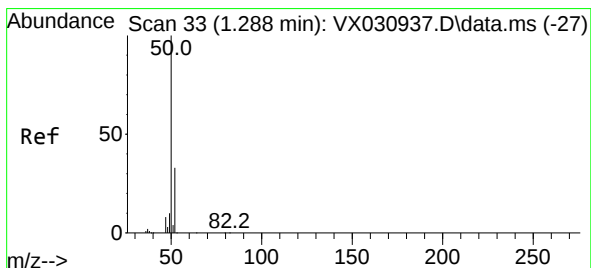
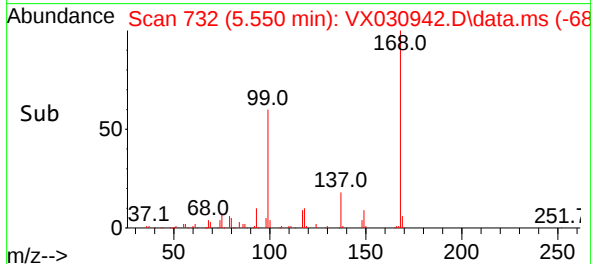
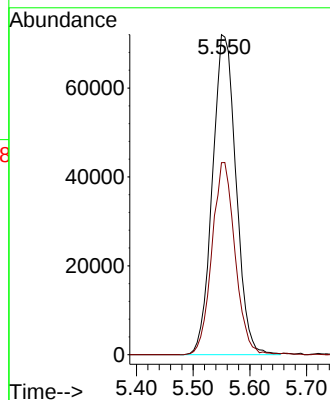
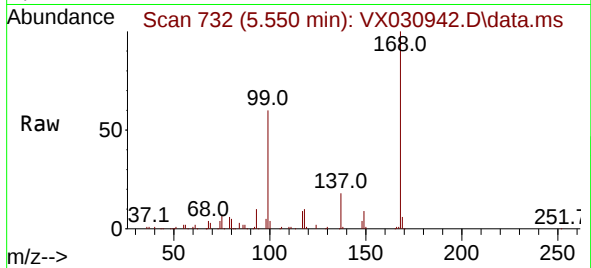




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

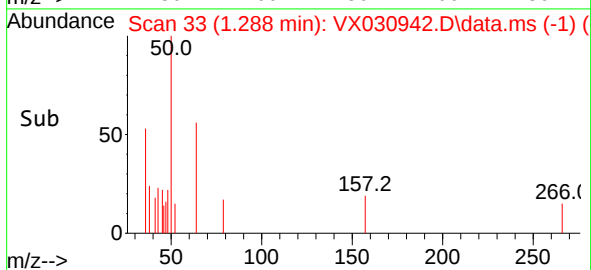
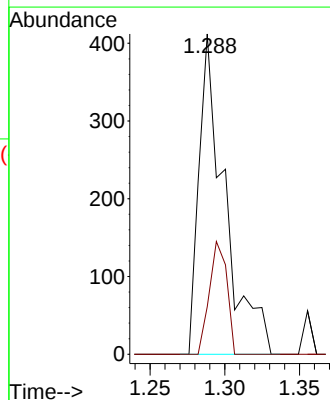
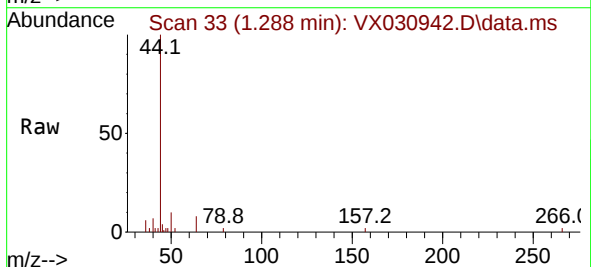
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

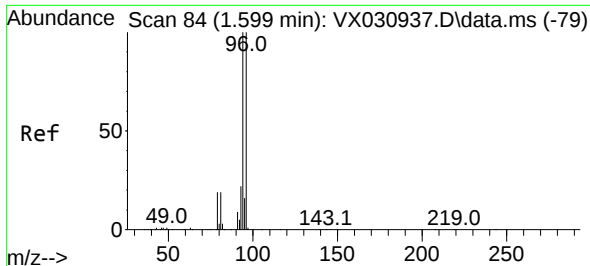
Tgt Ion:168 Resp: 207773
Ion Ratio Lower Upper
168 100
99 60.0 44.0 66.0



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 50 Resp: 494
Ion Ratio Lower Upper
50 100
52 14.8 26.3 39.5

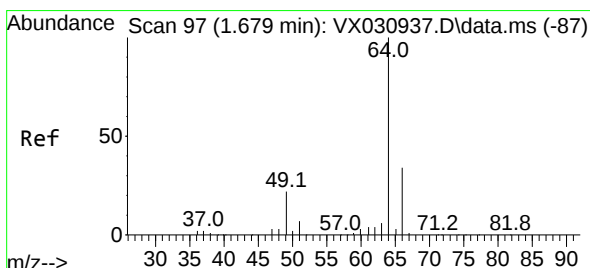
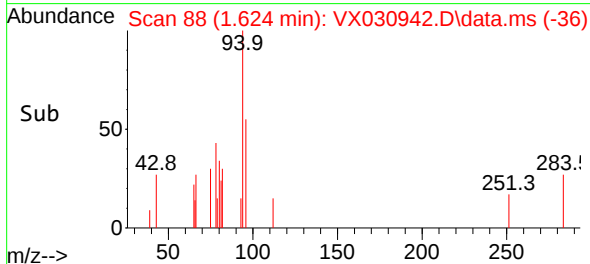
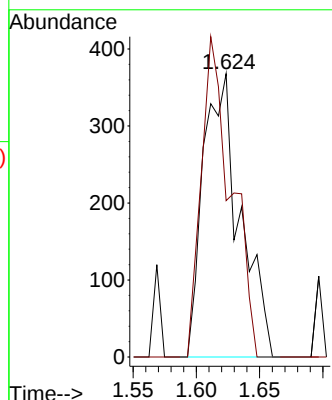
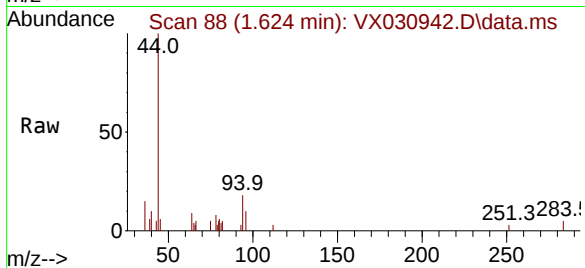




