

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043900.D
 Acq On : 21 May 2021 19:34
 Operator : SY/MD
 Sample : M2459-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK6

Quant Time: May 22 00:56:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

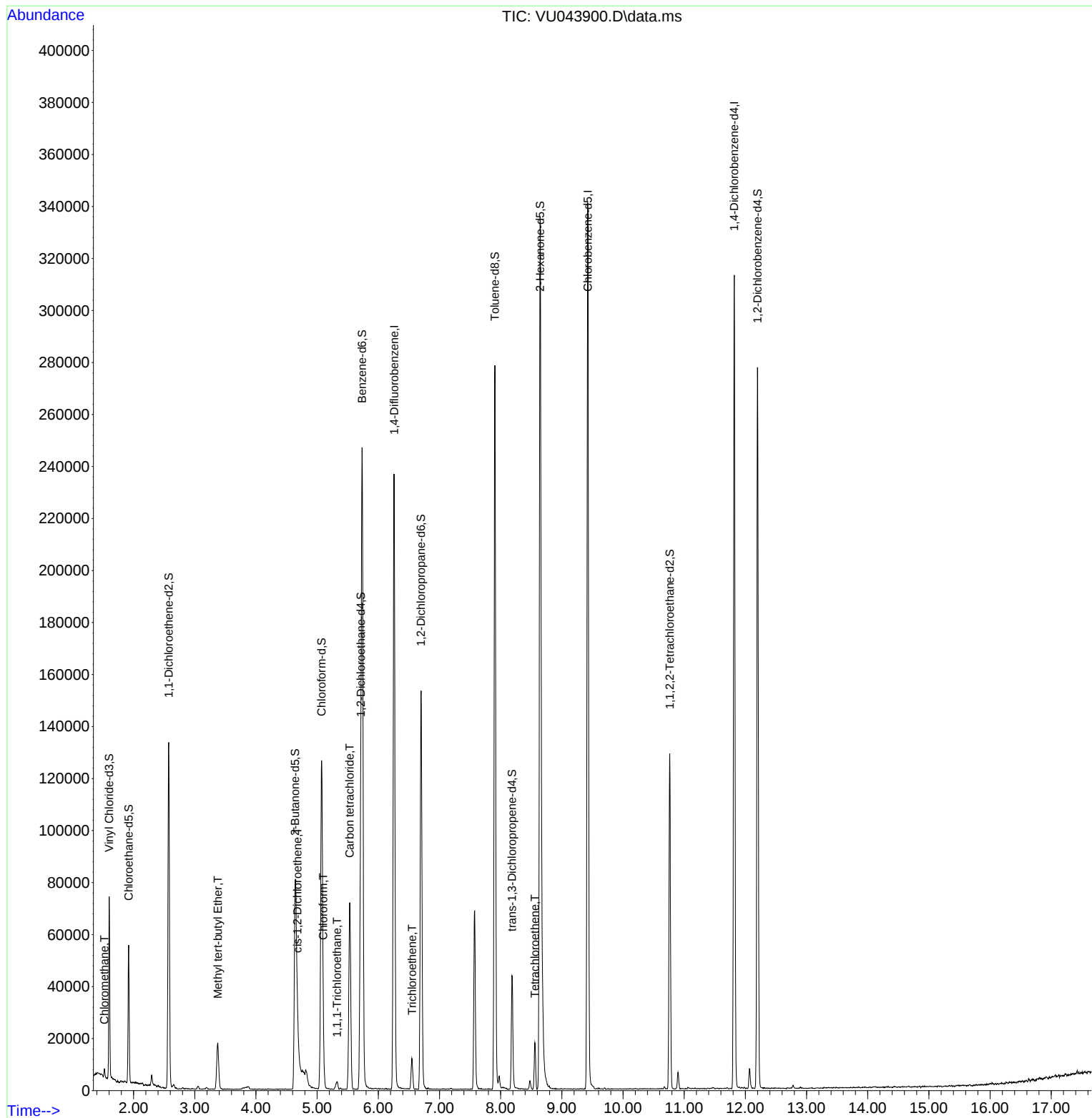
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	197253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	201892	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	90655	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	49690	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.919	69	38477	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.575	65	25364	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.642	46	157651	57.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	5.073	84	119118	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.713	65	61383	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.735	84	232169	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	77560	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	191256	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloroprop...	8.186	79	26552	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.645	63	130702	47.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.68%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	66055	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	78904	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	2638	0.16	ug/L	91
17) Methyl tert-butyl Ether	3.375	73	19492	0.66	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	2138	0.15	ug/L	98
25) Chloroform	5.099	83	11676	0.48	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	2418	0.11	ug/L #	88
31) Carbon tetrachloride	5.533	117	50252	2.86	ug/L	99
34) Trichloroethene	6.552	95	3885	0.26	ug/L	88
47) Tetrachloroethene	8.559	164	4261	0.35	ug/L	94

