

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043902.D
 Acq On : 21 May 2021 20:22
 Operator : SY/MD
 Sample : M2459-06DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK8DL

Quant Time: May 22 00:56:34 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)

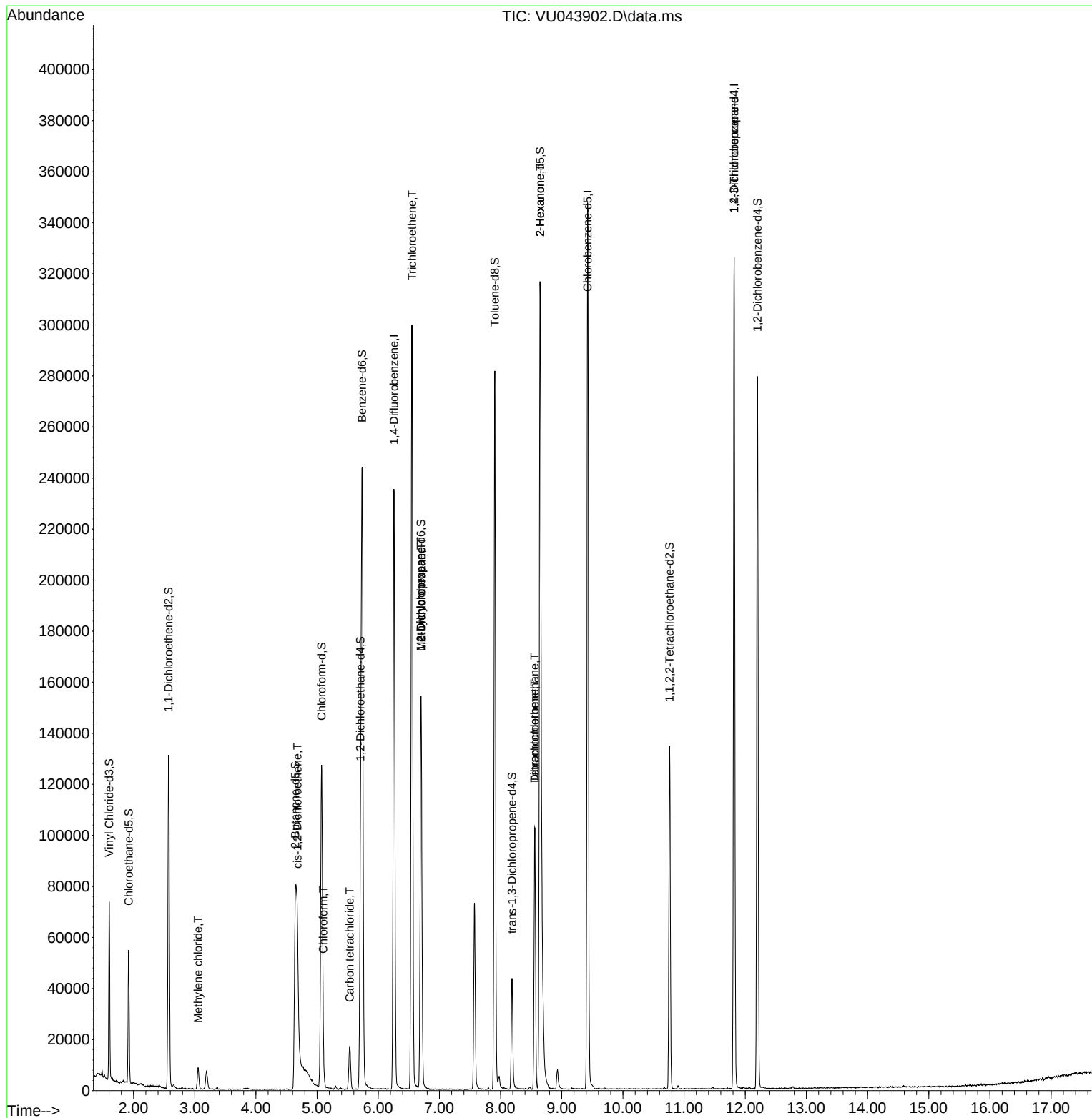
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	197428	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	206840	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	91517	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	50077	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.919	69	37761	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.571	65	24303	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.645	46	139737	50.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.96%
24) Chloroform-d	5.073	84	118877	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.710	65	62415	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.735	84	233433	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.700	67	78461	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.906	98	193834	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloroprop...	8.185	79	26226	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.645	63	137195	49.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.02%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68825	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	79753	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4241	0.22	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	17075	1.19	ug/L	96
25) Chloroform	5.099	83	6417	0.26	ug/L	95
31) Carbon tetrachloride	5.533	117	11776	0.65	ug/L	100
34) Trichloroethene	6.552	95	104595	6.81	ug/L	96
35) Methylcyclohexane	6.700	83	17987	0.75	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	8273	0.53	ug/L #	88
47) Tetrachloroethene	8.558	164	24862	2.00	ug/L	99
48) 2-Hexanone	8.645	43	15356	2.07	ug/L #	37
49) Dibromochloromethane	8.558	129	22770	1.81	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	9874	1.13	ug/L #	69

