

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)

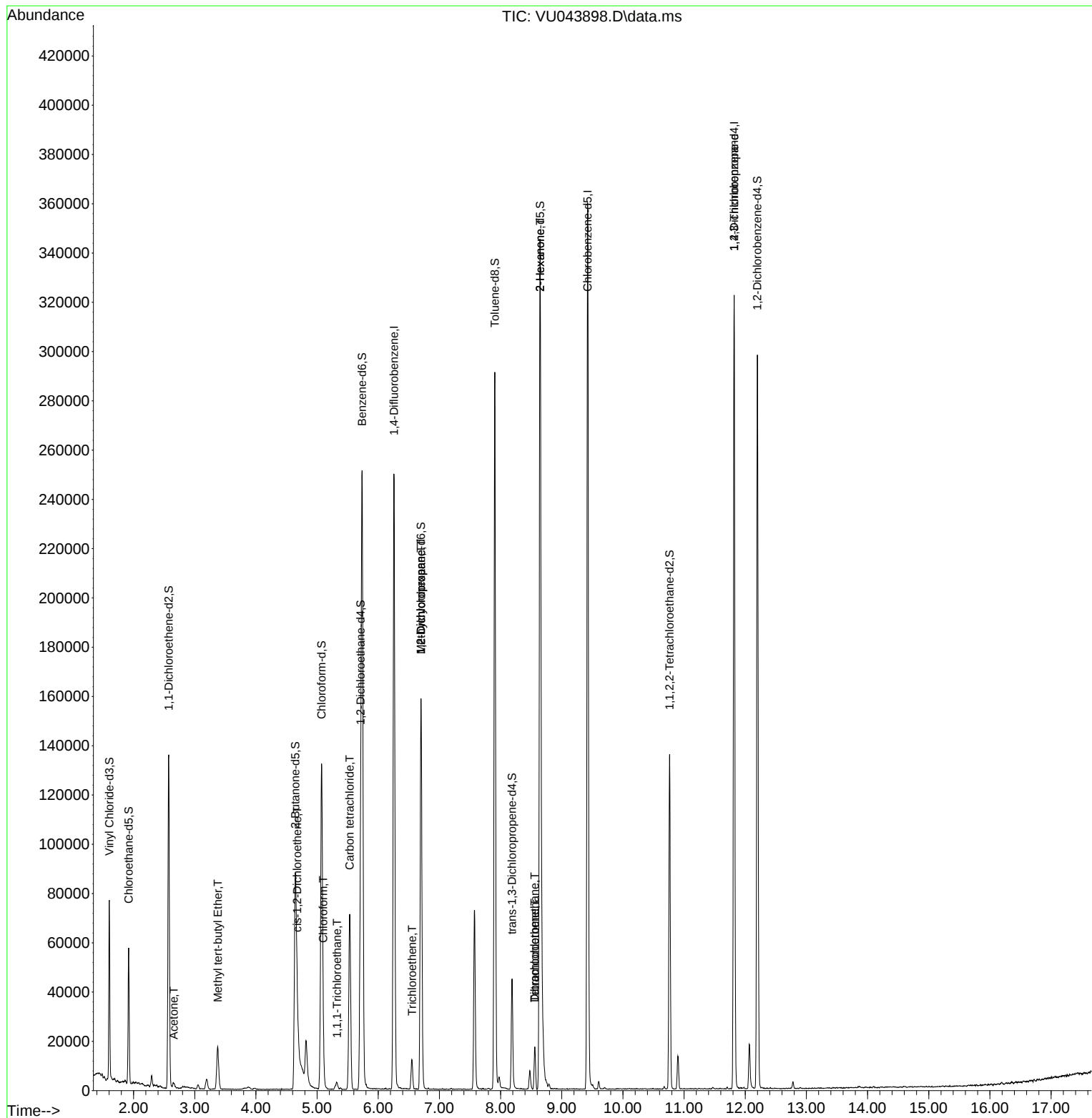
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	207417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	212261	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	93067	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51679	3.38	ug/L	0.00
Spiked Amount	5.000	Range	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
22) cis-1,2-Dichloroethene	4.674	96	2140	0.14	ug/L	91
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
35) Methylcyclohexane	6.700	83	18568	0.76	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8245	0.51	ug/L #	88
47) Tetrachloroethene	8.558	164	4390	0.34	ug/L	94
48) 2-Hexanone	8.645	43	15890	2.09	ug/L #	74
49) Dibromochloromethane	8.558	129	3901	0.30	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	9532	1.07	ug/L #	70