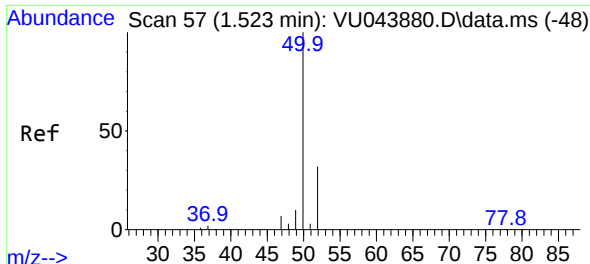
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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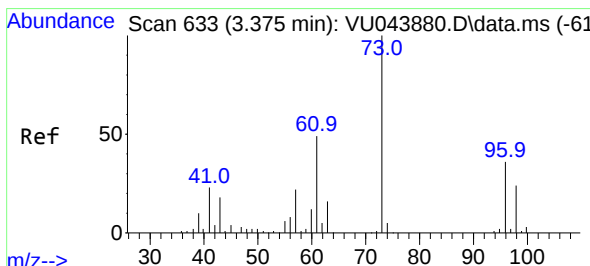
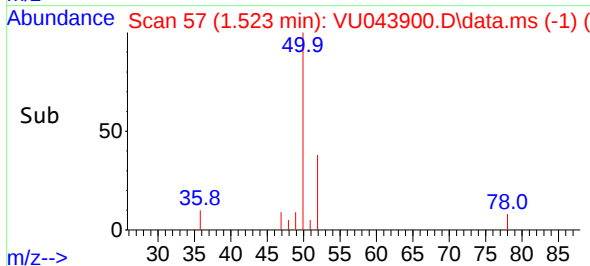
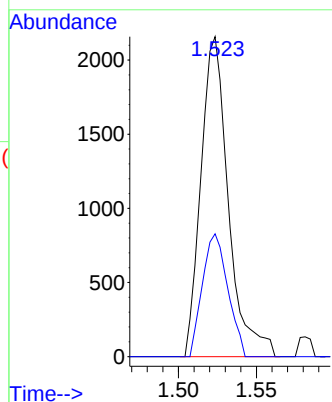
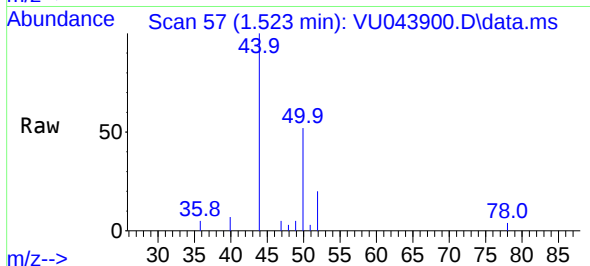




#3
Chloromethane
Concen: 0.16 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043900.D
Acq: 21 May 2021 19:34

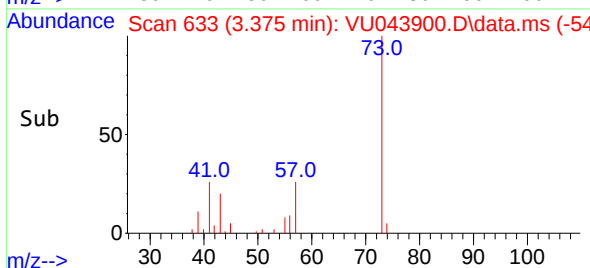
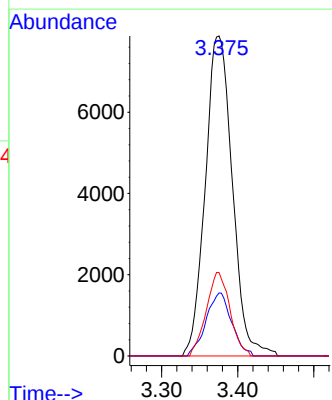
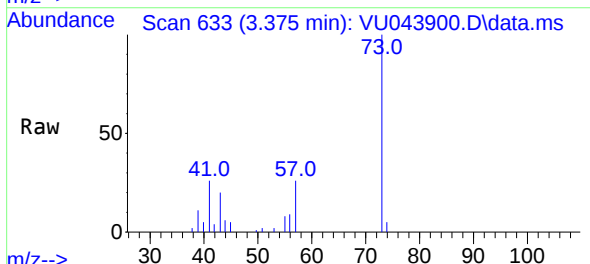
Instrument :
MSVOA_U
ClientSampled :
C0GK6

