

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052010.D
 Acq On : 21 Nov 2022 21:32
 Operator : JC/MD
 Sample : N5710-11DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:06:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

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

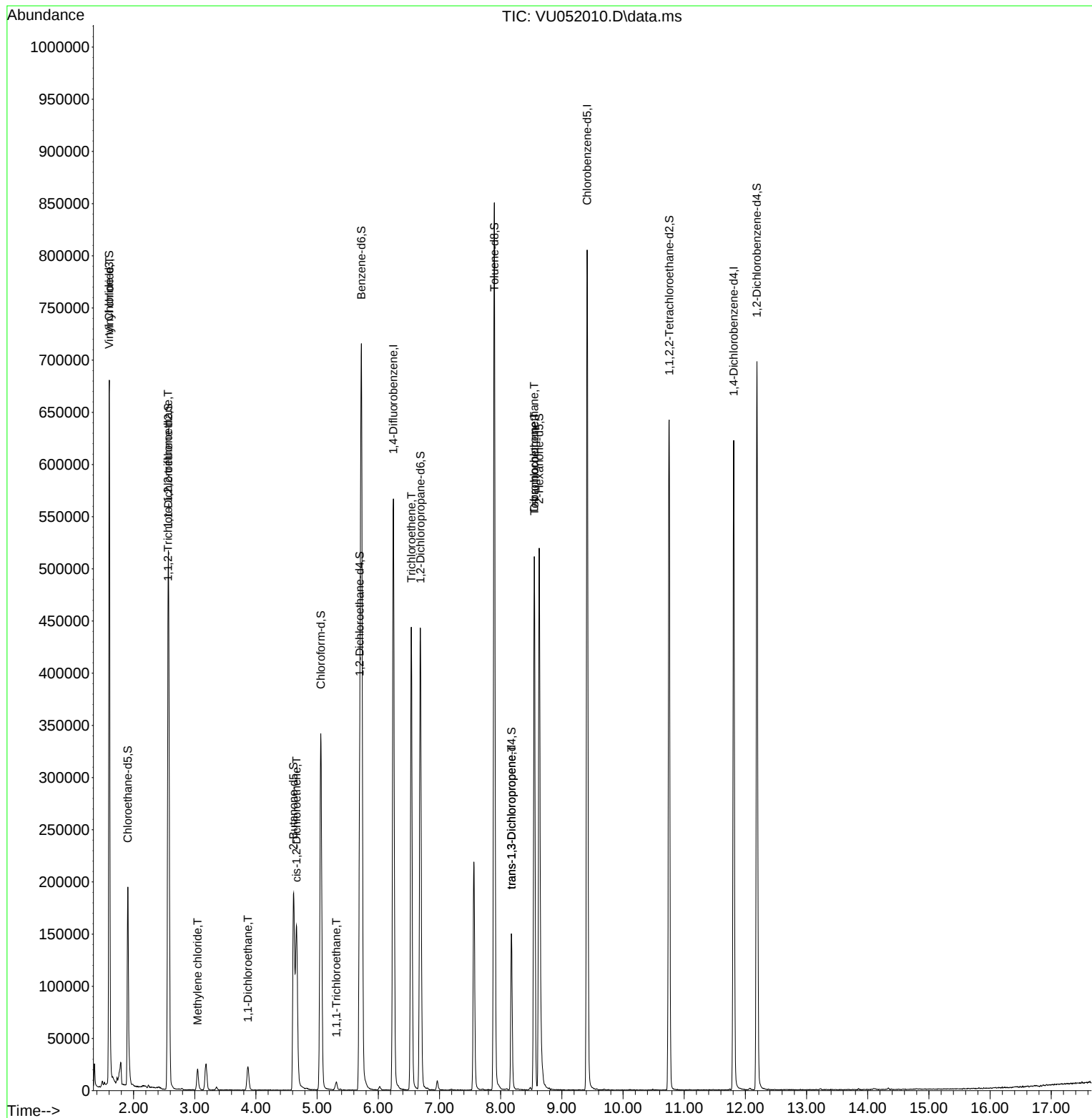
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	474927	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	461189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	169116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	203185	49.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.740%			
7) Chloroethane-d5	1.906	69	164502	50.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.940%			
11) 1,1-Dichloroethene-d2	2.565	63	274699	45.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.060%			
21) 2-Butanone-d5	4.613	46	256171	103.581	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.580%			
24) Chloroform-d	5.060	84	327739	48.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.697	65	205322	50.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.260%			
32) Benzene-d6	5.723	84	696029	50.633	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.260%			
36) 1,2-Dichloropropane-d6	6.687	67	226864	51.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.740%			
41) Toluene-d8	7.896	98	581392	47.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.680%			
43) trans-1,3-Dichloroprop...	8.176	79	87531	46.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.120%			
47) 2-Hexanone-d5	8.629	63	177023	102.757	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.760%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	339309	48.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.140%			
66) 1,2-Dichlorobenzene-d4	12.189	152	193315	55.277	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.560%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	306781	81.777	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2565	0.891	ug/L #	20
16) Methylene chloride	3.044	84	11299	2.698	ug/L	93
19) 1,1-Dichloroethane	3.867	63	27300	4.535	ug/L	95
20) cis-1,2-Dichloroethene	4.665	96	79232	22.555	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	5419	1.146	ug/L	96
34) Trichloroethene	6.539	95	154180	48.365	ug/L	100
44) trans-1,3-Dichloropropene	8.176	75	3711	0.769	ug/L #	72
46) Tetrachloroethene	8.552	164	118552	49.295	ug/L	98
49) Dibromochloromethane	8.549	129	112438	29.404	ug/L #	10