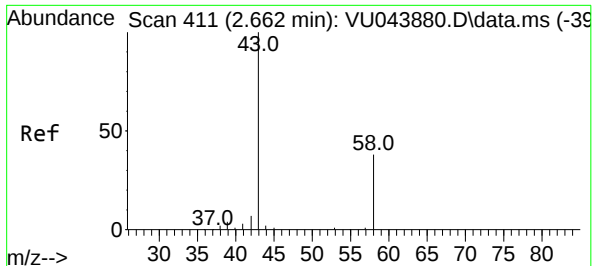
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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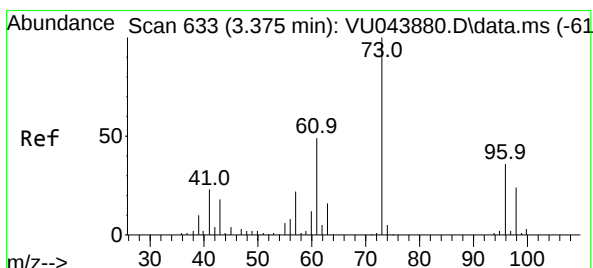
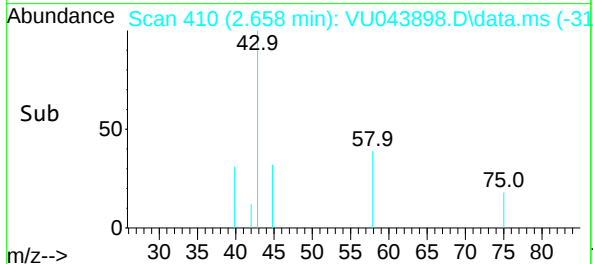
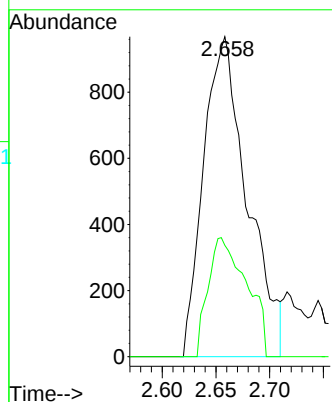
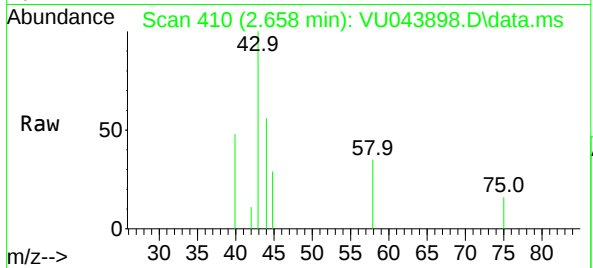




#13
Acetone
Concen: 1.48 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

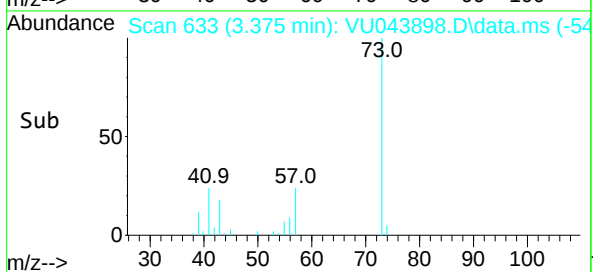
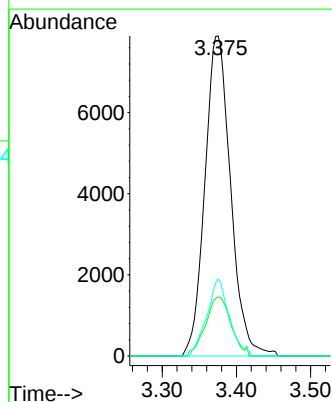
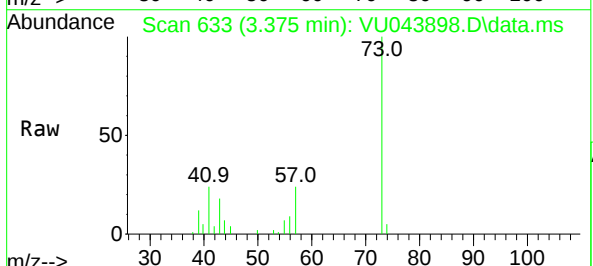
Instrument :
MSVOA_U
ClientSampled :
C0GK2

