

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050900.D
 Acq On : 22 Sep 2022 16:03
 Operator : JC/MD
 Sample : N4650-20DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ37DL

Quant Time: Sep 23 01:11:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

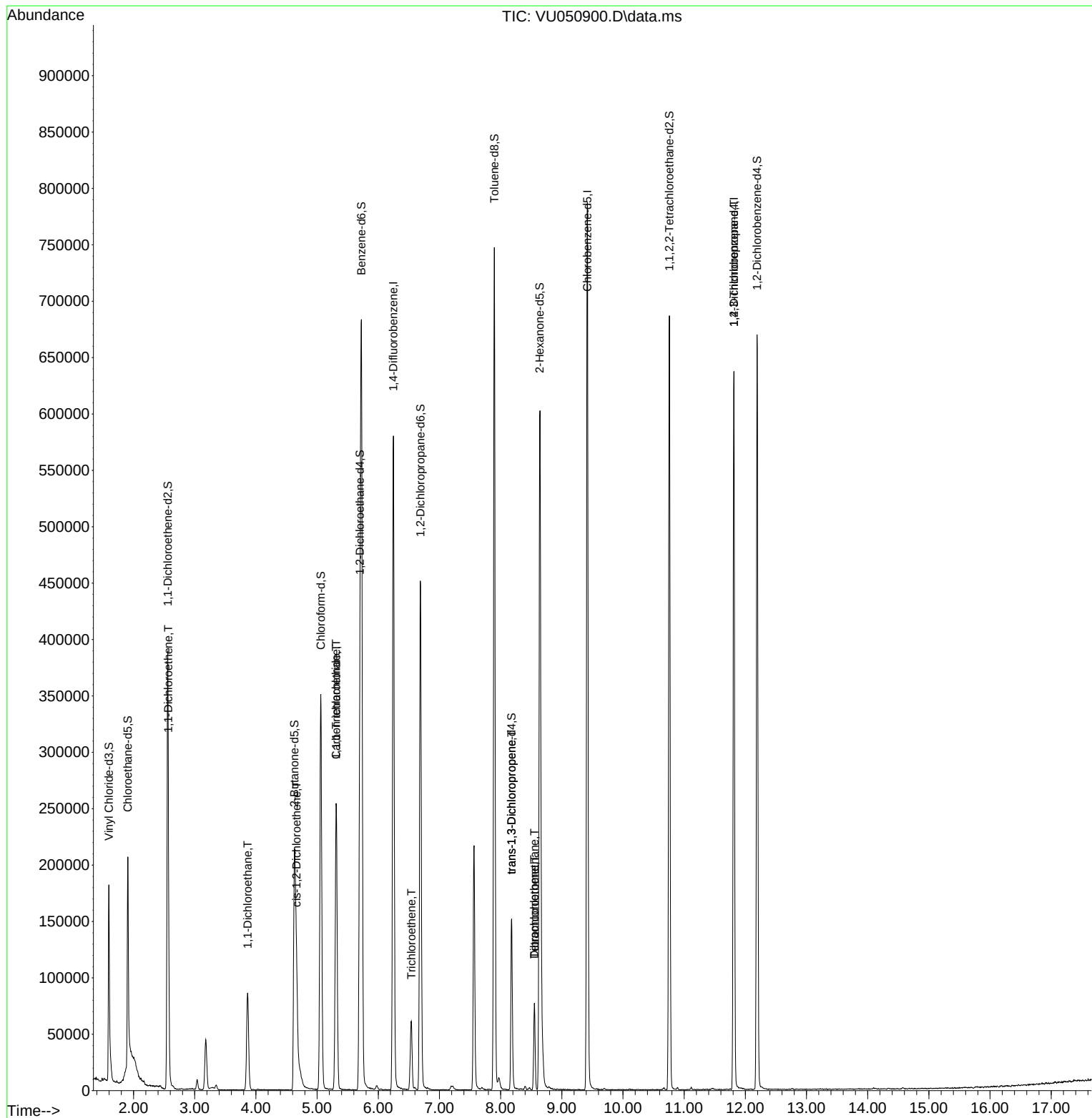
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	451758	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	438027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	166661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	157672	33.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.380%		
7) Chloroethane-d5	1.906	69	140246	42.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.140%		
11) 1,1-Dichloroethene-d2	2.559	63	222769	30.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.180%		
21) 2-Butanone-d5	4.630	46	346747	114.751	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.750%		
24) Chloroform-d	5.060	84	324417	44.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.460%		
26) 1,2-Dichloroethane-d4	5.700	65	213972	47.335	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.680%		
32) Benzene-d6	5.723	84	621643	43.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.180%		
36) 1,2-Dichloropropane-d6	6.687	67	223958	45.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.980%		
41) Toluene-d8	7.896	98	493913	39.163	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.320%#		
43) trans-1,3-Dichloroprop...	8.179	79	87835	41.459	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.920%		
47) 2-Hexanone-d5	8.639	63	213537	106.400	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.400%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	355383	47.864	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.720%		
66) 1,2-Dichlorobenzene-d4	12.192	152	174840	50.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.220%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.569	96	27755	7.992	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	100561	13.981	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	27700	7.018	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	183760	31.534	ug/L	99
31) Carbon tetrachloride	5.311	117	23872	4.931	ug/L	99
34) Trichloroethene	6.543	95	17619	4.705	ug/L	97
44) trans-1,3-Dichloropropene	8.179	75	3910	0.696	ug/L	96
46) Tetrachloroethene	8.552	164	16778	6.235	ug/L	96
49) Dibromochloromethane	8.552	129	16622	4.170	ug/L #	10
60) 1,2,3-Trichloropropane	11.813	75	21189	4.520	ug/L #	70

