

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052007.D
 Acq On : 21 Nov 2022 20:13
 Operator : JC/MD
 Sample : N5710-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY3DL

Quant Time: Nov 22 01:06:08 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)

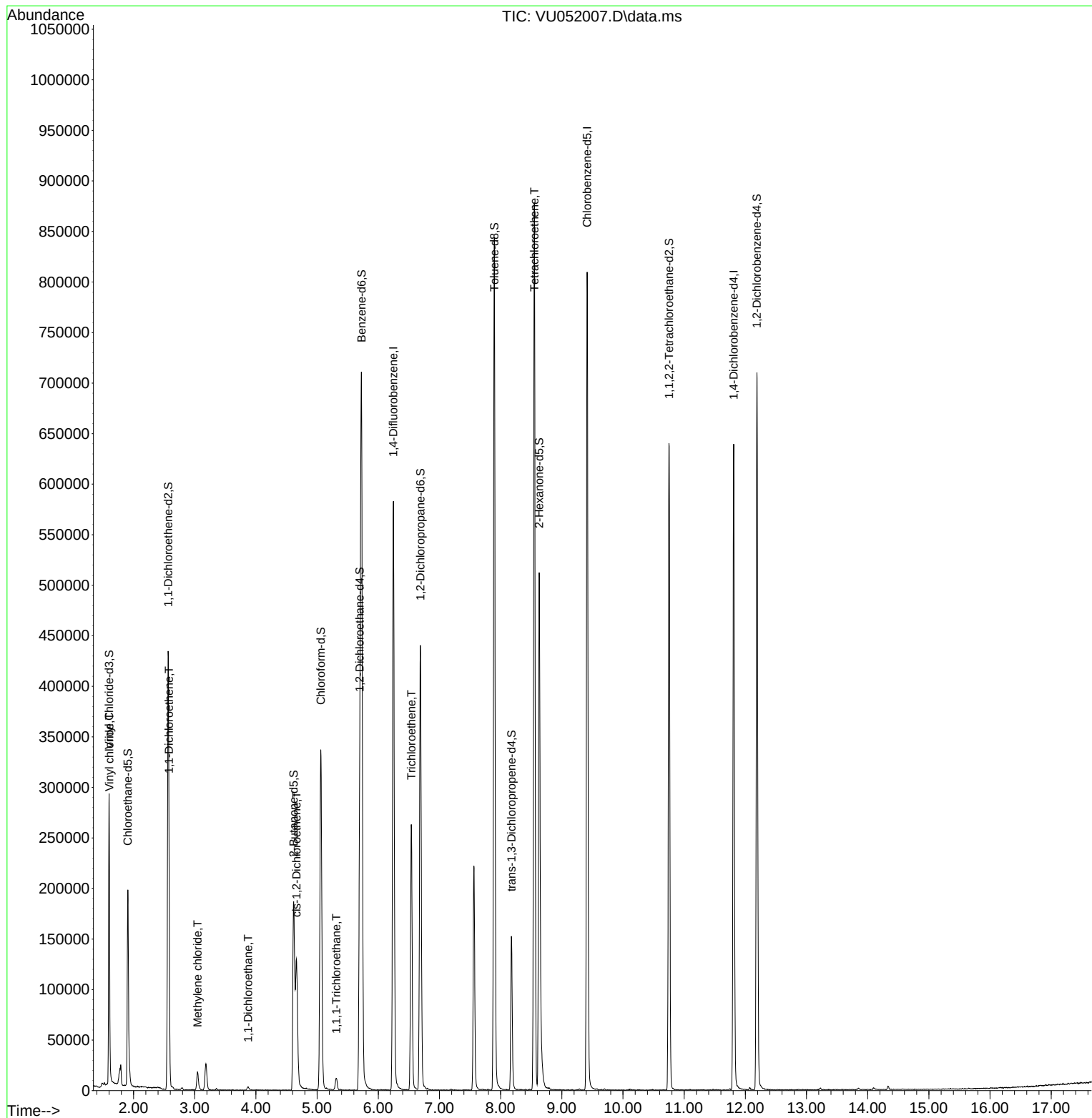
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	486365	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	460728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	176733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	200030	47.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.920%
7) Chloroethane-d5	1.906	69	165257	49.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.020%
11) 1,1-Dichloroethene-d2	2.565	63	250546	40.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.200%
21) 2-Butanone-d5	4.617	46	256222	101.165	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	5.060	84	324421	46.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
26) 1,2-Dichloroethane-d4	5.697	65	201292	48.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
32) Benzene-d6	5.726	84	691950	50.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
36) 1,2-Dichloropropane-d6	6.687	67	225502	51.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.220%
41) Toluene-d8	7.896	98	580900	47.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	8.176	79	88116	46.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.840%
47) 2-Hexanone-d5	8.629	63	173124	100.595	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.590%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	330565	47.361	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	12.189	152	195815	53.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.160%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	11032	2.872	ug/L #	39
12) 1,1-Dichloroethene	2.578	96	26920	9.559	ug/L #	1
16) Methylene chloride	3.044	84	10005	2.333	ug/L	91
19) 1,1-Dichloroethane	3.871	63	4102	0.665	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	63420	17.629	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	9010	1.907	ug/L	98
34) Trichloroethene	6.539	95	93208	29.268	ug/L	97
46) Tetrachloroethene	8.552	164	201069	83.689	ug/L	99