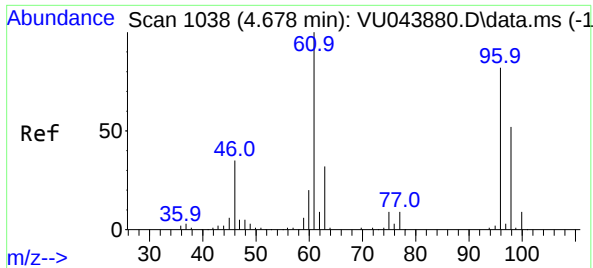
Tgt Ion: 50 Resp: 2638
Ion Ratio Lower Upper
50 100
52 38.4 23.2 43.2



#17
Methyl tert-butyl Ether
Concen: 0.66 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043900.D
Acq: 21 May 2021 19:34

Tgt Ion: 73 Resp: 19492
Ion Ratio Lower Upper
73 100
43 18.6 15.0 22.4
57 22.8 18.6 27.8



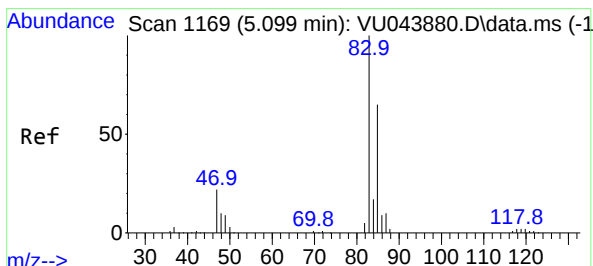
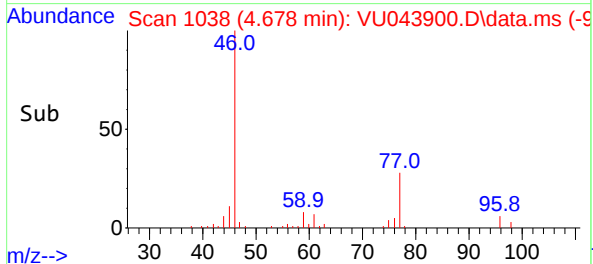
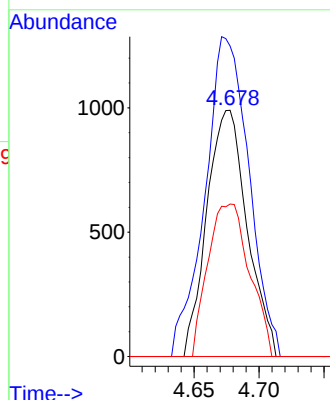
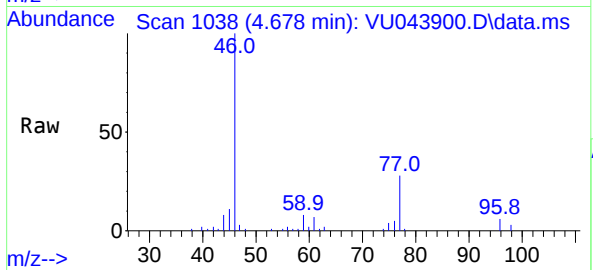


#22
cis-1,2-Dichloroethene
Concen: 0.15 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043900.D
Acq: 21 May 2021 19:34

Instrument :
MSVOA_U
ClientSampleId :
C0GK6

Tgt Ion: 96 Resp: 2138

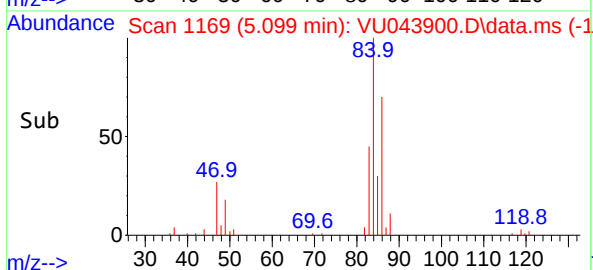
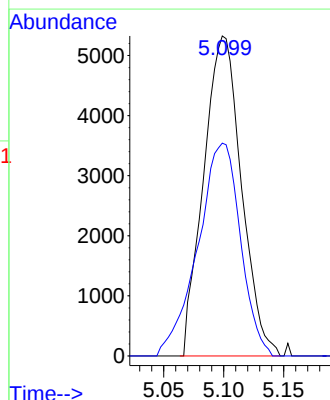
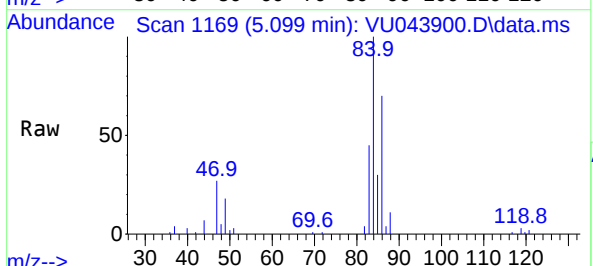
Ion	Ratio	Lower	Upper
96	100		
61	126.1	89.0	165.4
98	61.9	44.9	83.3