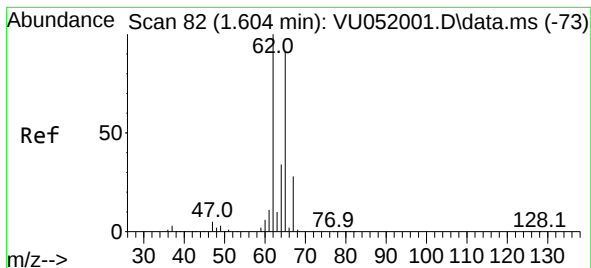
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 22 01:03:12 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 81.777 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU052010.D

Acq: 21 Nov 2022 21:32

Instrument :

MSVOA_U

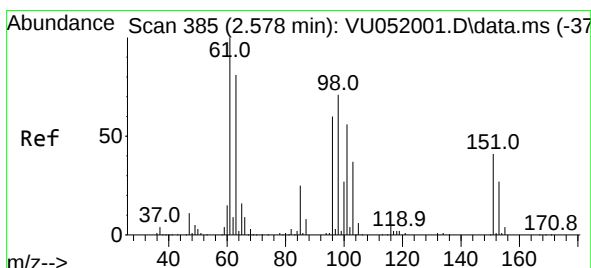
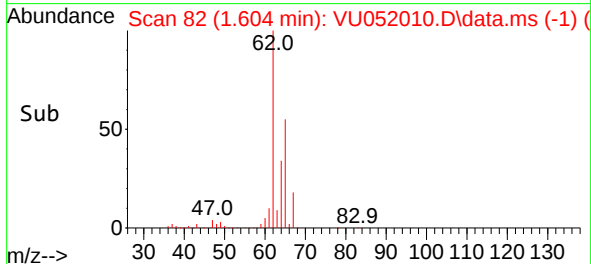
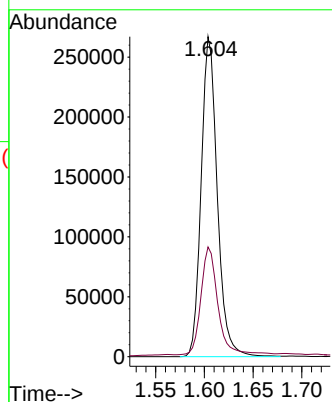
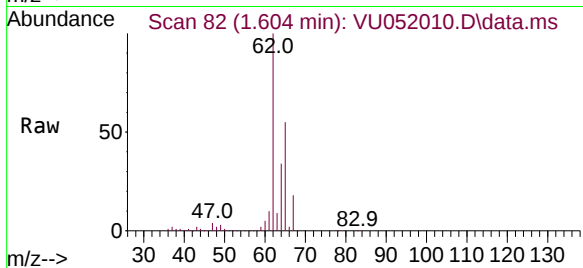
ClientSampleId :