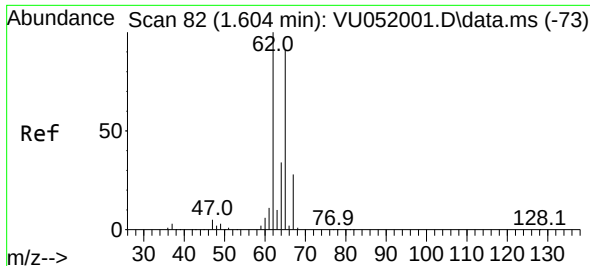
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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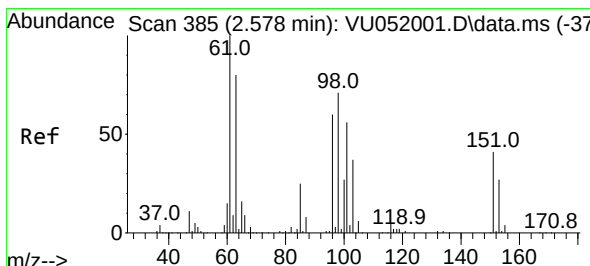
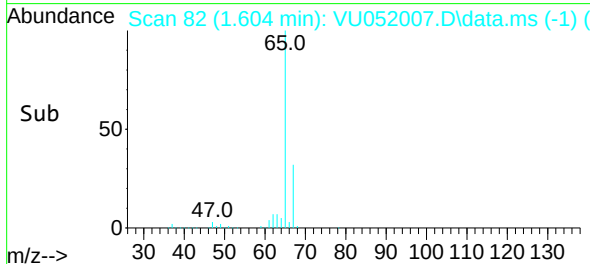
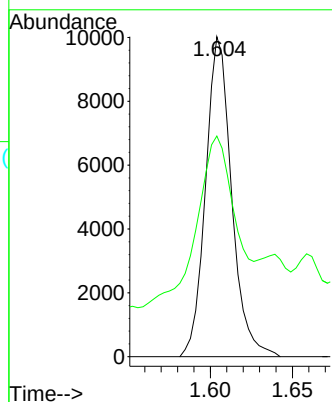
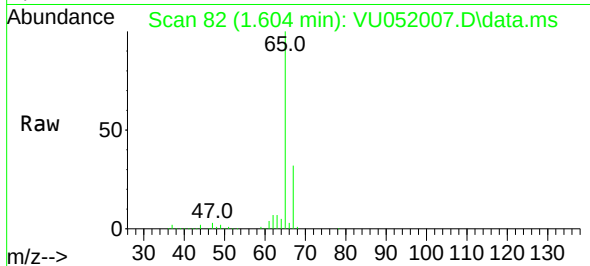