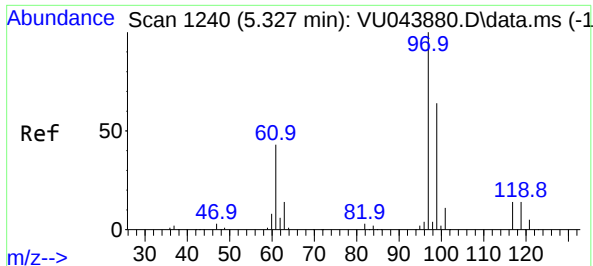


#25
Chloroform
Concen: 0.48 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043900.D
Acq: 21 May 2021 19:34

Tgt Ion: 83 Resp: 11676

Ion	Ratio	Lower	Upper
83	100		
85	66.5	45.0	83.6



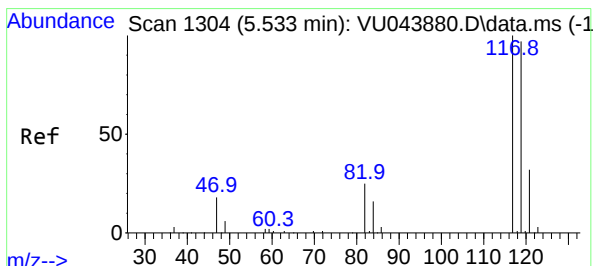
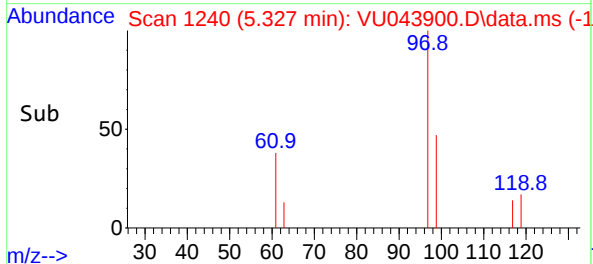
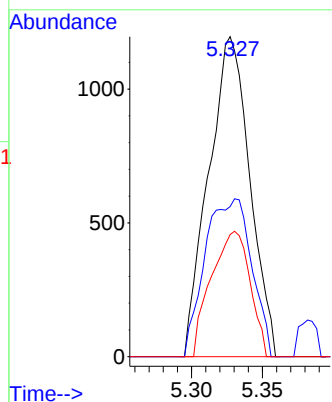
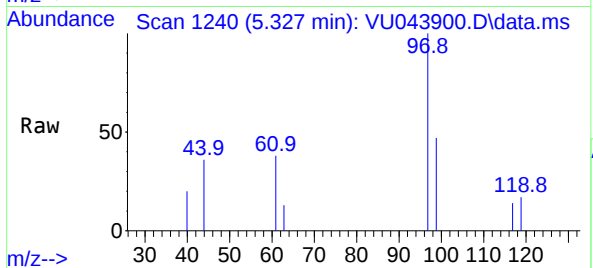


#29
1,1,1-Trichloroethane
Concen: 0.11 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043900.D
Acq: 21 May 2021 19:34