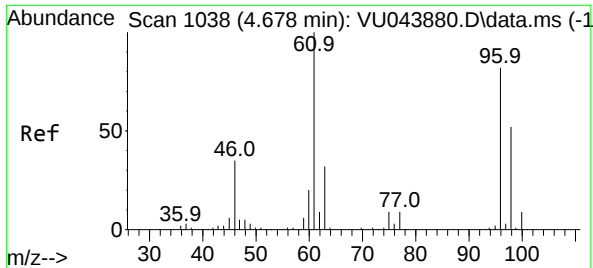
Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 32.8 0.0 71.6



#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

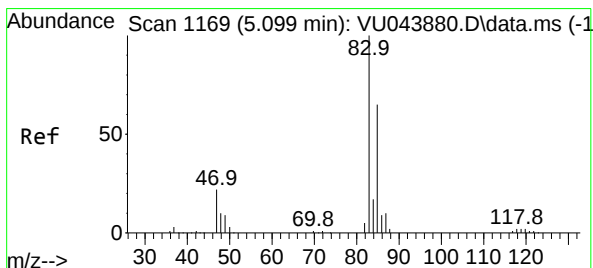
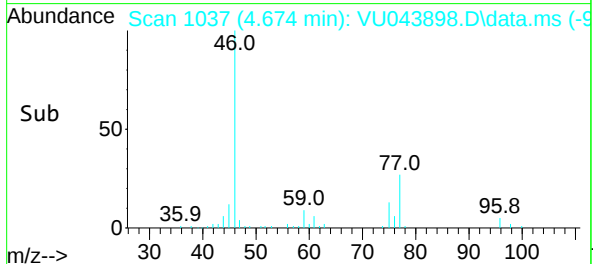
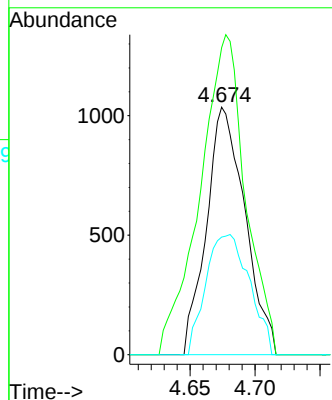
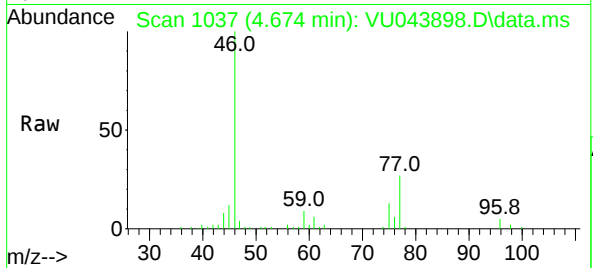




#22
cis-1,2-Dichloroethene
Concen: 0.14 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