#5
 Vinyl chloride
 Concen: 2.872 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052007.D
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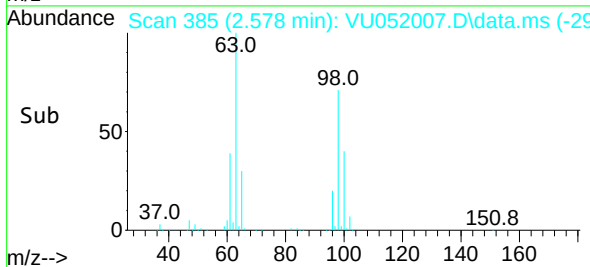
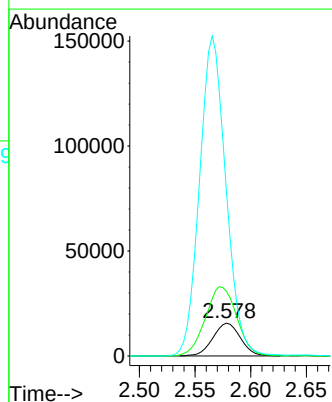
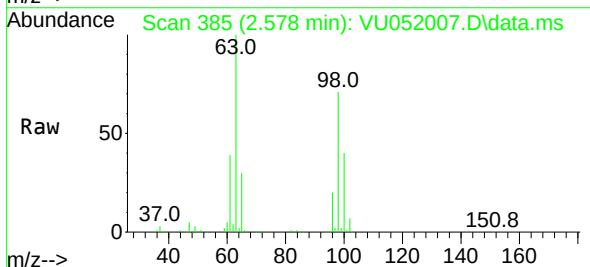
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY3DL

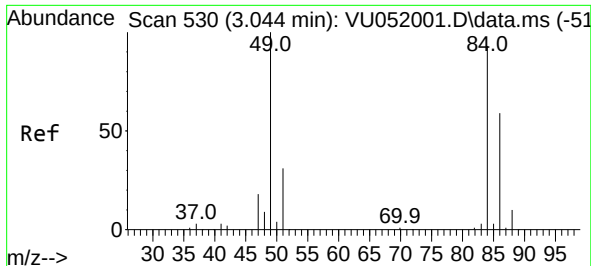
Tgt Ion: 62 Resp: 11032
 Ion Ratio Lower Upper
 62 100
 64 69.0 23.9 44.3#



#12
 1,1-Dichloroethene
 Concen: 9.559 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052007.D
 Acq: 21 Nov 2022 20:13

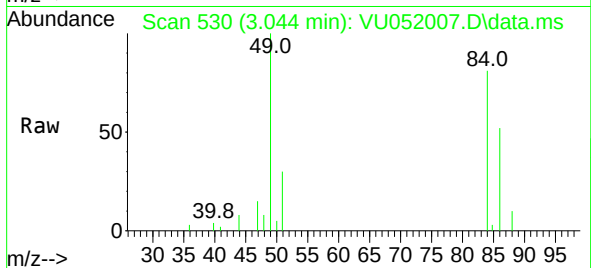
Tgt Ion: 96 Resp: 26920
 Ion Ratio Lower Upper
 96 100
 61 196.8 114.2 212.0
 63 501.1 90.9 168.7#