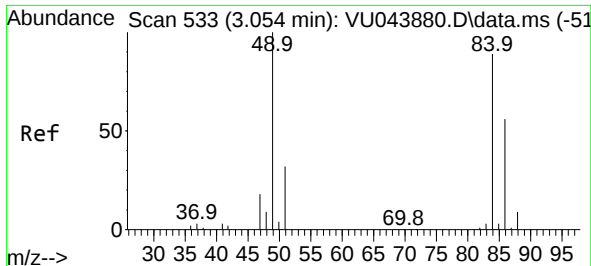
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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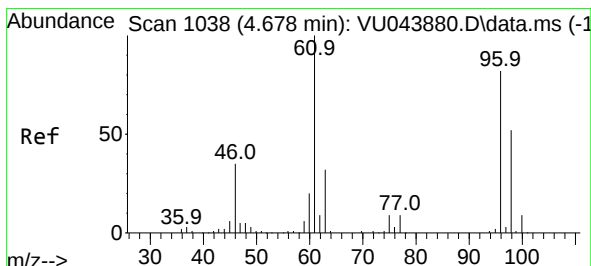
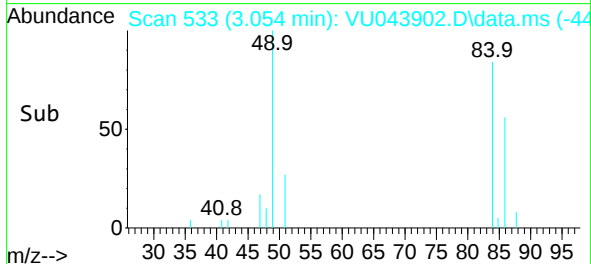
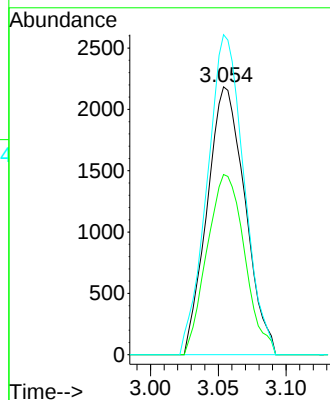
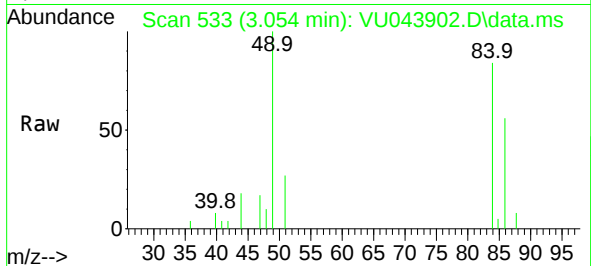




#16
Methylene chloride
Concen: 0.22 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22