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

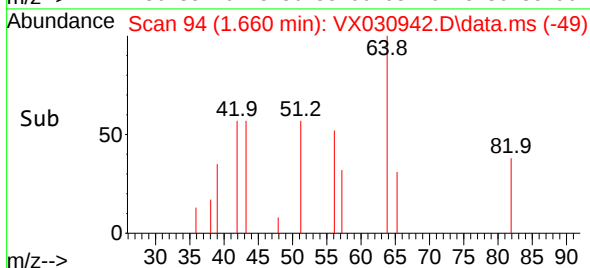
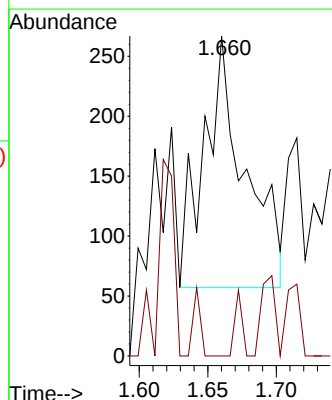
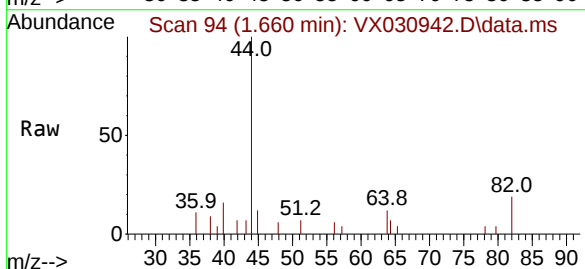
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

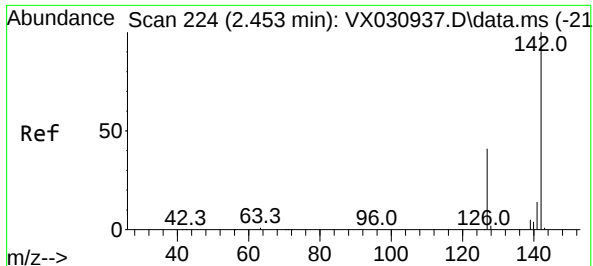
Tgt Ion: 94 Resp: 744
Ion Ratio Lower Upper
94 100
96 55.2 76.9 115.3#



#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 64 Resp: 439
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

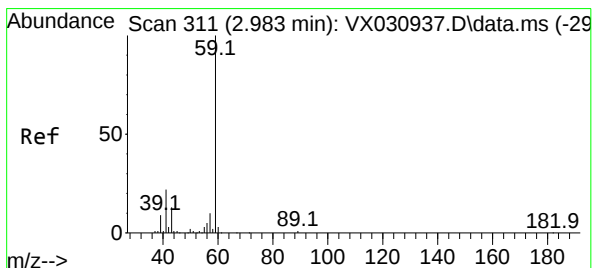
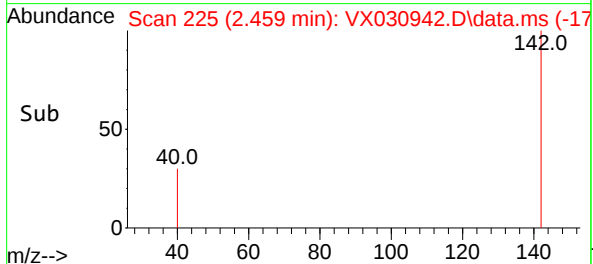
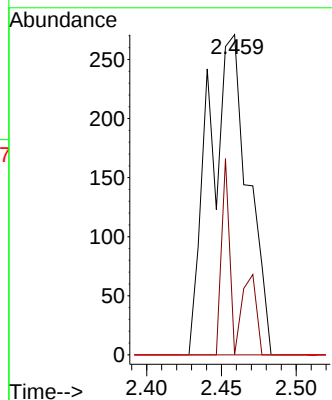
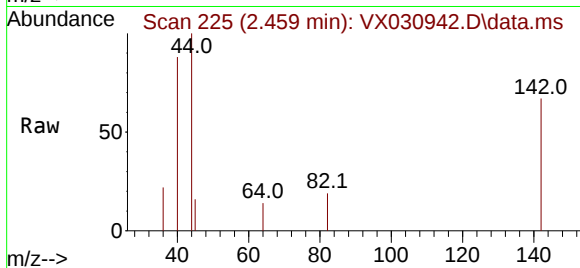




#10
Methyl Iodide
Concen: 4.566 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

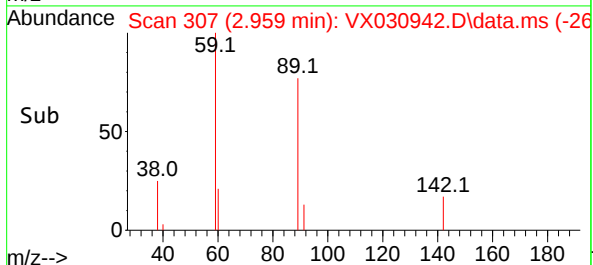
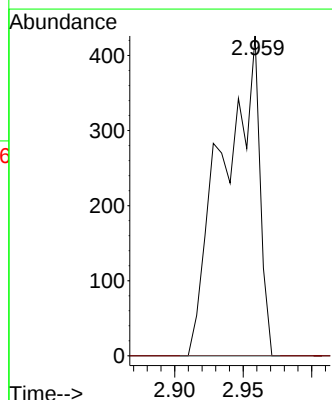
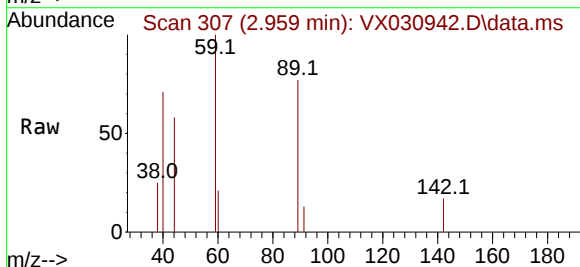
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

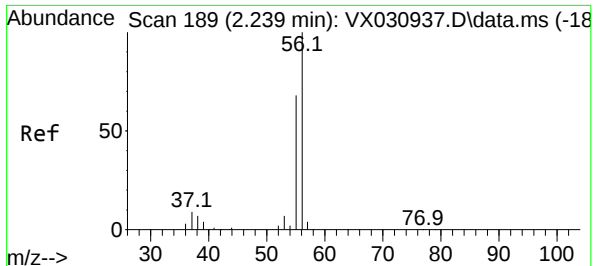
Tgt Ion:142 Resp: 494
Ion Ratio Lower Upper
142 100
127 21.5 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.119 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 59 Resp: 790
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

