

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043898.D
 Acq On : 21 May 2021 18:46
 Operator : SY/MD
 Sample : M2459-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK2

Quant Time: May 22 00:55:44 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)

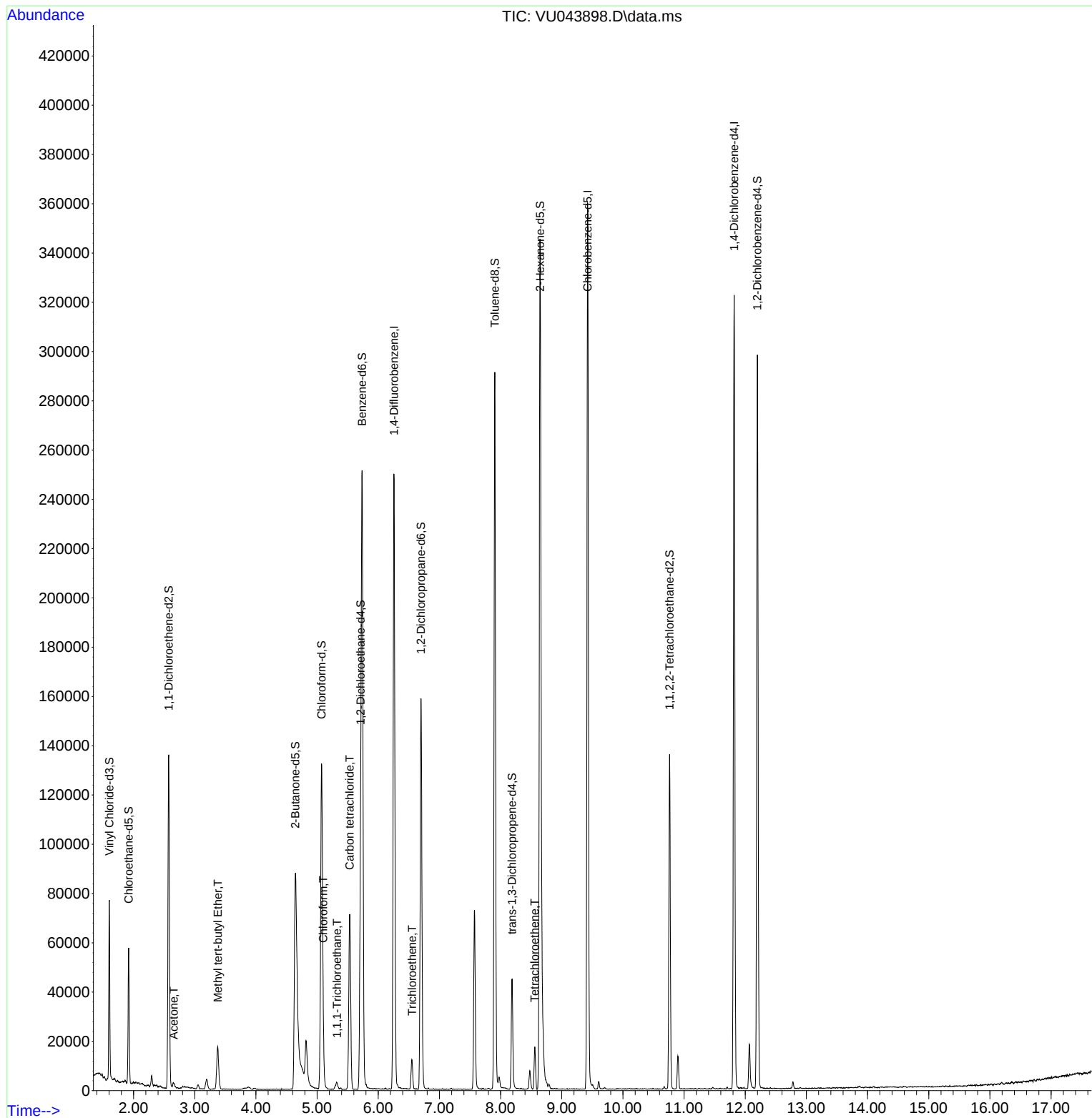
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	207417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	212261	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	93067	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51679	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.919	69	39057	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.575	65	24925	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.645	46	181677	62.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.96%
24) Chloroform-d	5.073	84	122662	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.713	65	62295	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	242307	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.700	67	79737	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.906	98	197748	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloroprop...	8.185	79	26663	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.645	63	135254	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68975	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	83321	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%
Target Compounds					Qvalue	
13) Acetone	2.658	43	2729	1.48	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	18989	0.61	ug/L	97
25) Chloroform	5.099	83	12111	0.47	ug/L	89
29) 1,1,1-Trichloroethane	5.327	97	2264	0.10	ug/L	95
31) Carbon tetrachloride	5.533	117	49620	2.68	ug/L	99
34) Trichloroethene	6.552	95	4040	0.26	ug/L	97
47) Tetrachloroethene	8.558	164	4390	0.34	ug/L	94