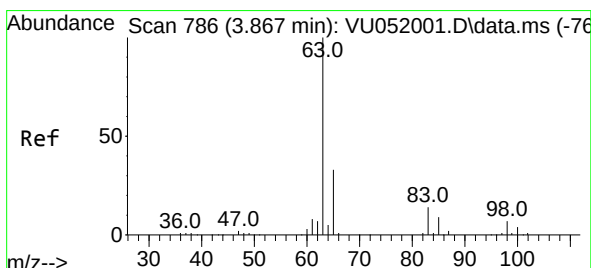
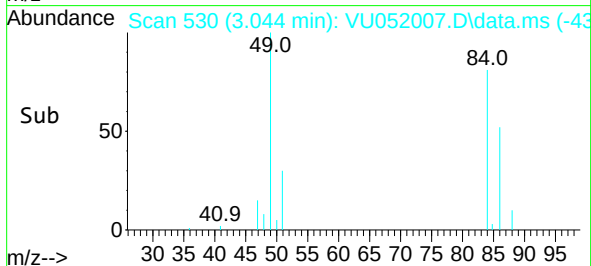
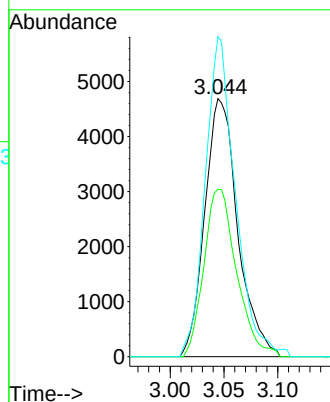


#16
Methylene chloride
Concen: 2.333 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052007.D
Acq: 21 Nov 2022 20:13

Instrument :
MSVOA_U
ClientSampleId :
C0KY3DL

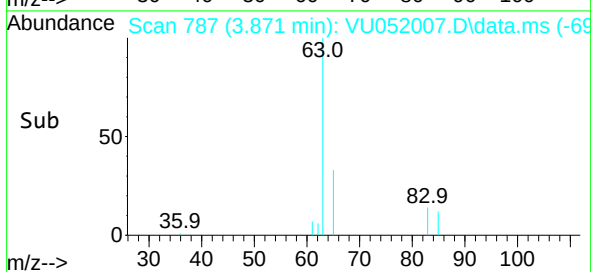
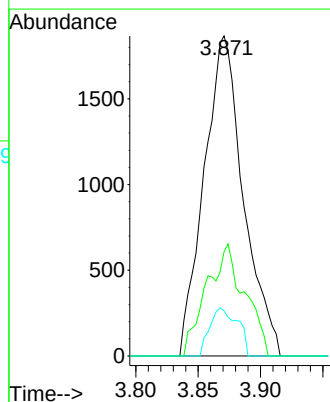
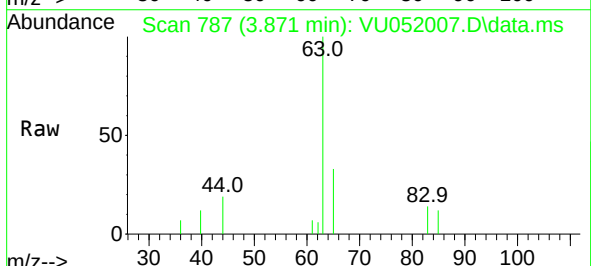


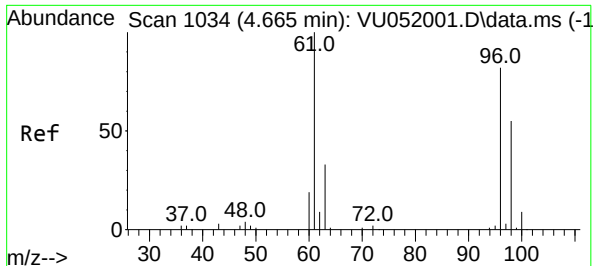
Tgt Ion: 84 Resp: 10005
Ion Ratio Lower Upper
84 100
86 64.9 45.2 84.0
49 124.0 75.9 141.1



#19
1,1-Dichloroethane
Concen: 0.665 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052007.D
Acq: 21 Nov 2022 20:13