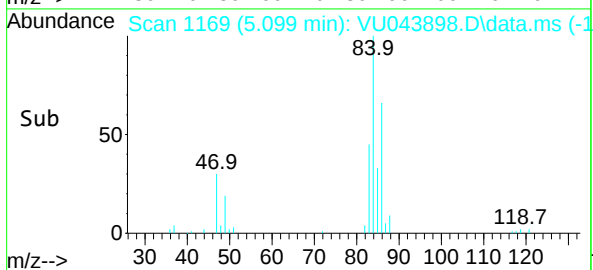
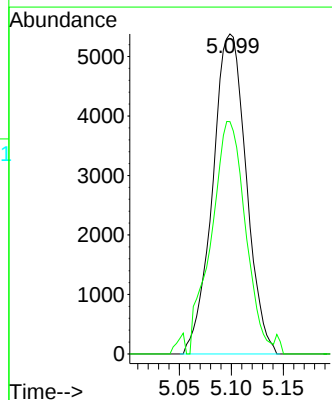
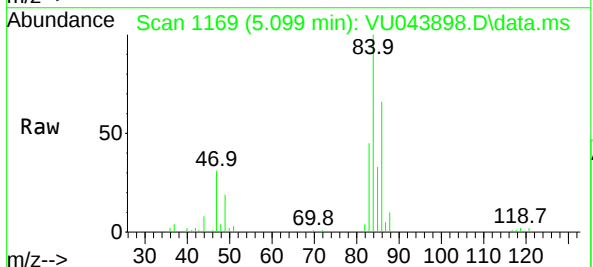
Instrument :
MSVOA_U
ClientSampleId :
C0GK2

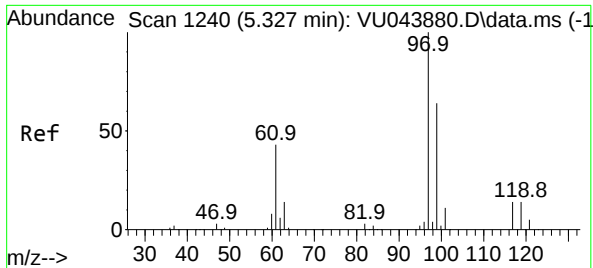
Tgt Ion: 96 Resp: 2140
Ion Ratio Lower Upper
96 100
61 124.0 89.0 165.4
98 47.5 44.9 83.3



#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

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

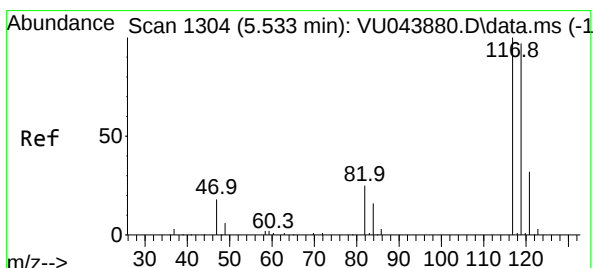
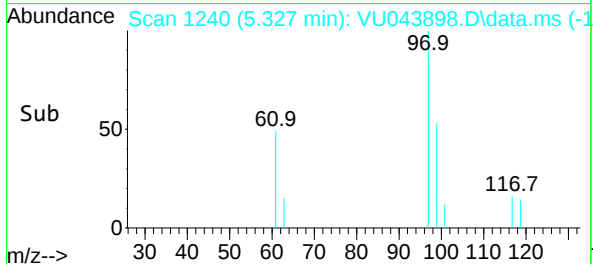
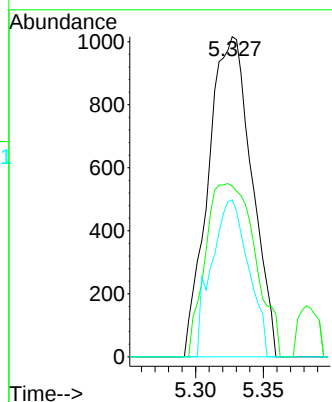
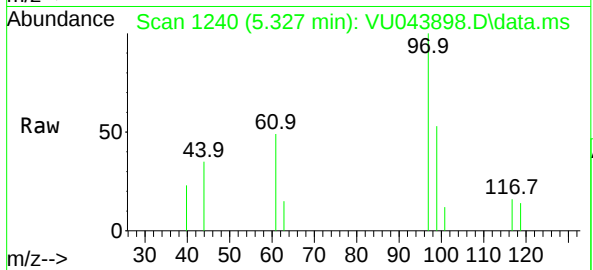




#29
1,1,1-Trichloroethane
Concen: 0.10 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