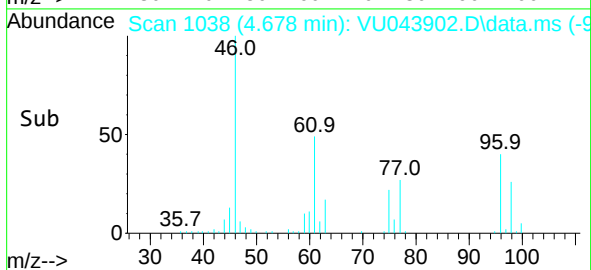
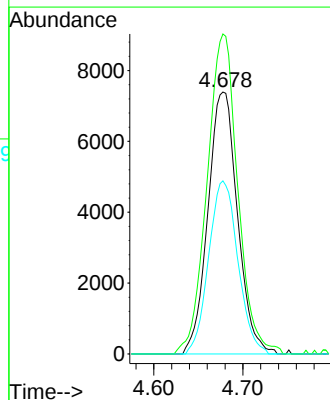
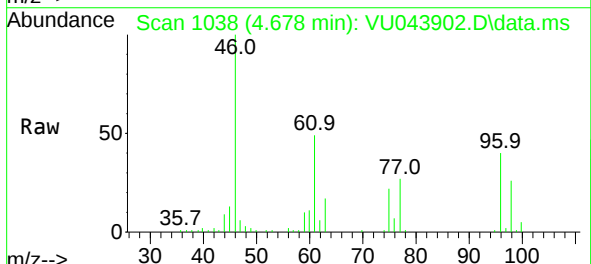
Instrument :
MSVOA_U
ClientSampleId :
C0GK8DL

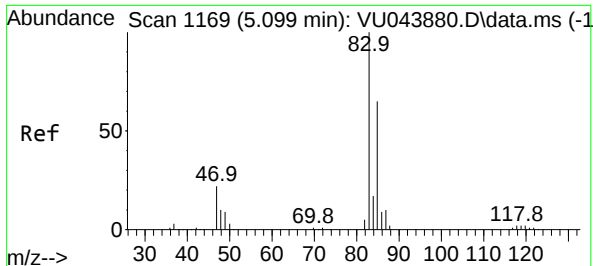
Tgt Ion: 84 Resp: 4241
Ion Ratio Lower Upper
84 100
86 67.3 44.7 82.9
49 119.5 83.1 154.3



#22
cis-1,2-Dichloroethene
Concen: 1.19 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22

Tgt Ion: 96 Resp: 17075
Ion Ratio Lower Upper
96 100
61 122.2 89.0 165.4
98 66.1 44.9 83.3

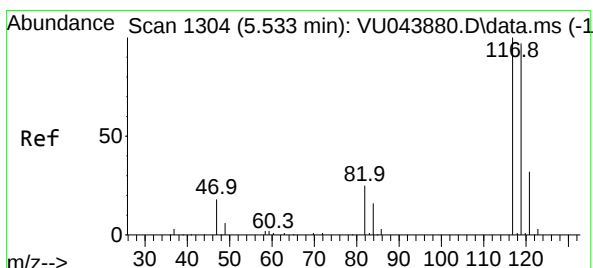
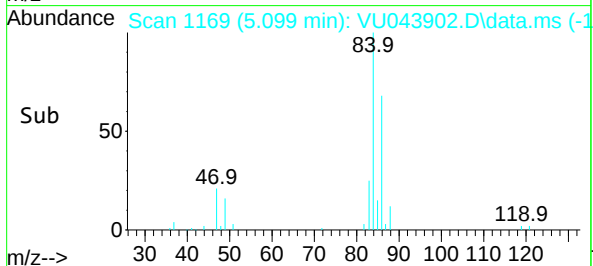
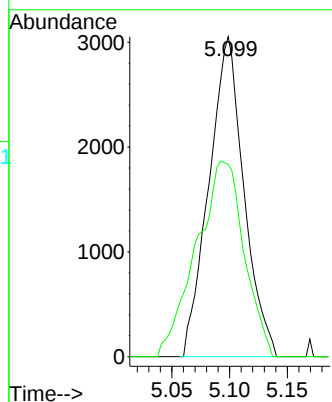
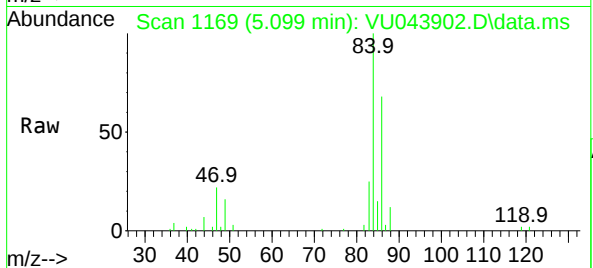