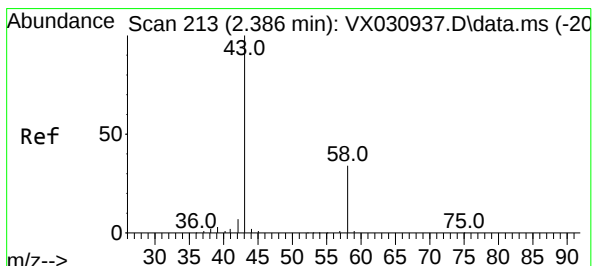
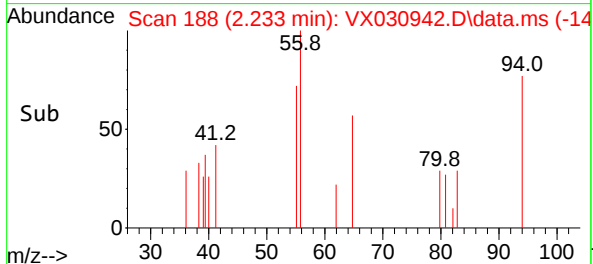
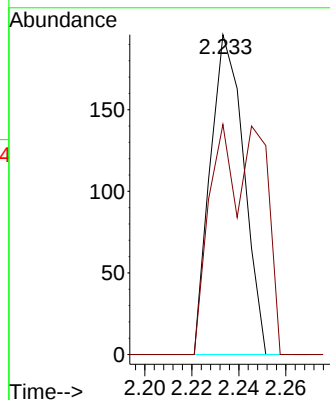
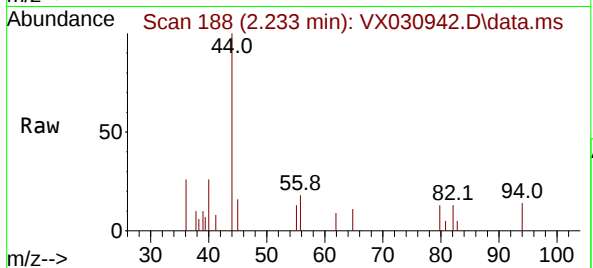




#13
Acrolein
Concen: 7.799 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

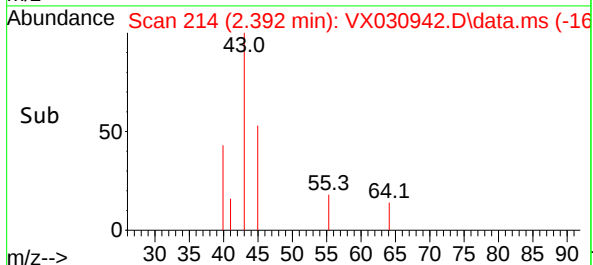
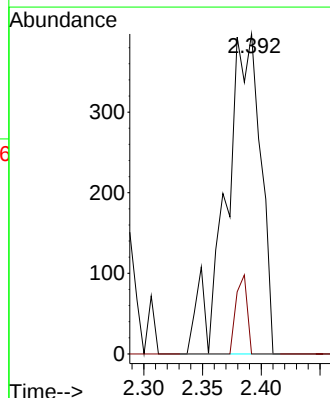
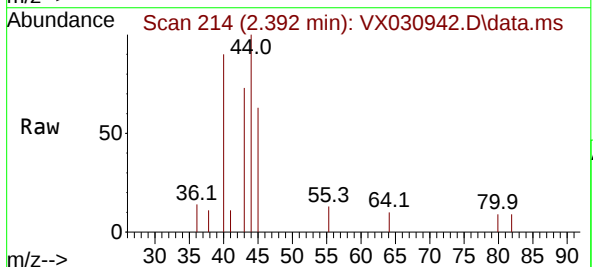
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

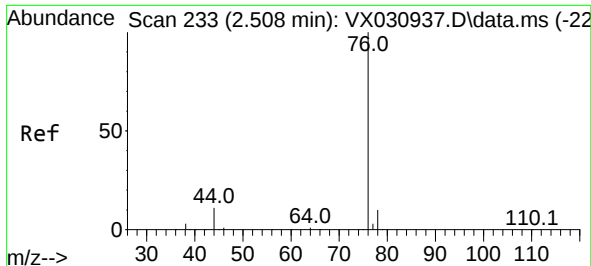
Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 110.8 56.6 84.8#



#16
Acetone
Concen: 0.610 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#

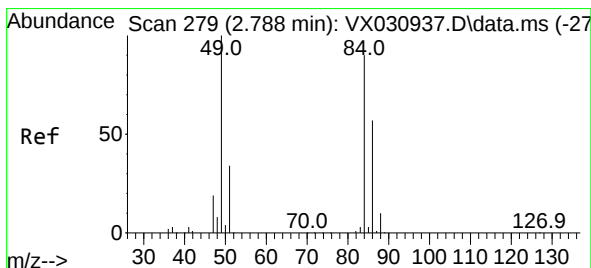
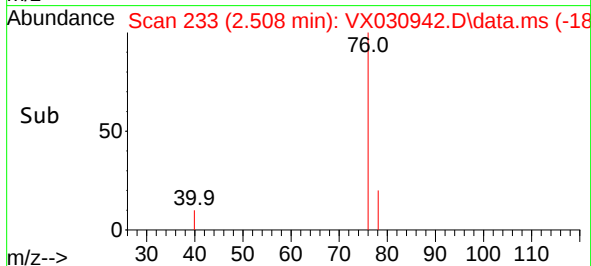
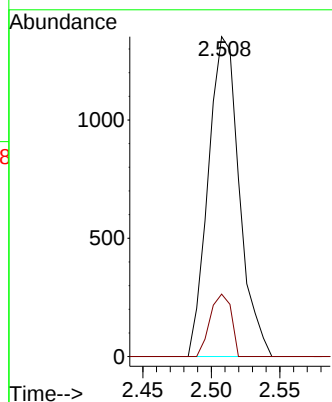
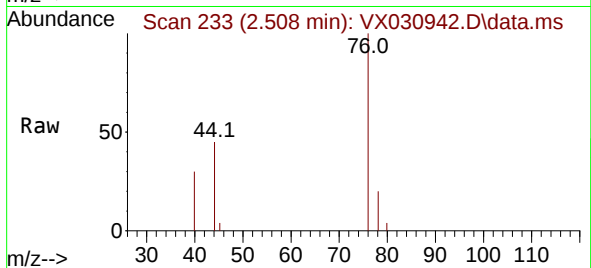




#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

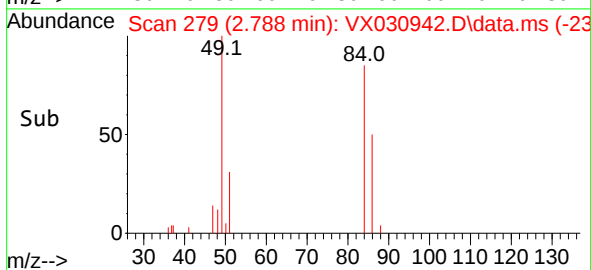
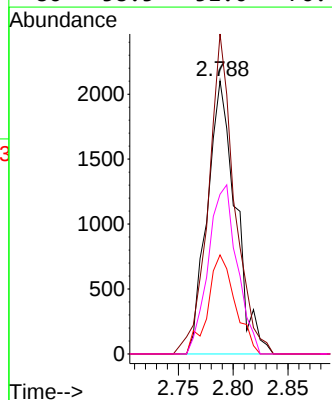
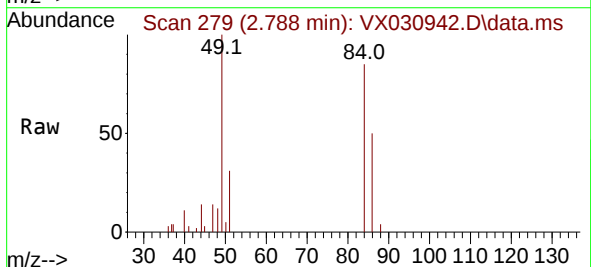
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