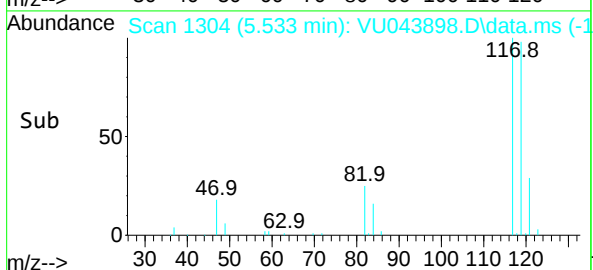
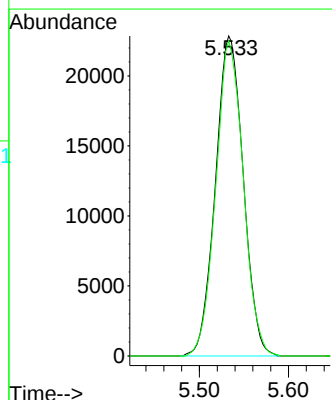
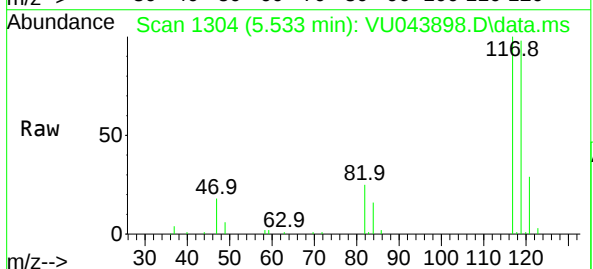
Instrument :
MSVOA_U
ClientSampled :
C0GK2

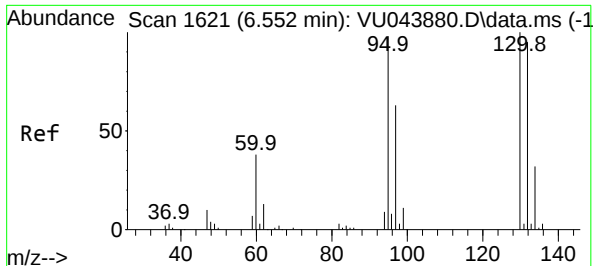
Tgt Ion:	97	Resp:	2264
Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.1	76.7
61	41.6	37.0	55.4



#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

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



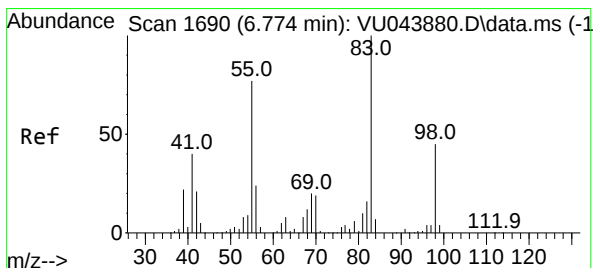
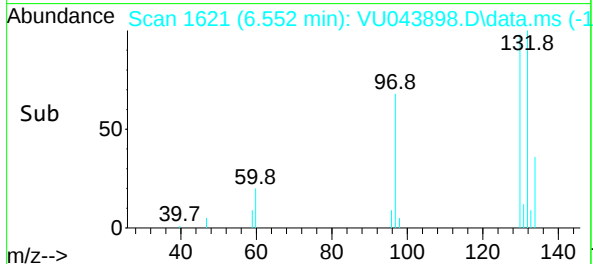
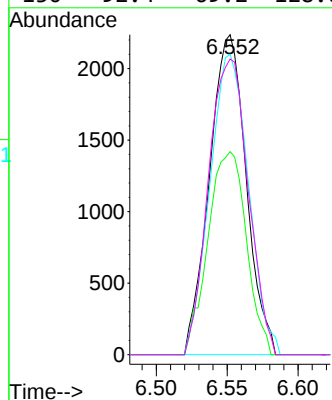
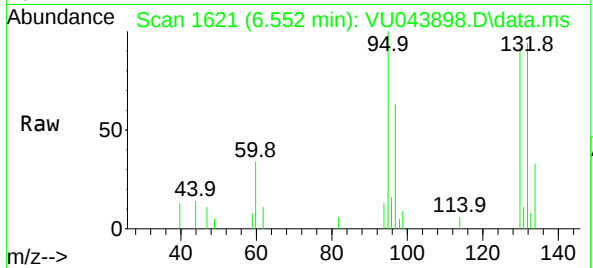