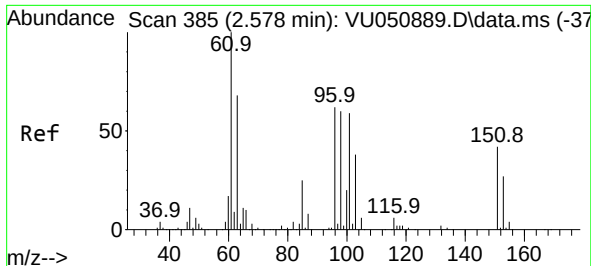
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 23 01:08:30 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.992 ug/L

RT: 2.569 min Scan# 382

Delta R.T. -0.009 min

Lab File: VU050900.D

Acq: 22 Sep 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

EXZ37DL

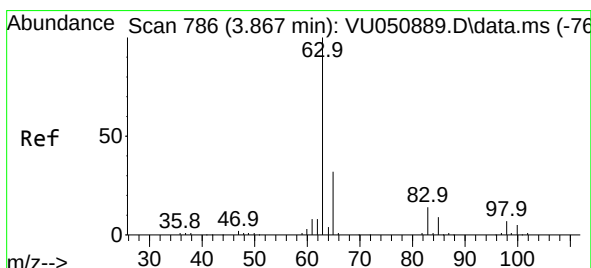
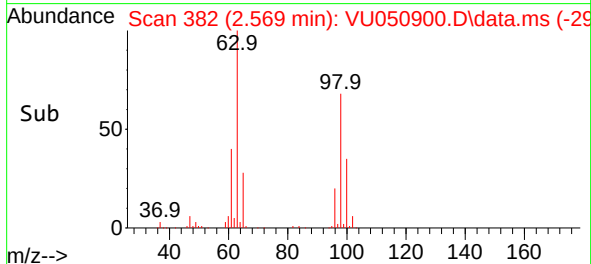
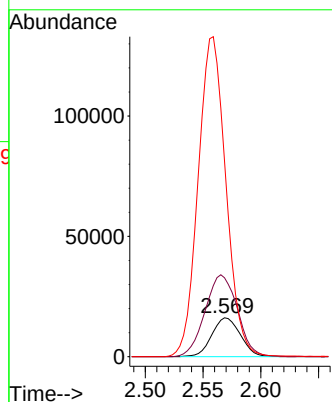
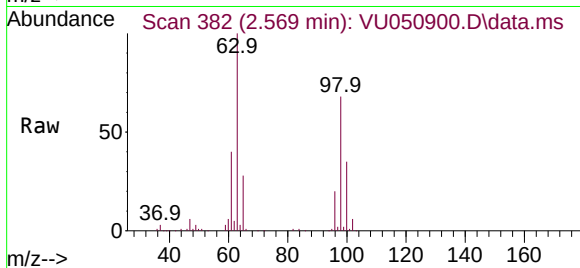
Tgt Ion: 96 Resp: 27755