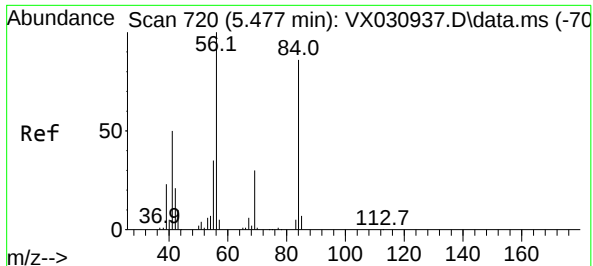
Tgt Ion: 76 Resp: 2131
Ion Ratio Lower Upper
76 100
78 19.5 7.8 11.6#



#20
Methylene Chloride
Concen: 1.236 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 84 Resp: 3779
Ion Ratio Lower Upper
84 100
49 117.2 93.8 140.6
51 36.3 29.4 44.0
86 58.5 51.0 76.4

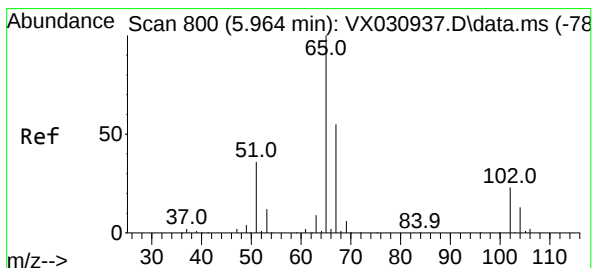
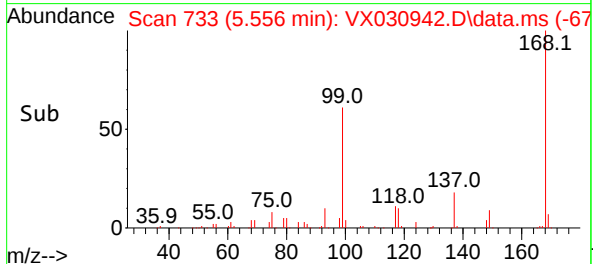
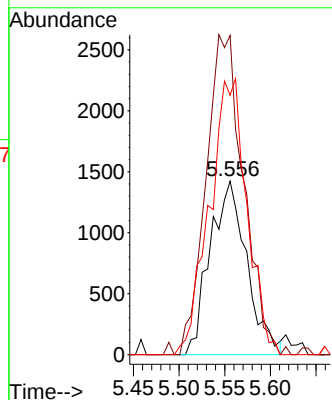
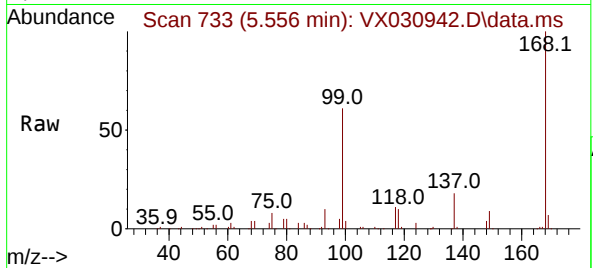




#31
Cyclohexane
Concen: 0.901 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

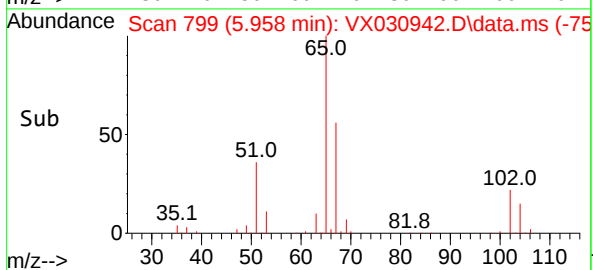
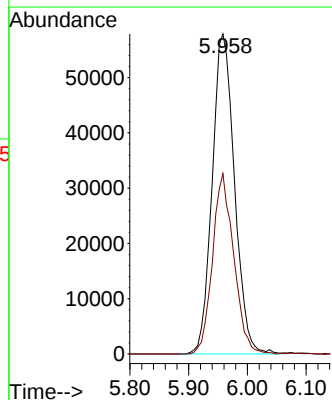
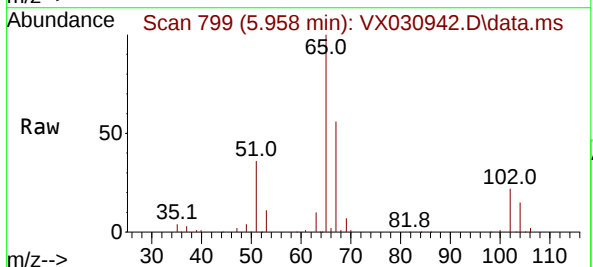
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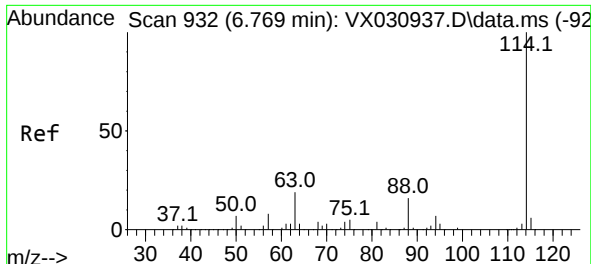
Tgt Ion: 56 Resp: 3973
Ion Ratio Lower Upper
56 100
69 184.0 25.4 38.0#
84 149.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.266 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 65 Resp: 152775
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

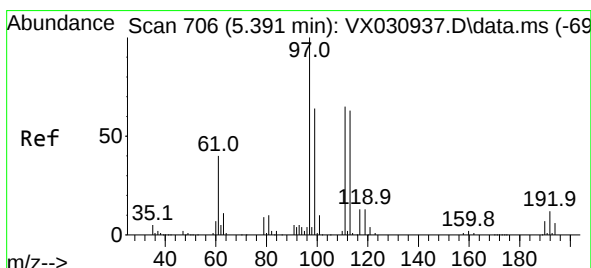
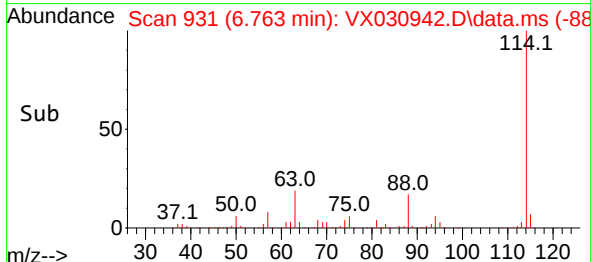
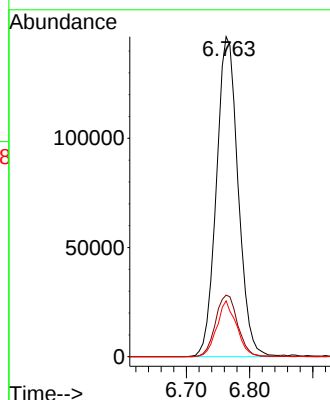
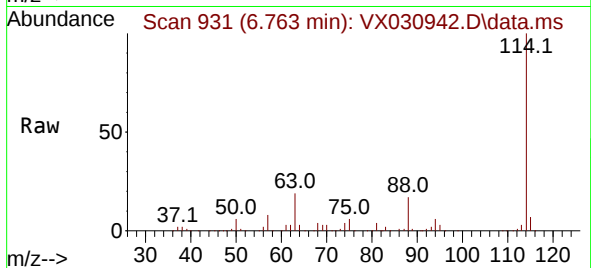