#34
Trichloroethene
Concen: 0.26 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Instrument :
MSVOA_U
ClientSampled :
C0GK2

Tgt Ion: 95 Resp: 4040

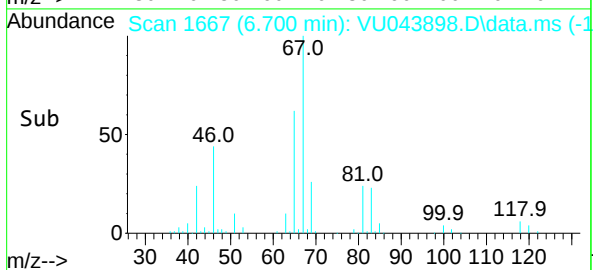
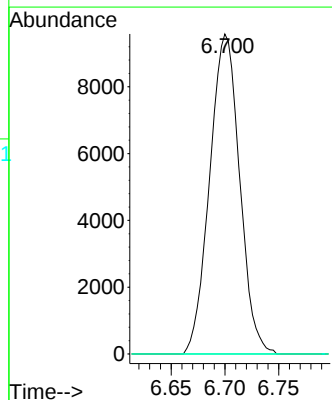
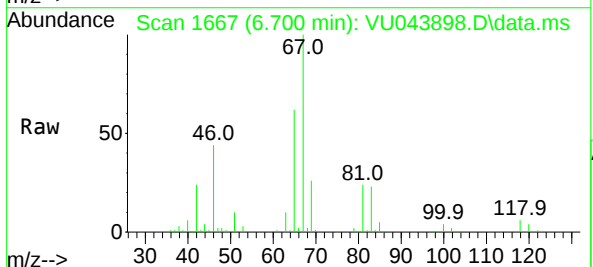
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.3	82.3
132	93.9	66.0	122.6
130	92.4	69.2	128.6

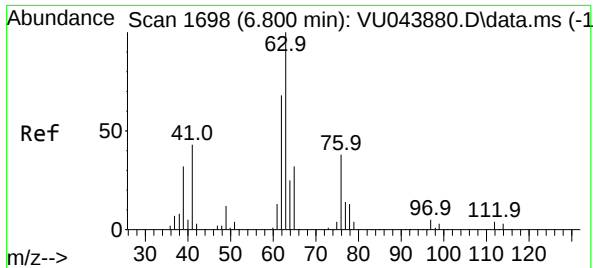


#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Tgt Ion: 83 Resp: 18568

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	1.1	35.9	53.9#

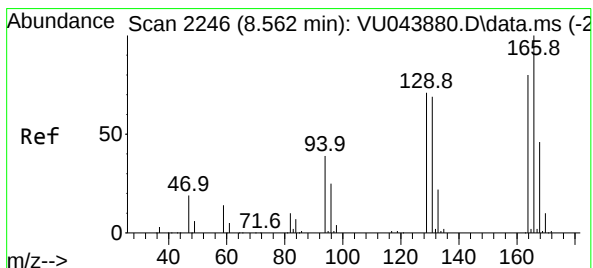
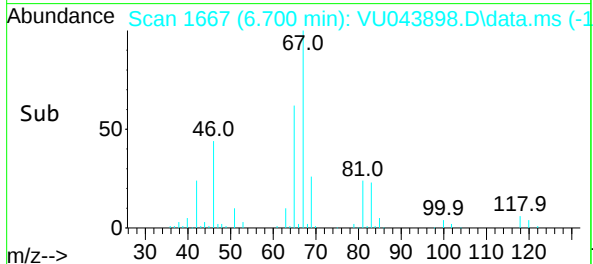
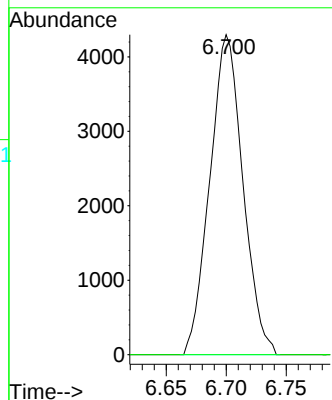
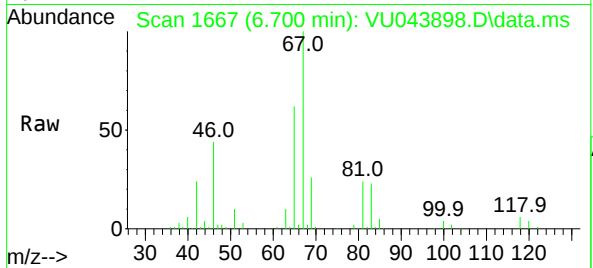