Tgt Ion: 62 Resp: 306781

Ion Ratio Lower Upper

62 100

64 34.3 23.9 44.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.891 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU052010.D

Acq: 21 Nov 2022 21:32

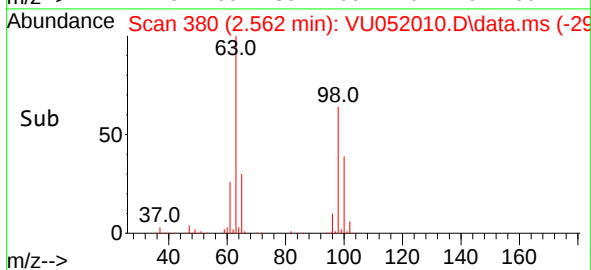
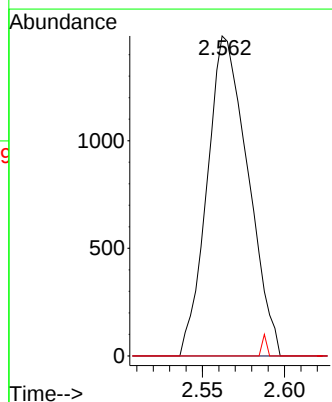
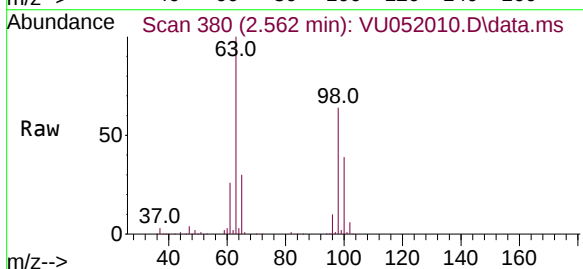
Tgt Ion: 101 Resp: 2565

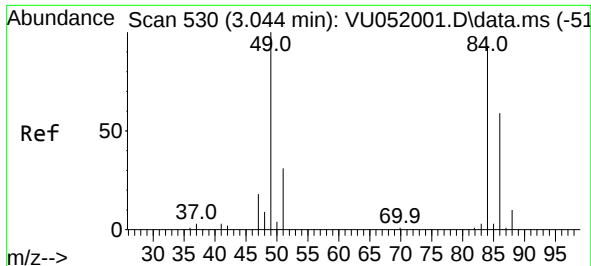
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