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

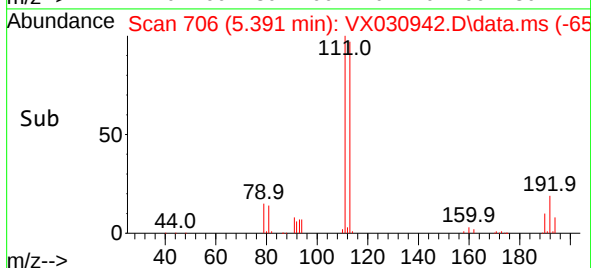
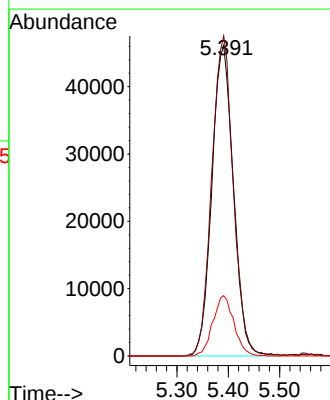
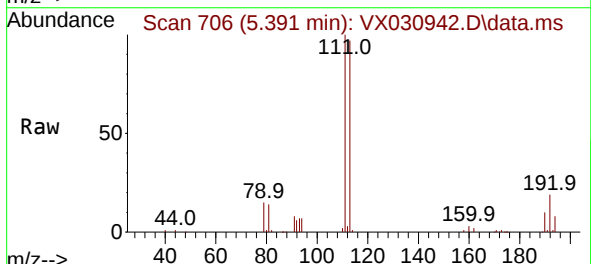
Instrument :
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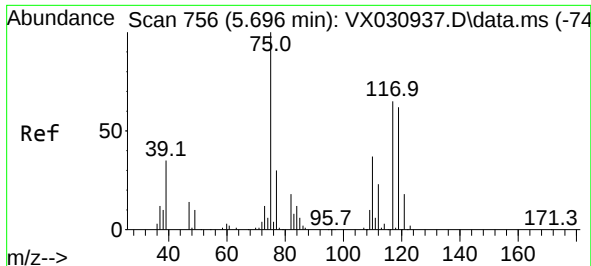
Tgt Ion:114 Resp: 349101
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 17.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.188 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion:113 Resp: 134299
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 19.0 14.8 22.2

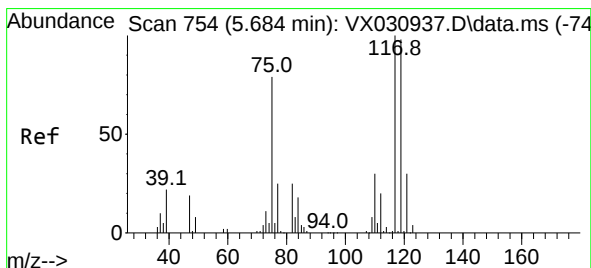
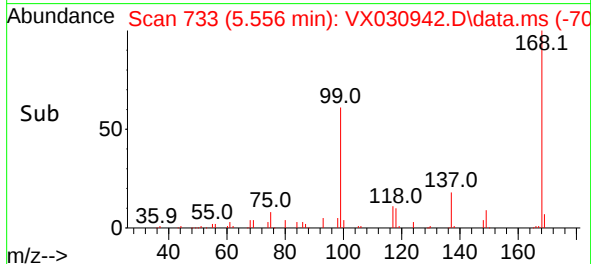
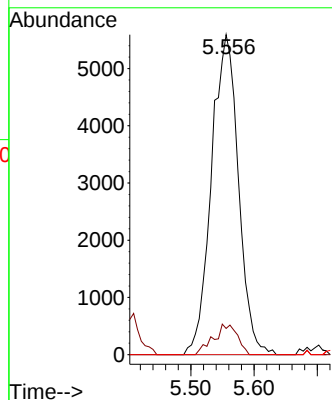
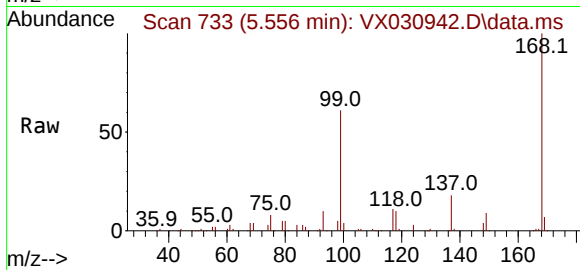




#36
 1,1-Dichloropropene
 Concen: 4.334 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX030942.D
 Acq: 30 Aug 2022 16:35

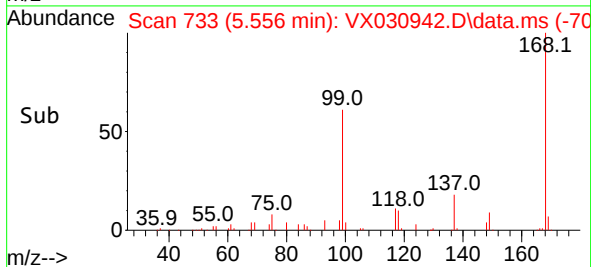
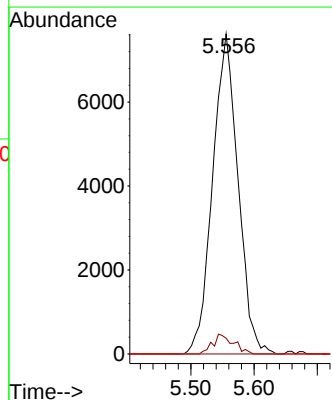
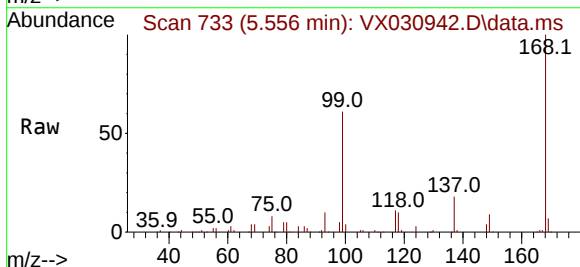
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBL01