#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

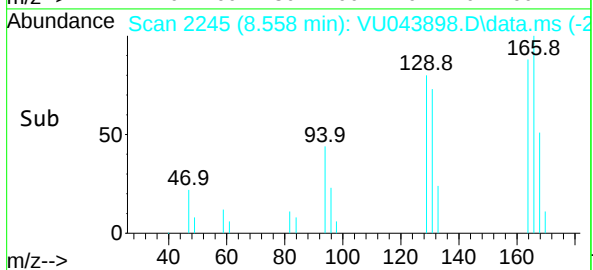
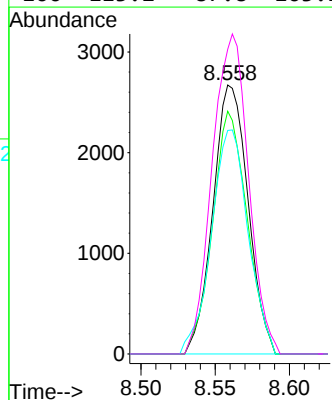
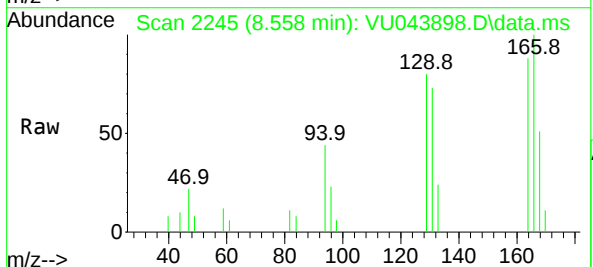
Instrument :
MSVOA_U
ClientSampled :
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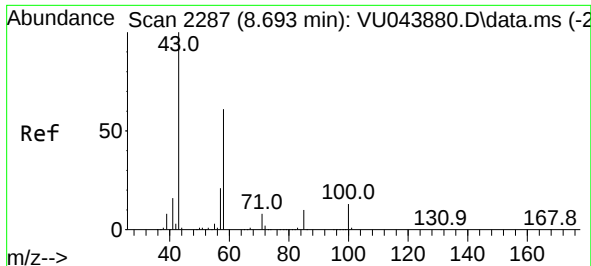
Tgt Ion: 63 Resp: 8245
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#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

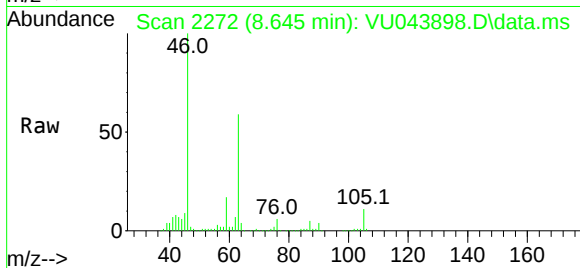
Tgt Ion: 164 Resp: 4390
Ion Ratio Lower Upper
164 100
129 90.3 64.1 119.1
131 83.1 61.2 113.8
166 113.2 87.8 163.2