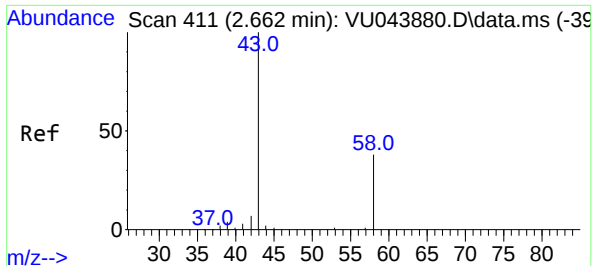
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: May 22 00:55:44 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 22 00:45:10 2021
Response via : Initial Calibration

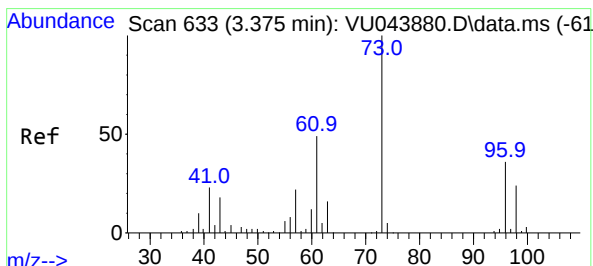
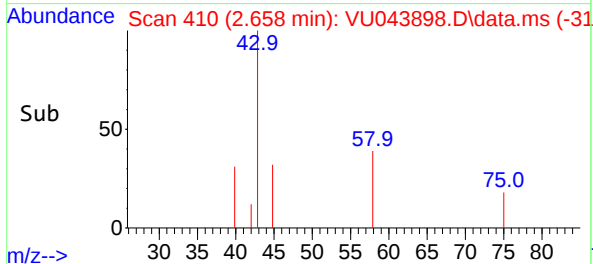
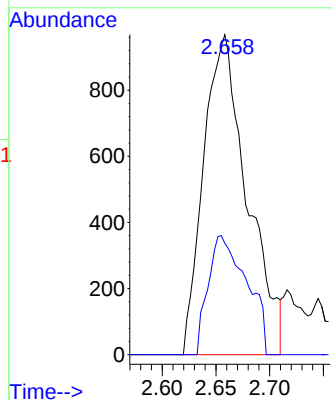
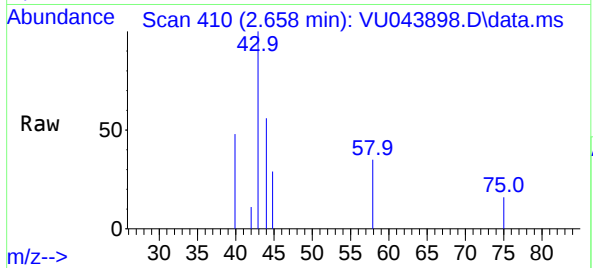