Tgt Ion: 63 Resp: 4102
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.3
83 14.1 9.8 18.2

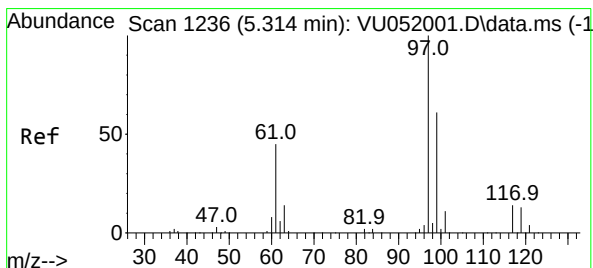
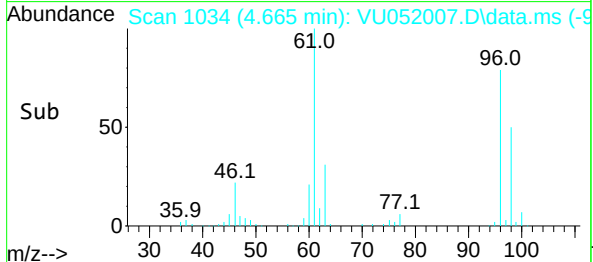
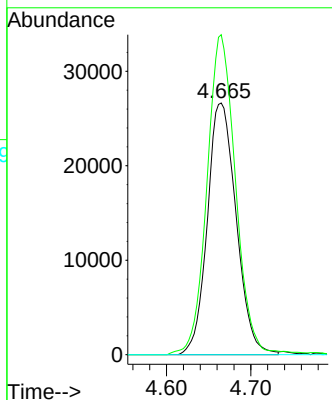
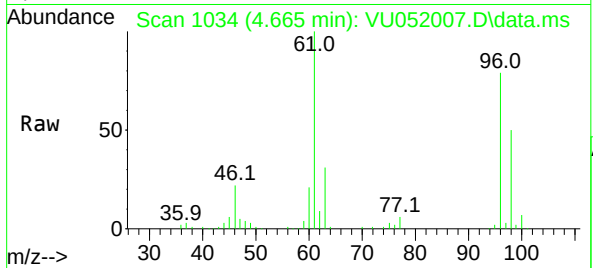




#20
 cis-1,2-Dichloroethene
 Concen: 17.629 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052007.D
 Acq: 21 Nov 2022 20:13

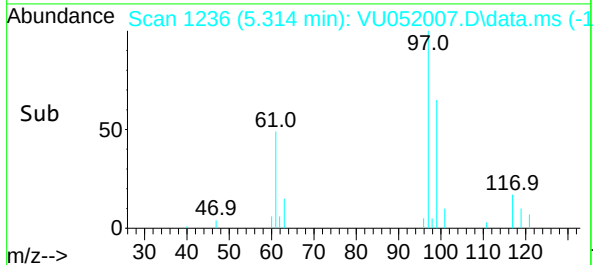
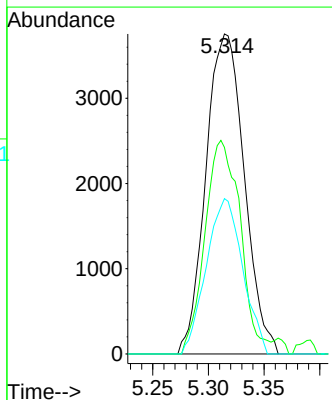
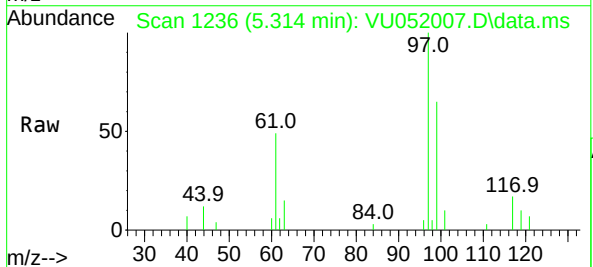
Instrument :
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 C0KY3DL