Instrument :
MSVOA_U
ClientSampleId :
C0GK6

Tgt Ion: 97 Resp: 2418

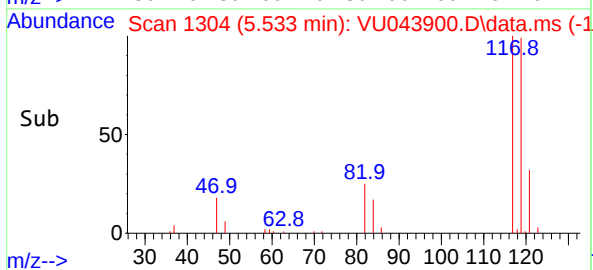
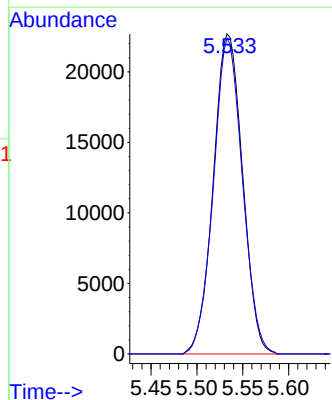
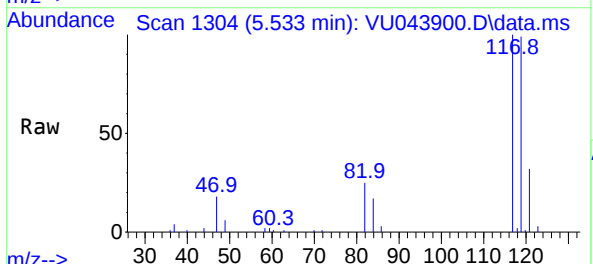
Ion	Ratio	Lower	Upper
97	100		
99	55.7	51.1	76.7
61	36.9	37.0	55.4#

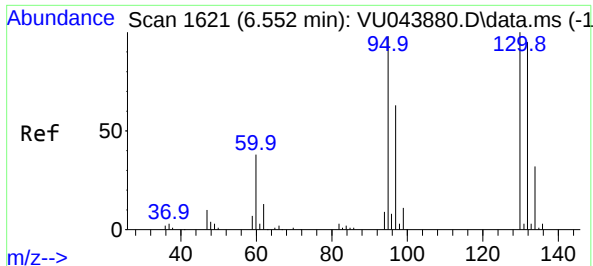


#31
Carbon tetrachloride
Concen: 2.86 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043900.D
Acq: 21 May 2021 19:34

Tgt Ion: 117 Resp: 50252

Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0





#34

Trichloroethene

Concen: 0.26 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU043900.D

Acq: 21 May 2021 19:34

Tgt Ion: 95 Resp: 3885

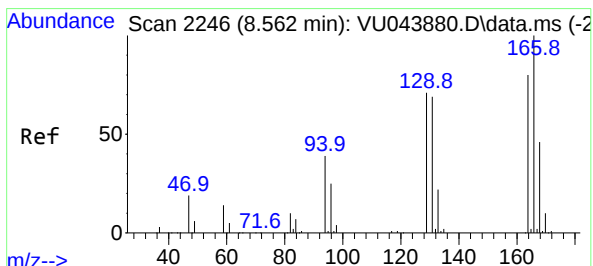
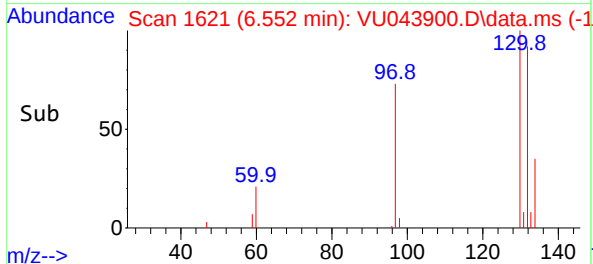
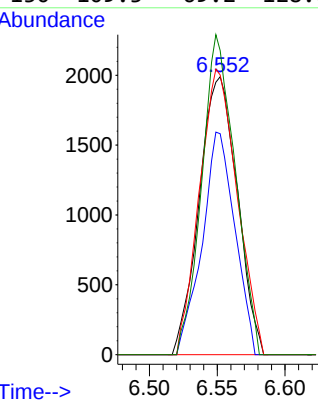
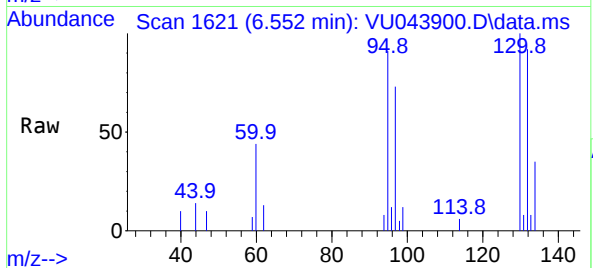
Ion Ratio Lower Upper

95 100

97 79.5 44.3 82.3

132 100.6 66.0 122.6

130 109.3 69.2 128.6



#47

Tetrachloroethene

Concen: 0.35 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043900.D

Acq: 21 May 2021 19:34

Tgt Ion: 164 Resp: 4261

Ion Ratio Lower Upper

164 100

129 95.8 64.1 119.1

131 88.6 61.2 113.8

166 137.2 87.8 163.2