#13
Acetone
Concen: 1.48 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

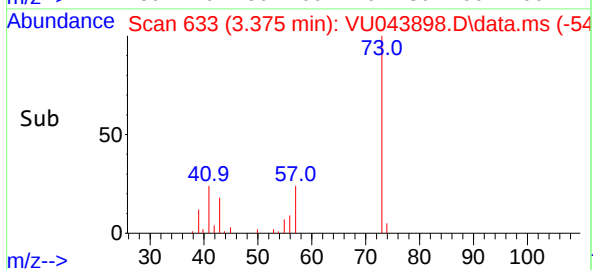
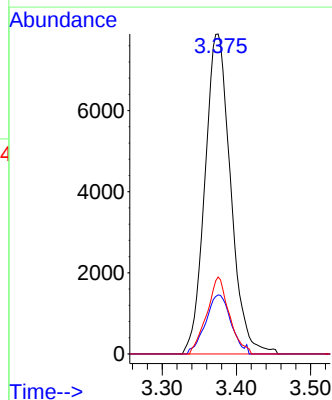
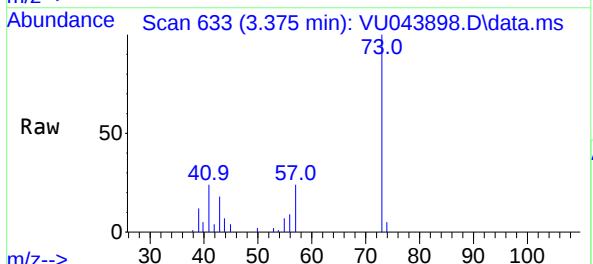
Instrument :
MSVOA_U
ClientSampled :
C0GK2

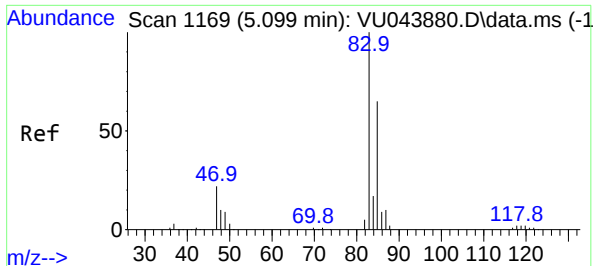
Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 32.8 0.0 71.6



#17
Methyl tert-butyl Ether
Concen: 0.61 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Tgt Ion: 73 Resp: 18989
Ion Ratio Lower Upper
73 100
43 18.1 15.0 22.4
57 21.0 18.6 27.8



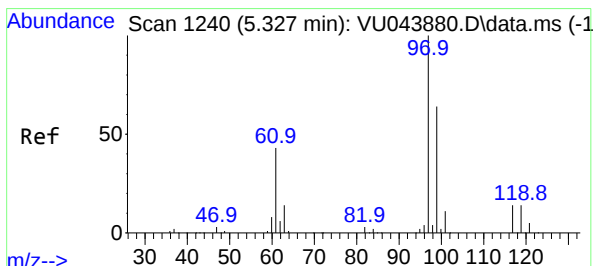
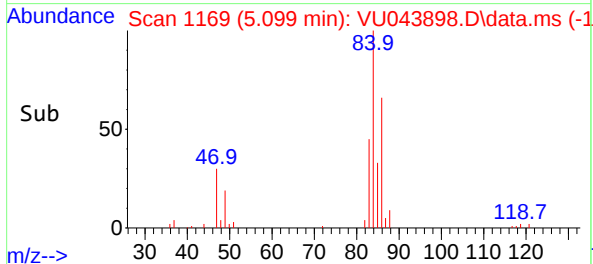
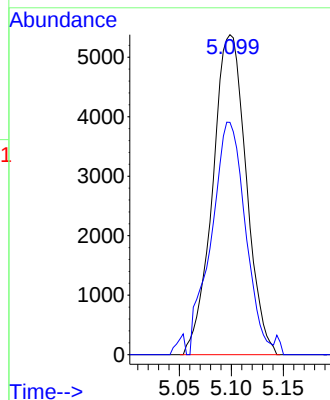
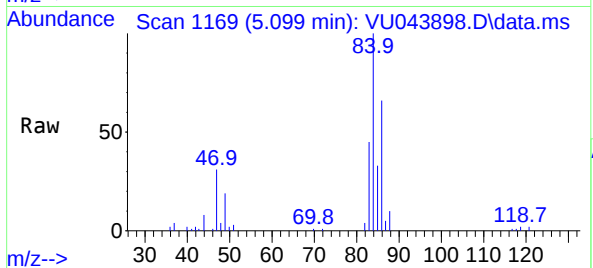