Ion Ratio Lower Upper

96 100

61 202.8 118.6 220.2

63 502.8 90.4 168.0



#19

1,1-Dichloroethane

Concen: 13.981 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU050900.D

Acq: 22 Sep 2022 16:03

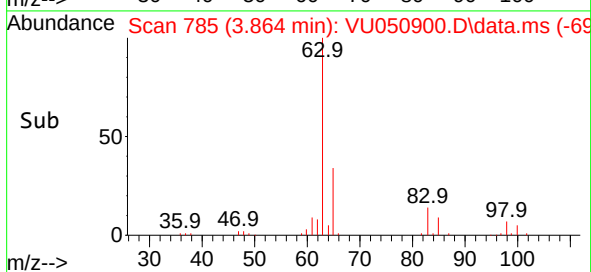
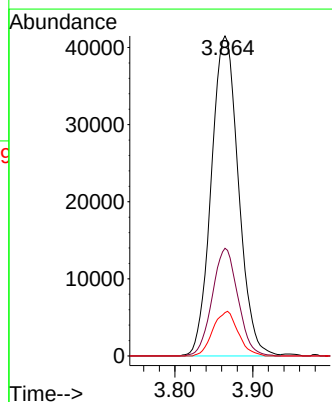
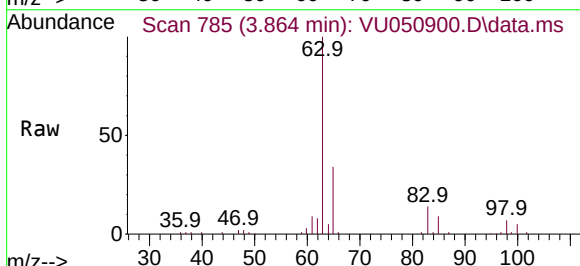
Tgt Ion: 63 Resp: 100561