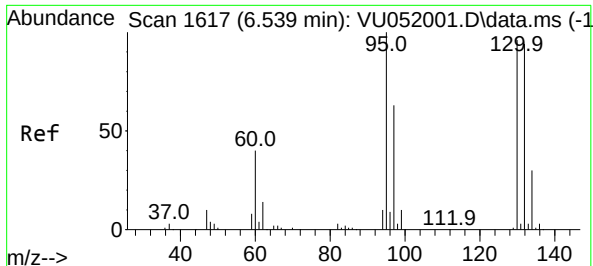
Tgt Ion: 96 Resp: 63420
 Ion Ratio Lower Upper
 96 100
 61 127.1 84.5 156.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.907 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VU052007.D
 Acq: 21 Nov 2022 20:13

Tgt Ion: 97 Resp: 9010
 Ion Ratio Lower Upper
 97 100
 99 61.6 51.4 77.0
 61 45.9 37.2 55.8

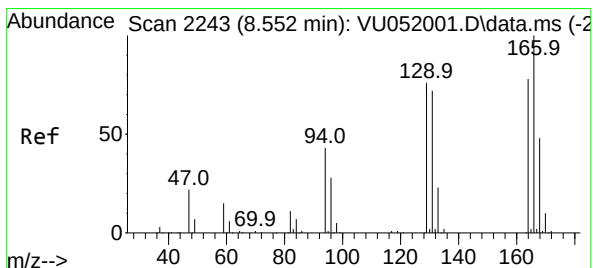
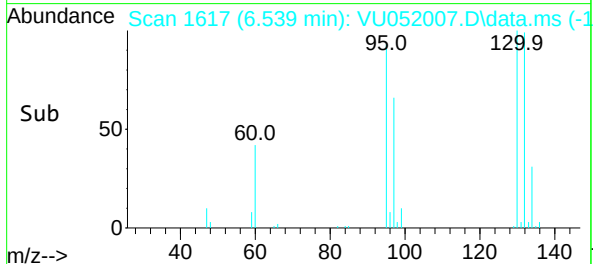
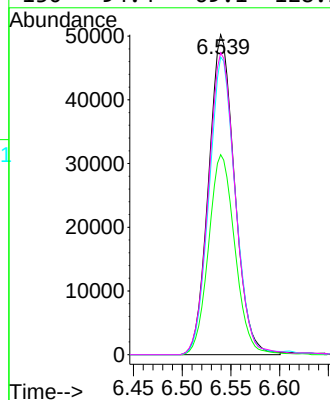
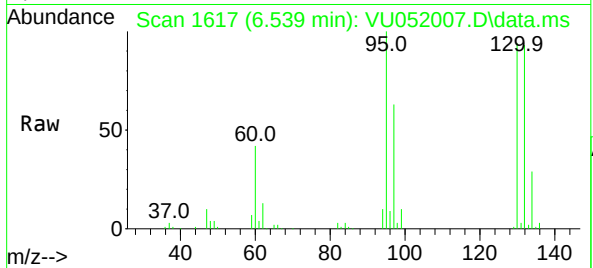




#34
Trichloroethene
Concen: 29.268 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052007.D
Acq: 21 Nov 2022 20:13

Instrument :
MSVOA_U
ClientSampleId :
C0KY3DL

Tgt Ion: 95 Resp: 93208
Ion Ratio Lower Upper
95 100
97 62.5 45.3 84.1
132 93.0 66.8 124.2
130 94.4 69.1 128.3



#46
Tetrachloroethene
Concen: 83.689 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052007.D
Acq: 21 Nov 2022 20:13

Tgt Ion:164 Resp: 201069
Ion Ratio Lower Upper
164 100
129 96.8 67.3 124.9
131 92.6 65.2 121.2
166 127.6 89.9 166.9