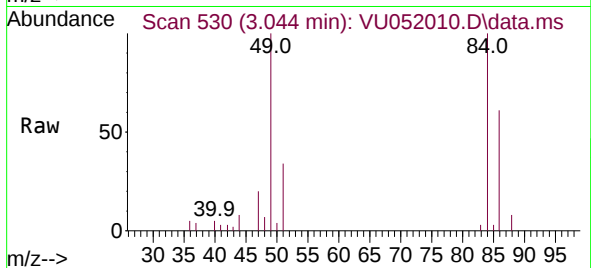
151 0.0 58.9 88.3#



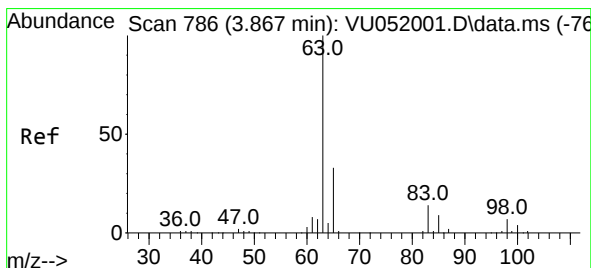
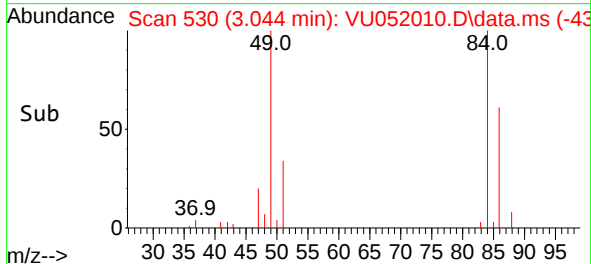
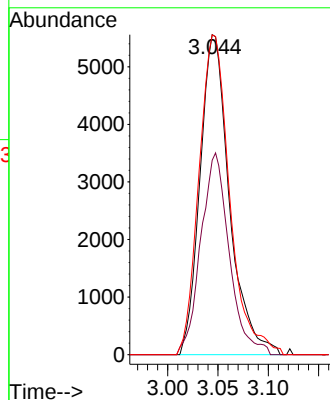


#16
Methylene chloride
Concen: 2.698 ug/L
RT: 3.044 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

Instrument :
MSVOA_U
ClientSampleId :

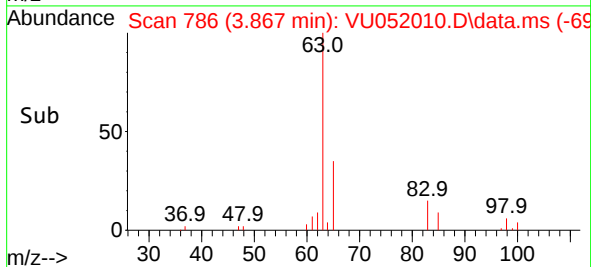
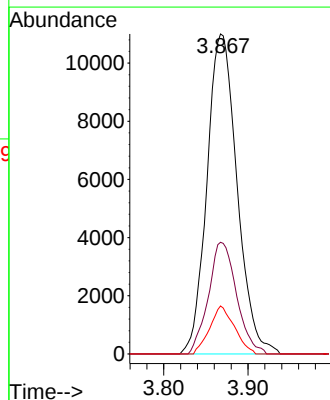
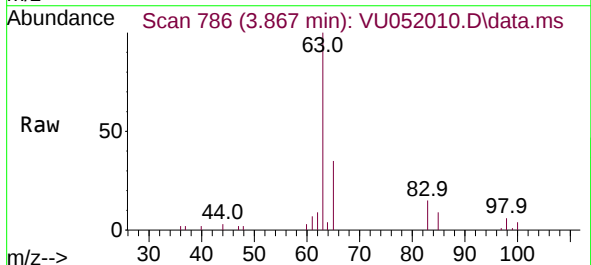


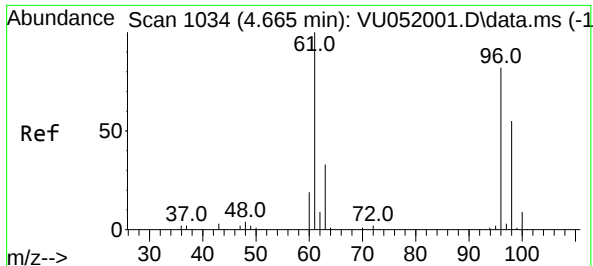
Tgt Ion:	84	Resp:	11299
Ion	Ratio	Lower	Upper
84	100		
86	60.7	45.2	84.0
49	99.9	75.9	141.1



#19
1,1-Dichloroethane
Concen: 4.535 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

Tgt Ion:	63	Resp:	27300
Ion	Ratio	Lower	Upper
63	100		
65	34.9	22.3	41.3
83	15.0	9.8	18.2