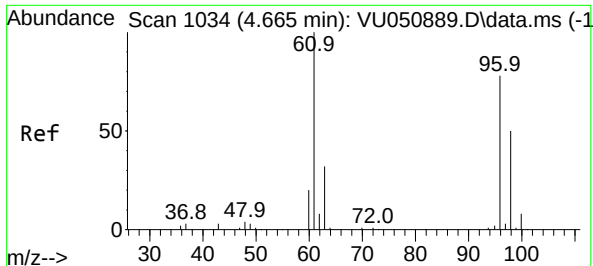
Ion Ratio Lower Upper

63 100

65 33.6 21.5 39.9

83 13.5 9.3 17.3

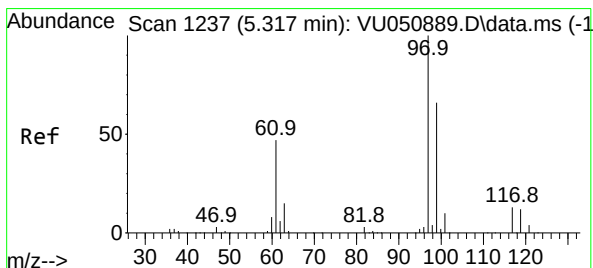
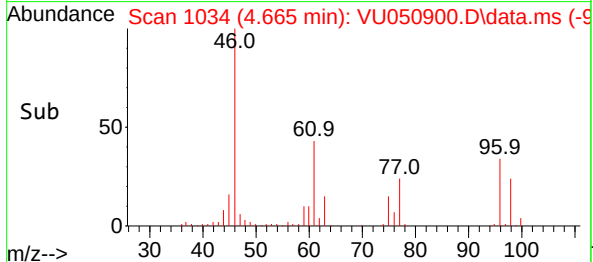
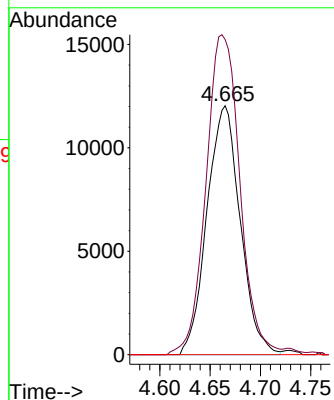
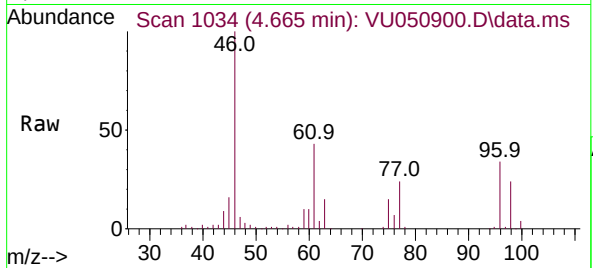




#20
 cis-1,2-Dichloroethene
 Concen: 7.018 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU050900.D
 Acq: 22 Sep 2022 16:03

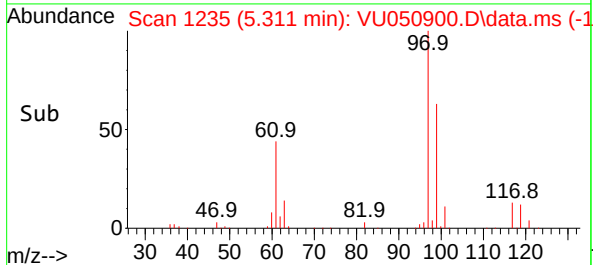
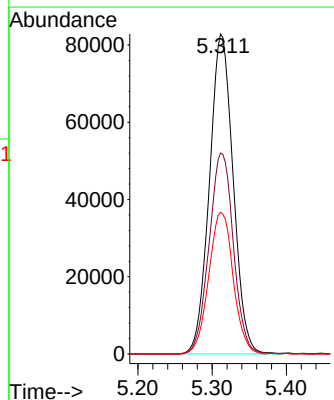
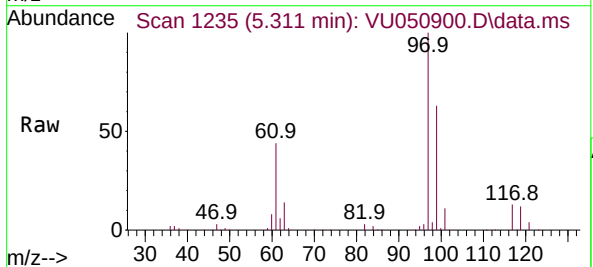
Instrument :
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 EXZ37DL

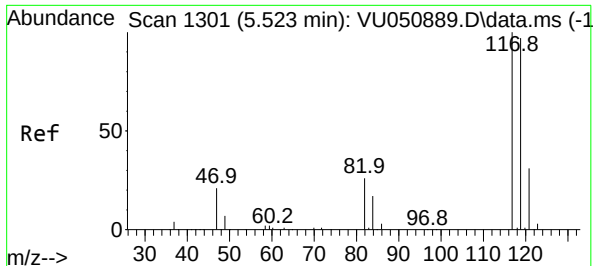
Tgt Ion: 96 Resp: 27700
 Ion Ratio Lower Upper
 96 100
 61 126.5 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 31.534 ug/L
 RT: 5.311 min Scan# 1235
 Delta R.T. -0.006 min
 Lab File: VU050900.D
 Acq: 22 Sep 2022 16:03

Tgt Ion: 97 Resp: 183760
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.2 78.2
 61 45.7 37.1 55.7