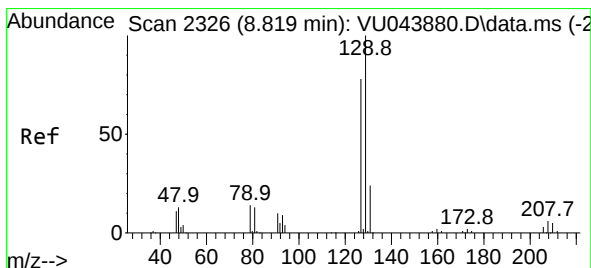
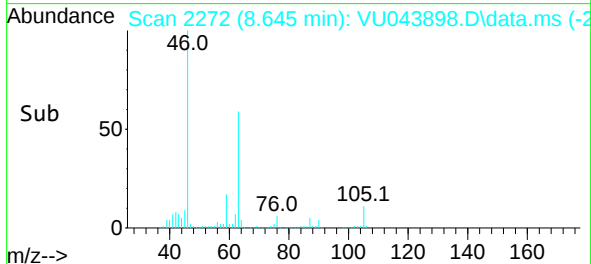
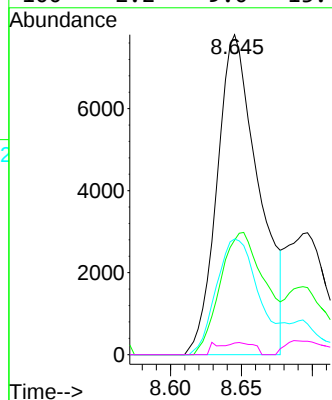


#48
2-Hexanone
Concen: 2.09 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

Instrument :
MSVOA_U
ClientSampled :
C0GK2

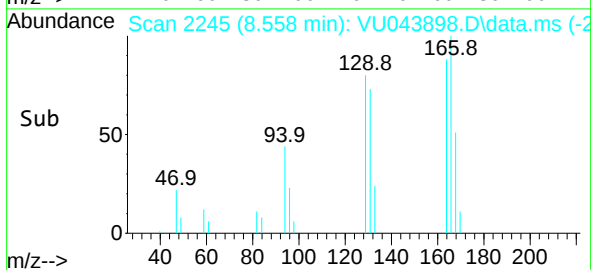
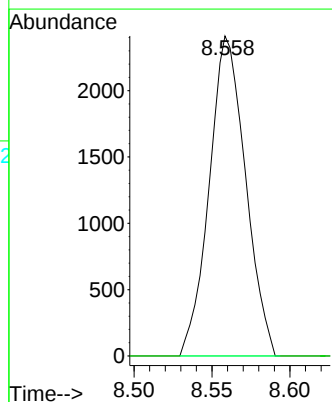
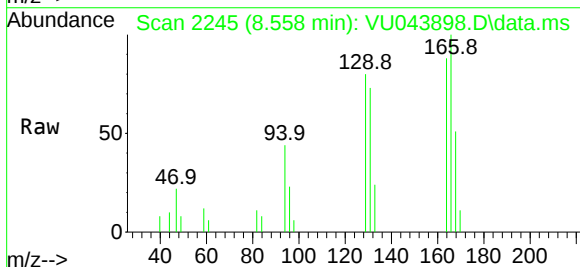


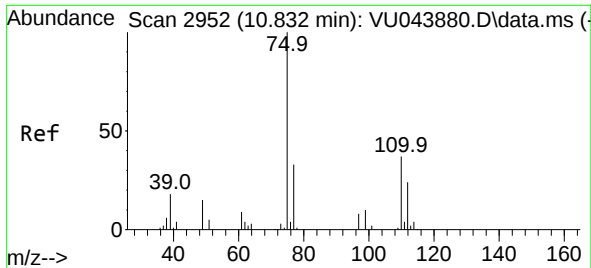
Tgt Ion: 43 Resp: 15890
Ion Ratio Lower Upper
43 100
58 41.3 47.0 70.4#
57 36.9 15.8 23.8#
100 2.2 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.30 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043898.D
Acq: 21 May 2021 18:46

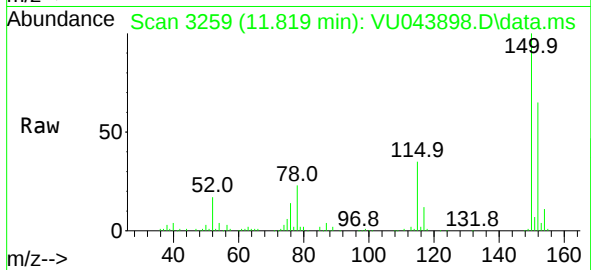
Tgt Ion: 129 Resp: 3901
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.07 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043898.D
 Acq: 21 May 2021 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK2



Tgt Ion: 75 Resp: 9532
 Ion Ratio Lower Upper
 75 100
 110 1.3 27.9 41.9#
 77 32.2 25.9 38.9