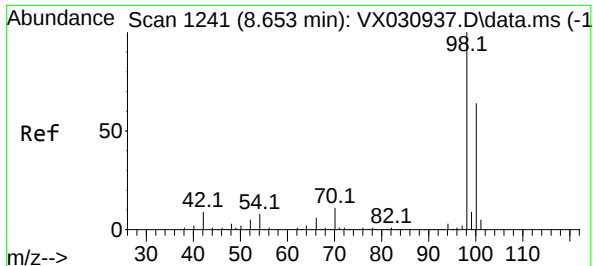
Tgt Ion: 75 Resp: 16577
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.832 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX030942.D
 Acq: 30 Aug 2022 16:35

Tgt Ion: 117 Resp: 21236
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.1 111.1#
 121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 53.471 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030942.D

Acq: 30 Aug 2022 16:35

Instrument :

MSVOA_X

ClientSampleId :

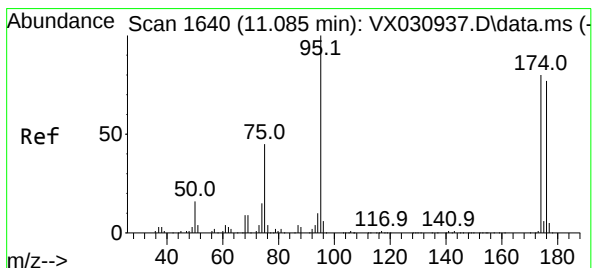
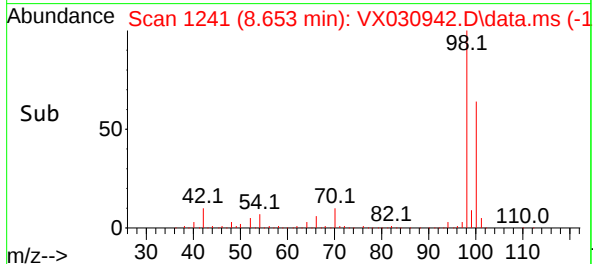
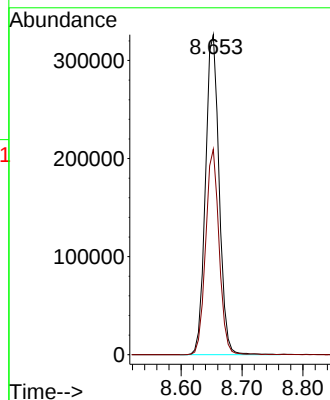
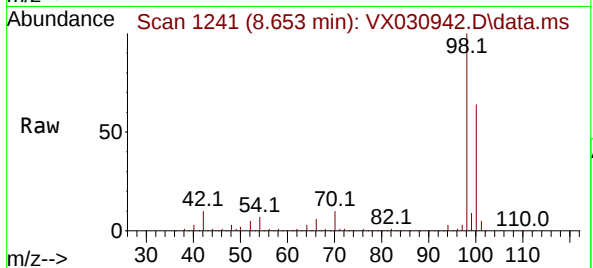
VX0830WBL01

Tgt Ion: 98 Resp: 509591

Ion Ratio Lower Upper

98 100

100 63.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.183 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030942.D

Acq: 30 Aug 2022 16:35

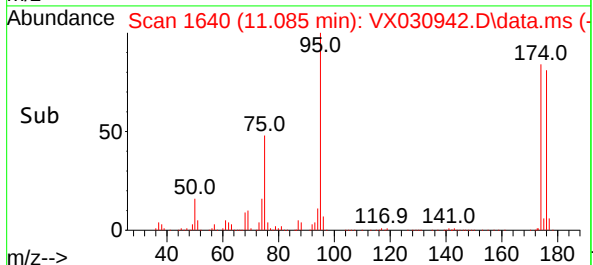
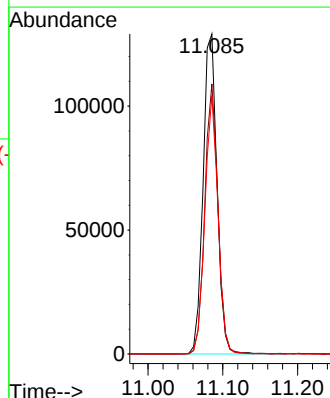
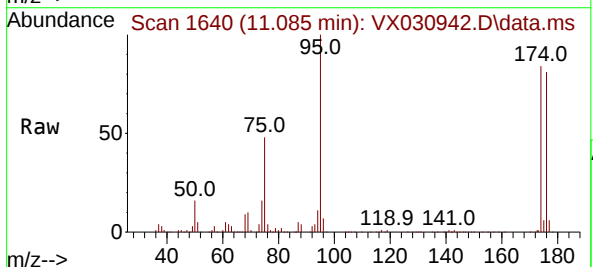
Tgt Ion: 95 Resp: 166914

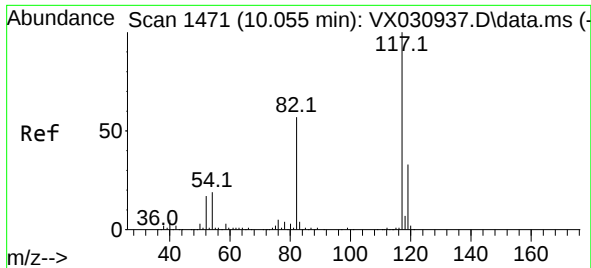
Ion Ratio Lower Upper

95 100

174 80.1 0.0 149.0

176 76.4 0.0 146.0

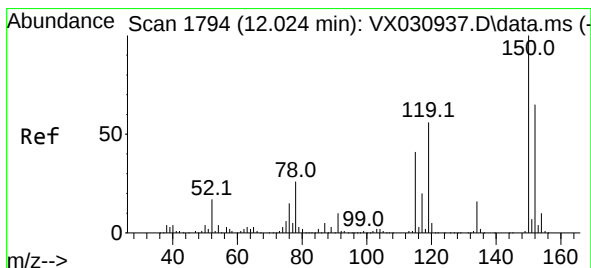
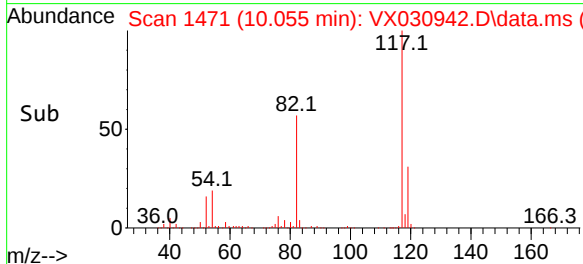
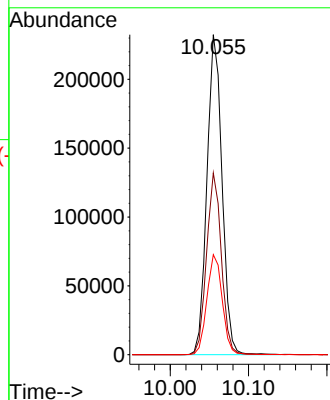
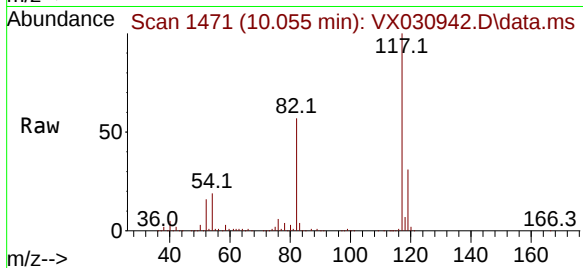