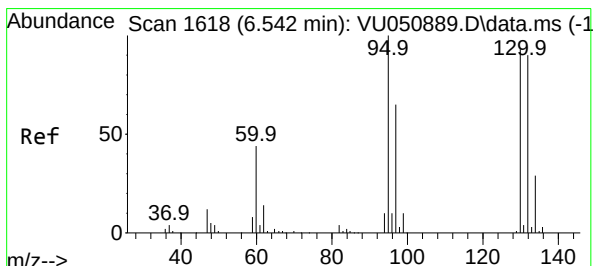
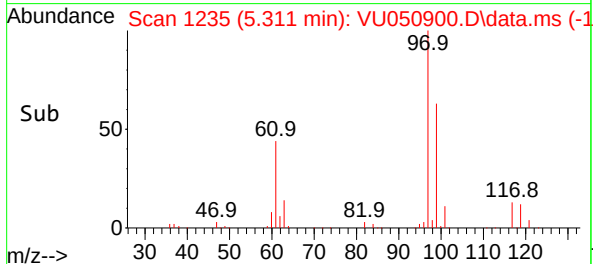
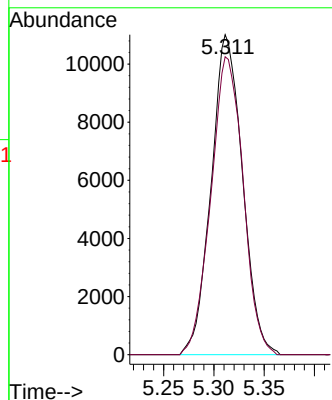
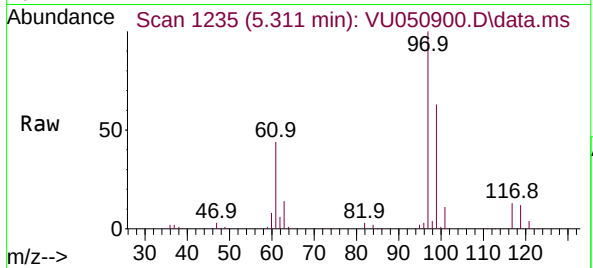




#31
Carbon tetrachloride
Concen: 4.931 ug/L
RT: 5.311 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU050900.D
Acq: 22 Sep 2022 16:03

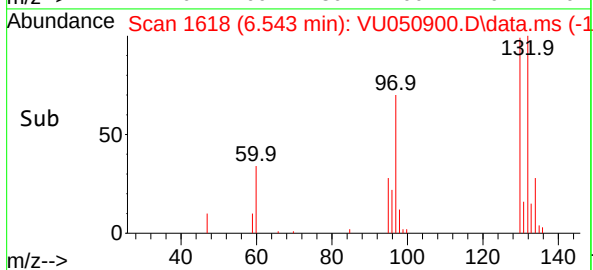
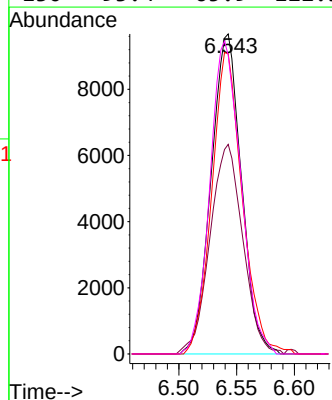
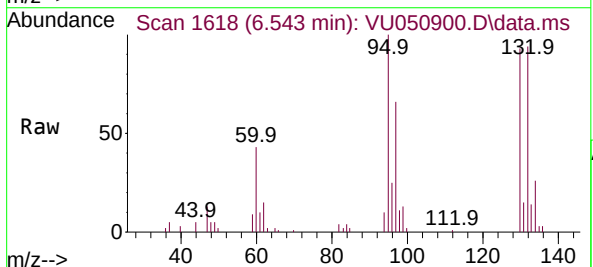
Instrument :
MSVOA_U
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EXZ37DL