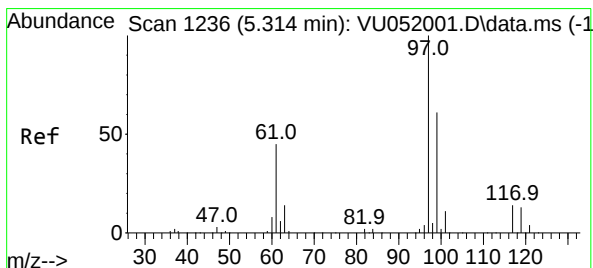
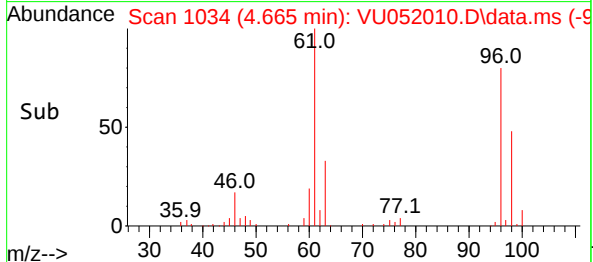
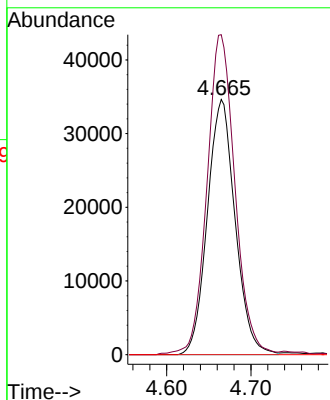
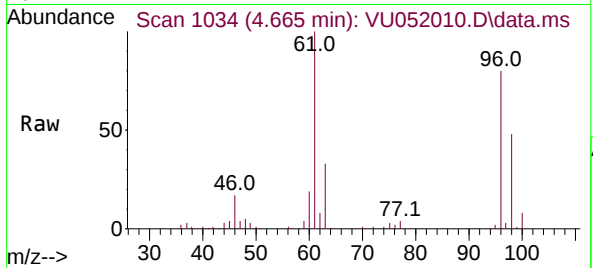




#20
 cis-1,2-Dichloroethene
 Concen: 22.555 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052010.D
 Acq: 21 Nov 2022 21:32

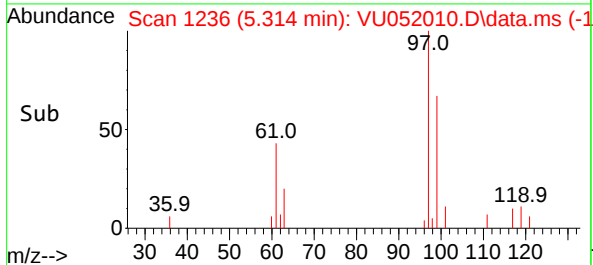
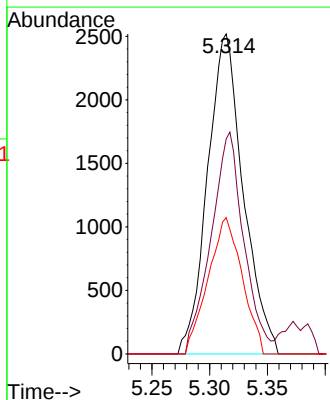
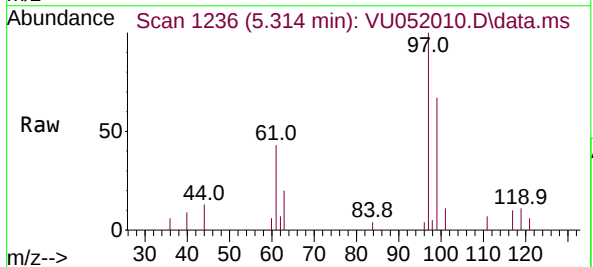
Instrument :
 MSVOA_U
 ClientSampleId :