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

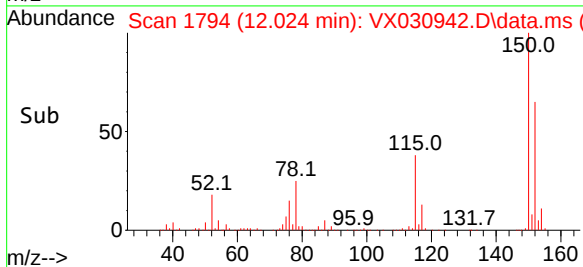
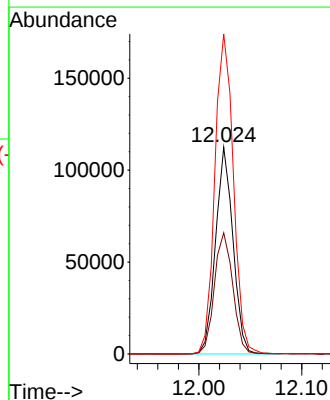
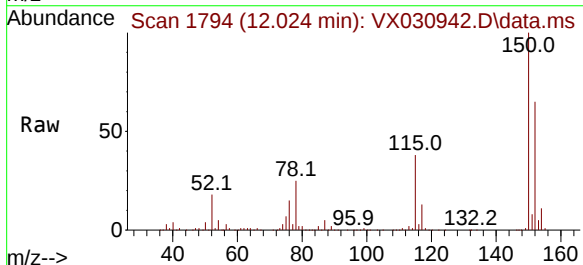
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

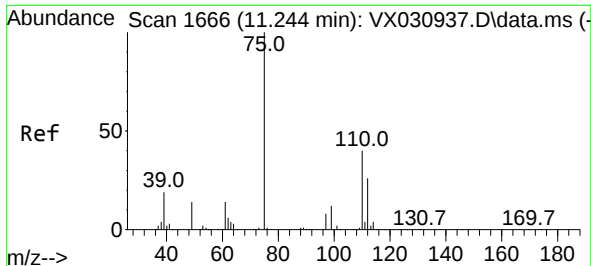
Tgt Ion:117 Resp: 309960
Ion Ratio Lower Upper
117 100
82 56.8 42.7 64.1
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion:152 Resp: 132528
Ion Ratio Lower Upper
152 100
115 62.1 40.5 121.5
150 164.4 0.0 347.0

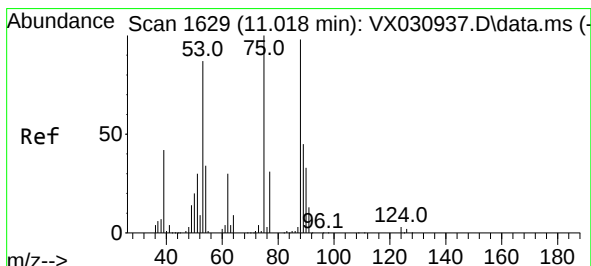
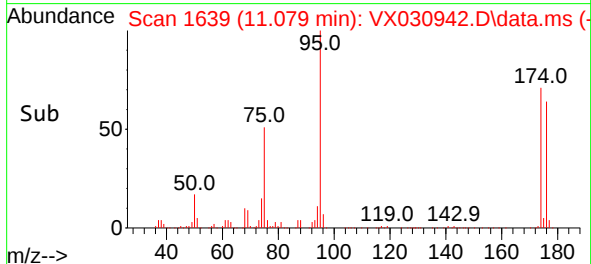
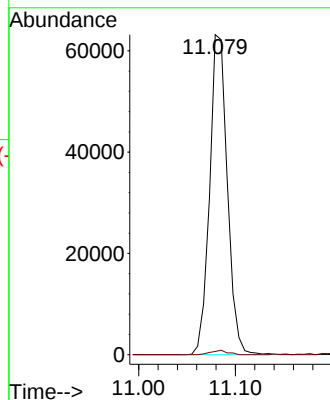
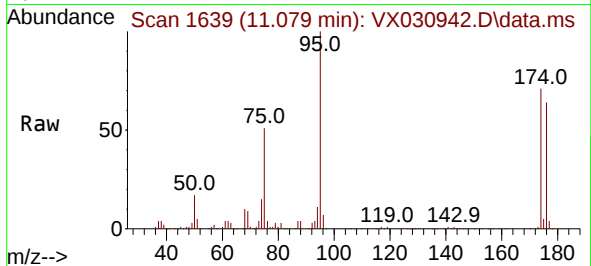




#76
1,2,3-Trichloropropane
Concen: 24.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

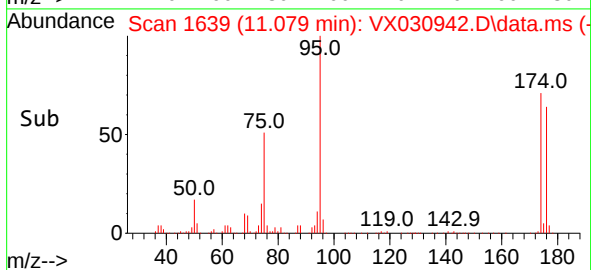
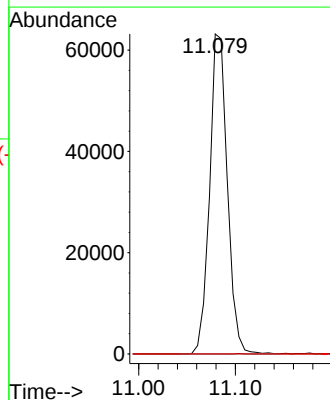
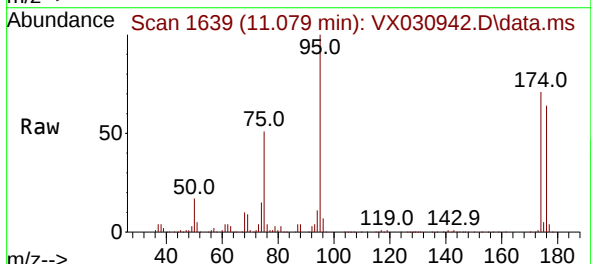
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

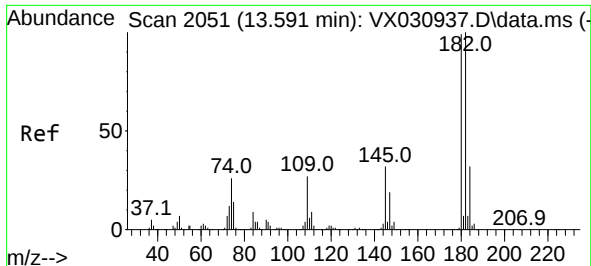
Tgt Ion: 75 Resp: 80743
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 75 Resp: 80743
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