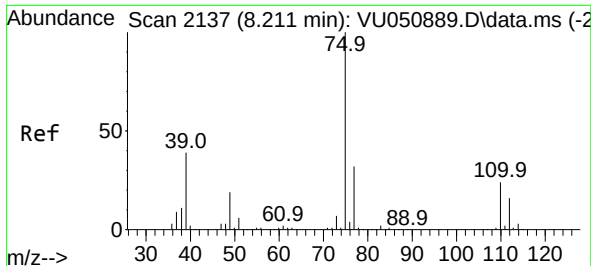
Tgt Ion:117 Resp: 23872
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0



#34
Trichloroethene
Concen: 4.705 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050900.D
Acq: 22 Sep 2022 16:03

Tgt Ion: 95 Resp: 17619
Ion Ratio Lower Upper
95 100
97 65.5 43.9 81.5
132 93.8 63.1 117.1
130 93.4 65.9 122.3

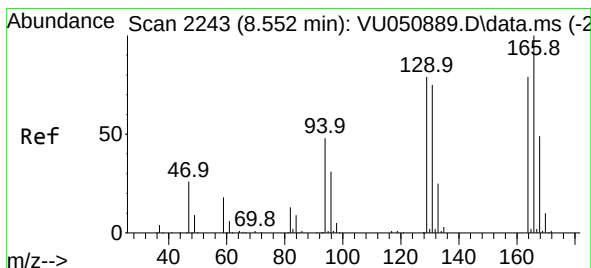
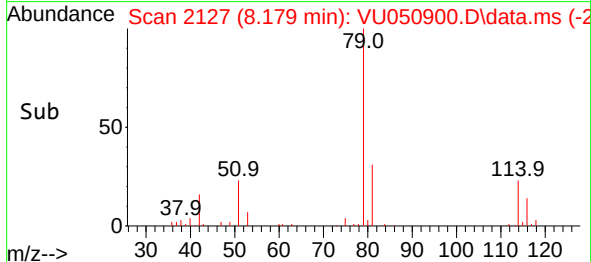
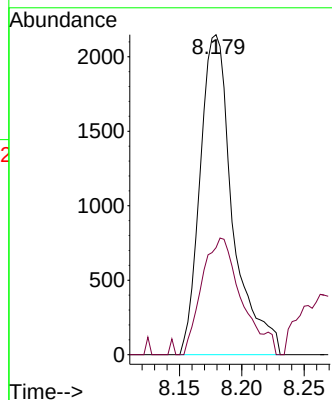
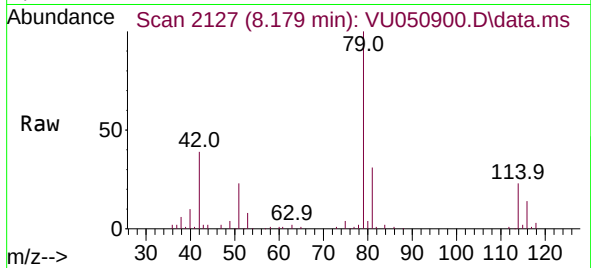




#44
trans-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050900.D
Acq: 22 Sep 2022 16:03

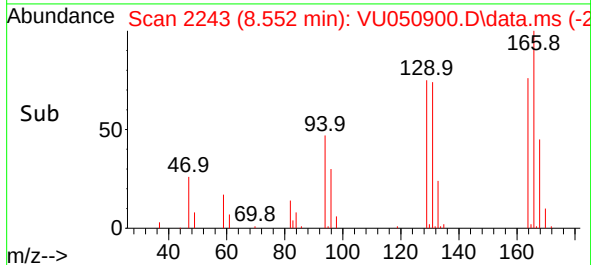
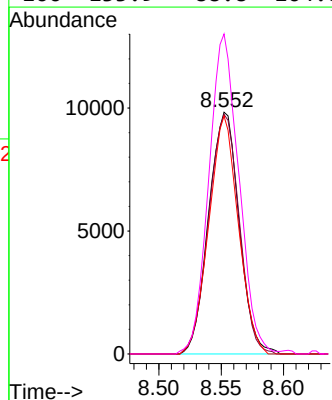
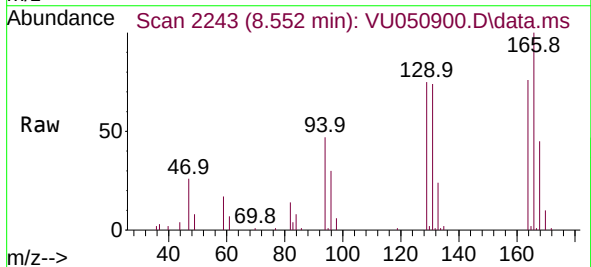
Instrument :
MSVOA_U
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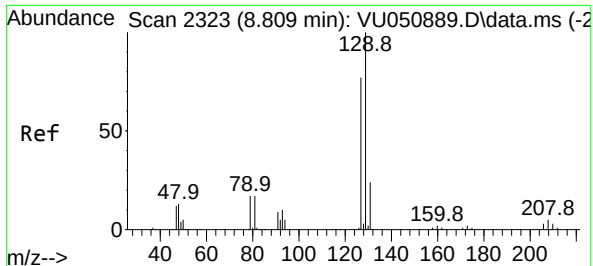
Tgt Ion: 75 Resp: 3910
Ion Ratio Lower Upper
75 100
77 33.5 21.9 40.7