#25

Chloroform
Concen: 0.47 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Instrument :
MSVOA_U
ClientSampled :
C0GK2

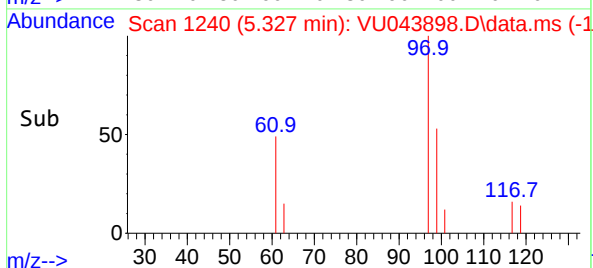
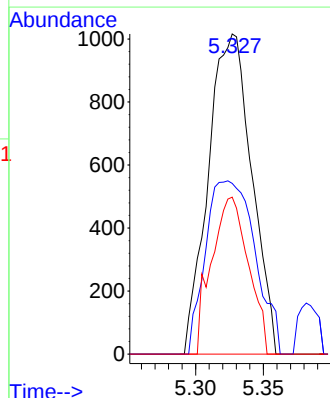
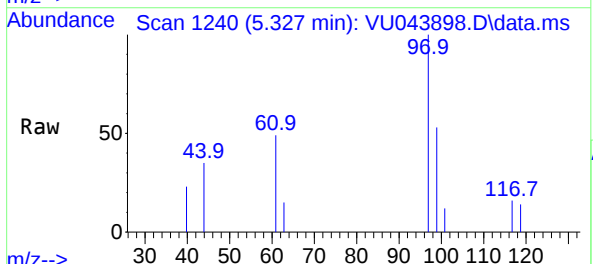
Tgt Ion: 83 Resp: 12111
Ion Ratio Lower Upper
83 100
85 72.6 45.0 83.6

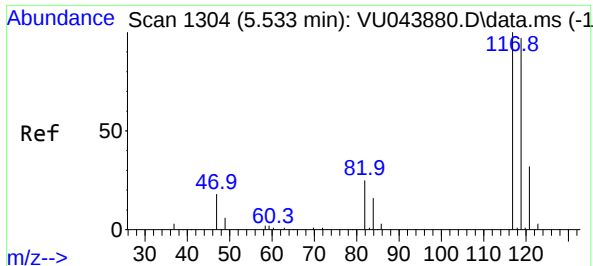


#29

1,1,1-Trichloroethane
Concen: 0.10 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Tgt Ion: 97 Resp: 2264
Ion Ratio Lower Upper
97 100
99 61.7 51.1 76.7
61 41.6 37.0 55.4