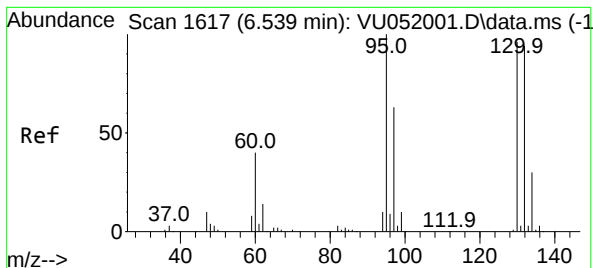
Tgt Ion: 96 Resp: 79232
 Ion Ratio Lower Upper
 96 100
 61 125.4 84.5 156.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.146 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VU052010.D
 Acq: 21 Nov 2022 21:32

Tgt Ion: 97 Resp: 5419
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.4 77.0
 61 40.6 37.2 55.8





#34

Trichloroethene

Concen: 48.365 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052010.D

Acq: 21 Nov 2022 21:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 154180

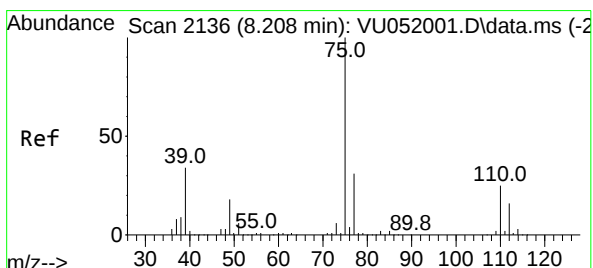
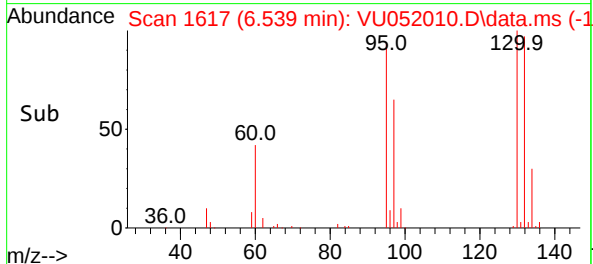
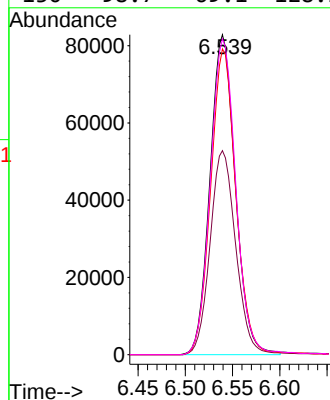
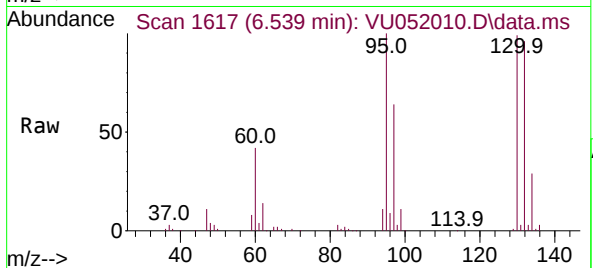
Ion Ratio Lower Upper

95 100

97 63.7 45.3 84.1

132 95.5 66.8 124.2

130 98.7 69.1 128.3



#44

trans-1,3-Dichloropropene

Concen: 0.769 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU052010.D

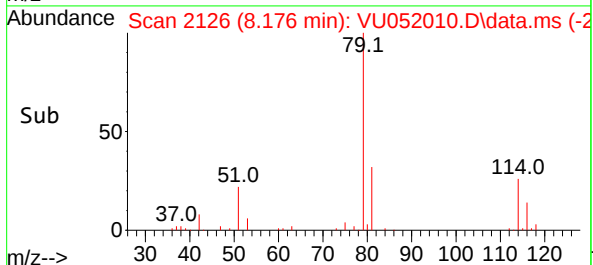
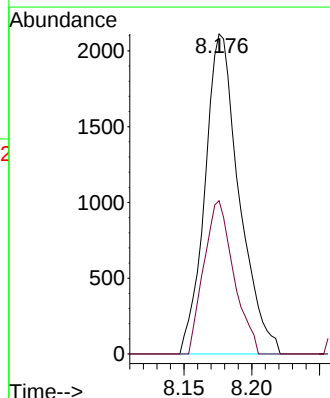
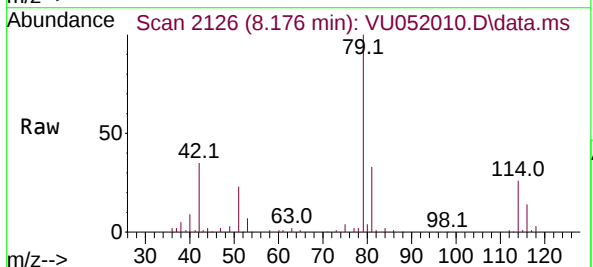
Acq: 21 Nov 2022 21:32