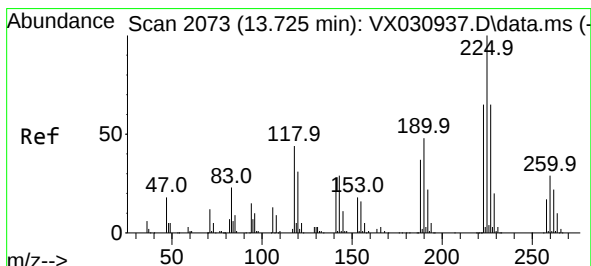
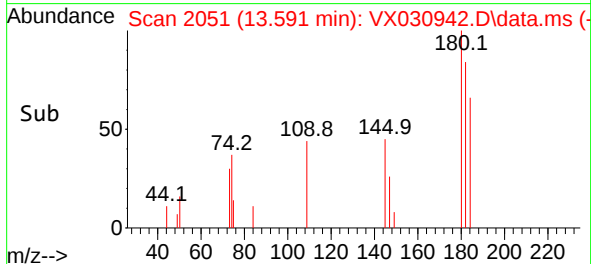
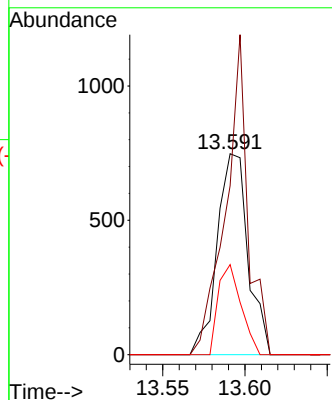
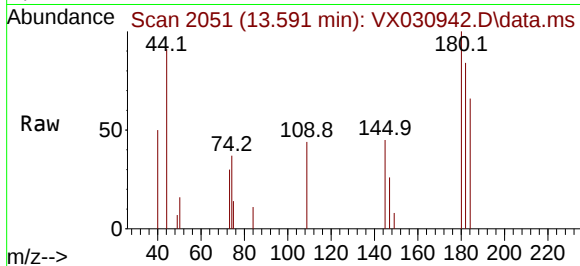




#93
1,2,4-Trichlorobenzene
Concen: 0.300 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

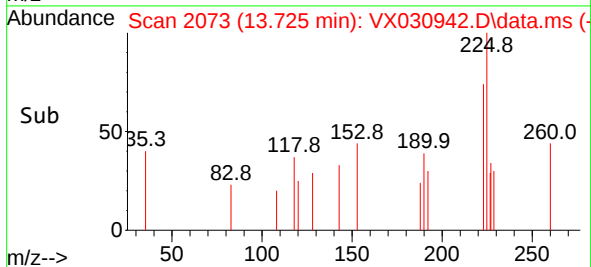
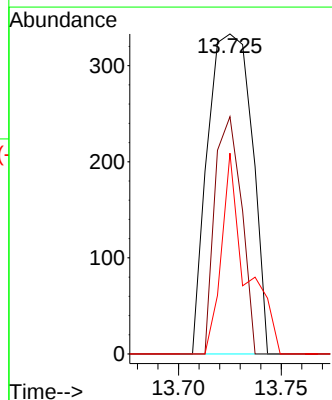
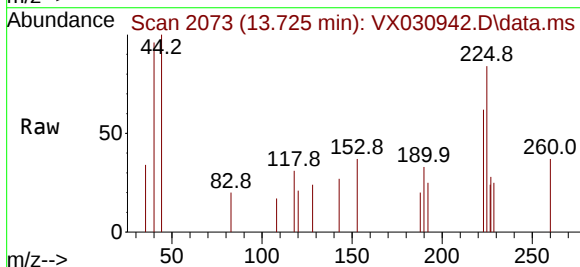
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

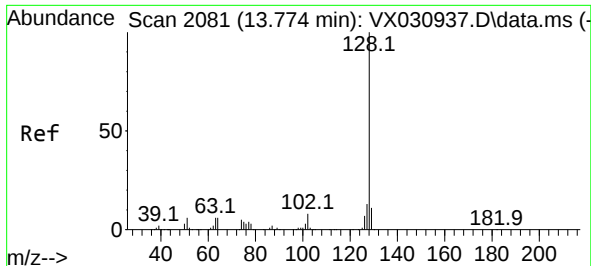
Tgt Ion:180	Resp:	974
Ion	Ratio	Lower Upper
180	100	
182	115.2	48.2 144.6
145	33.3	15.9 47.6



#94
Hexachlorobutadiene
Concen: 0.362 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion:225	Resp:	499
Ion	Ratio	Lower Upper
225	100	
223	44.5	30.6 91.6
227	35.1	31.9 95.9

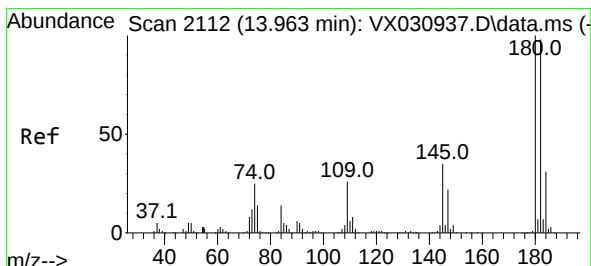
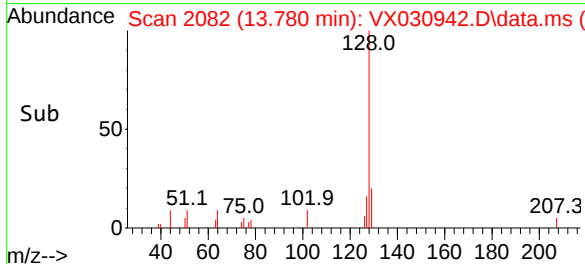
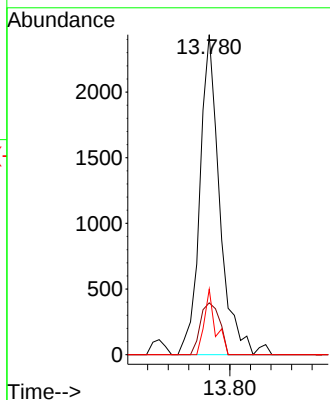
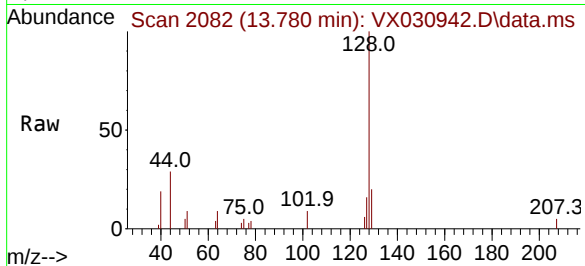




#95
Naphthalene
Concen: 0.283 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

Tgt Ion:128 Resp: 3287
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.2#
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.352 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX030942.D
Acq: 30 Aug 2022 16:35

Tgt Ion:180 Resp: 1155
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.0
145 33.5 17.0 50.9