#46
Tetrachloroethene
Concen: 6.235 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050900.D
Acq: 22 Sep 2022 16:03

Tgt Ion: 164 Resp: 16778
Ion Ratio Lower Upper
164 100
129 99.1 68.5 127.3
131 98.4 66.1 122.7
166 133.9 88.8 164.8

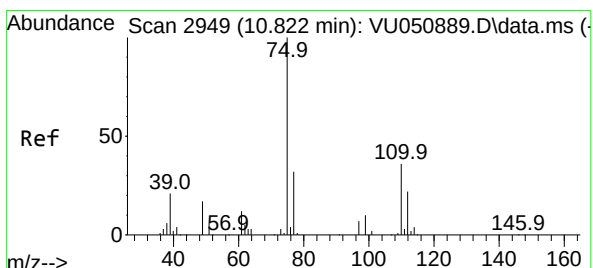
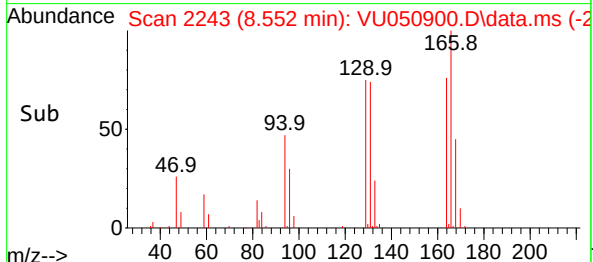
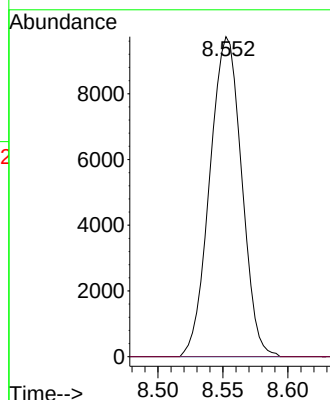
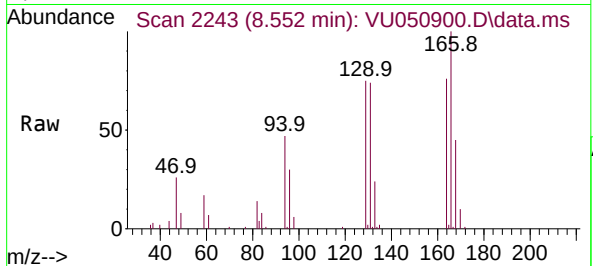




#49
Dibromochloromethane
Concen: 4.170 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU050900.D
Acq: 22 Sep 2022 16:03

Instrument :
MSVOA_U
ClientSampleId :
EXZ37DL

Tgt Ion:129 Resp: 16622
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#60
1,2,3-Trichloropropane
Concen: 4.520 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.991 min
Lab File: VU050900.D
Acq: 22 Sep 2022 16:03

Tgt Ion: 75 Resp: 21189
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 2.6 28.6 43.0#