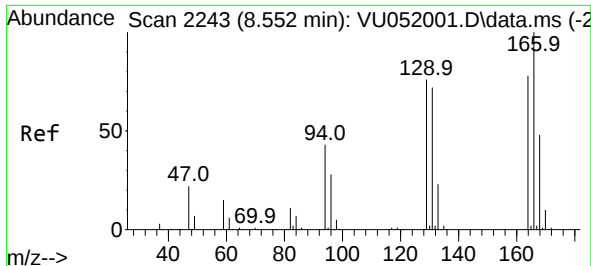
Tgt Ion: 75 Resp: 3711

Ion Ratio Lower Upper

75 100

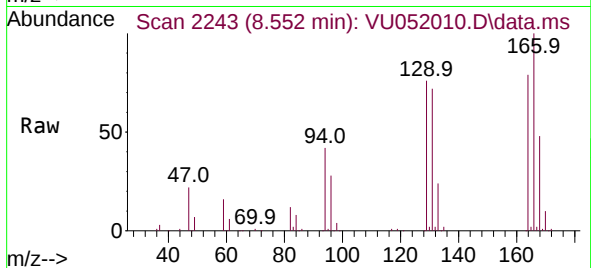
77 47.9 22.7 42.1#



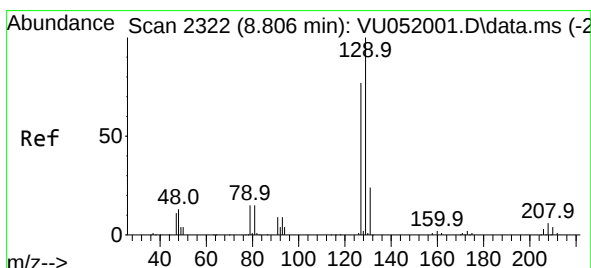
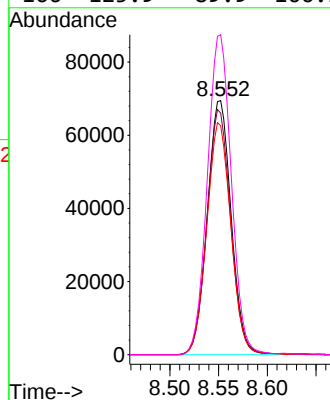
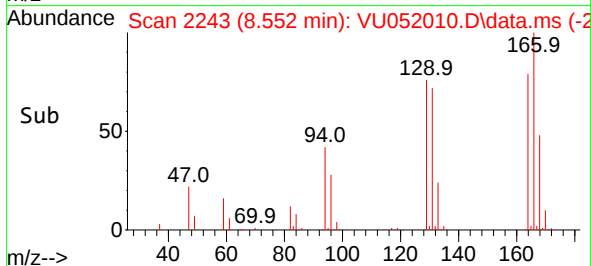


#46
Tetrachloroethene
Concen: 49.295 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 118552
Ion Ratio Lower Upper
164 100
129 95.1 67.3 124.9
131 90.1 65.2 121.2
166 125.9 89.9 166.9



#49
Dibromochloromethane
Concen: 29.404 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052010.D
Acq: 21 Nov 2022 21:32

Tgt Ion:129 Resp: 112438
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#