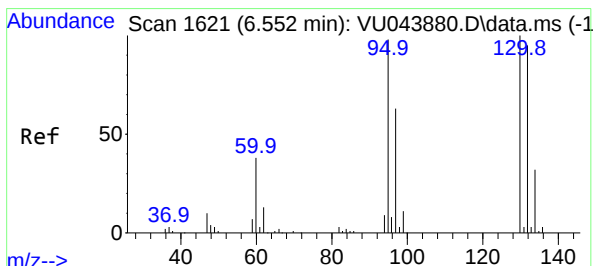
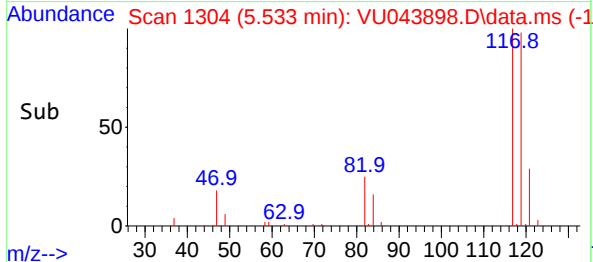
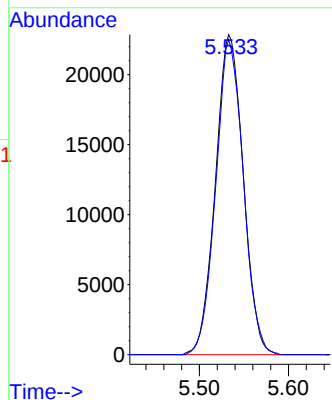
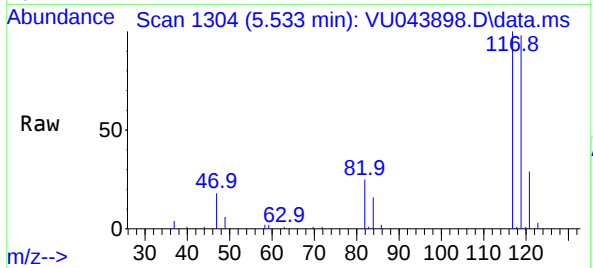




#31
Carbon tetrachloride
Concen: 2.68 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

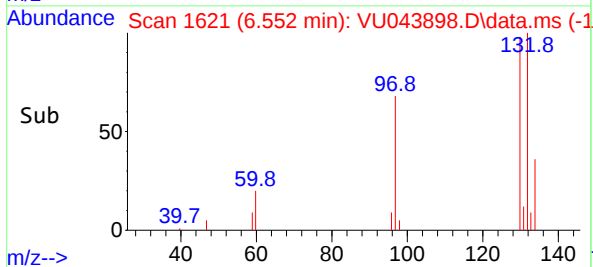
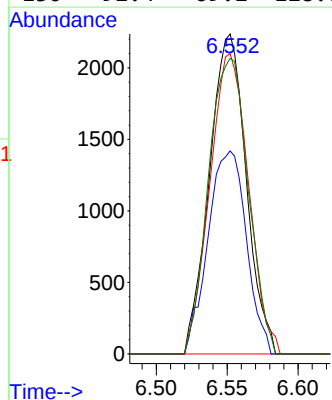
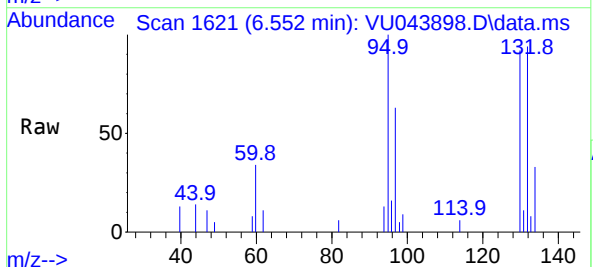
Instrument :
MSVOA_U
ClientSampled :
C0GK2

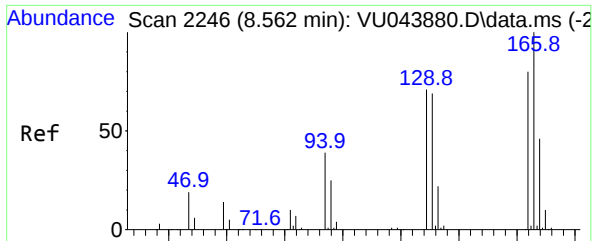
Tgt Ion:117 Resp: 49620
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0



#34
Trichloroethene
Concen: 0.26 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Tgt Ion: 95 Resp: 4040
Ion Ratio Lower Upper
95 100
97 63.4 44.3 82.3
132 93.9 66.0 122.6
130 92.4 69.2 128.6





#47
Tetrachloroethene
Concen: 0.34 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Instrument :
MSVOA_U
ClientSampleId :
C0GK2

Tgt Ion:164 Resp: 4390

Ion	Ratio	Lower	Upper
164	100		
129	90.3	64.1	119.1
131	83.1	61.2	113.8
166	113.2	87.8	163.2