#25
Chloroform
Concen: 0.26 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22

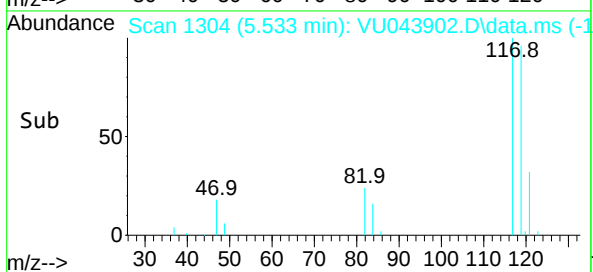
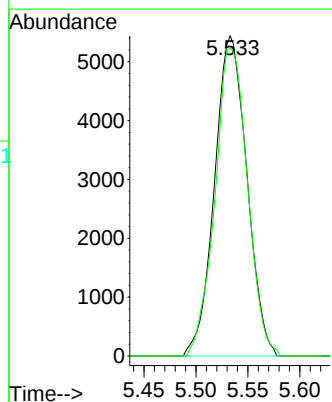
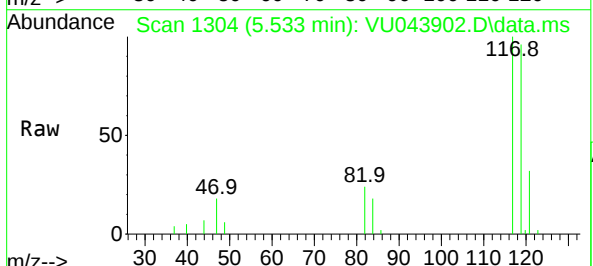
Instrument :
MSVOA_U
ClientSampleId :
C0GK8DL

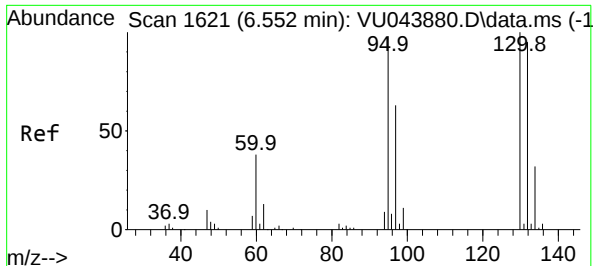
Tgt Ion: 83 Resp: 6417
Ion Ratio Lower Upper
83 100
85 60.1 45.0 83.6



#31
Carbon tetrachloride
Concen: 0.65 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22

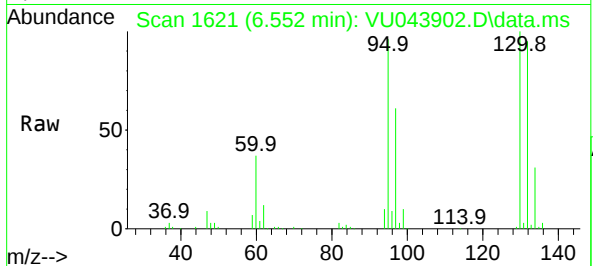
Tgt Ion: 117 Resp: 11776
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0



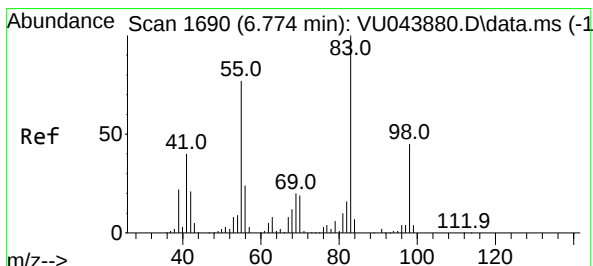
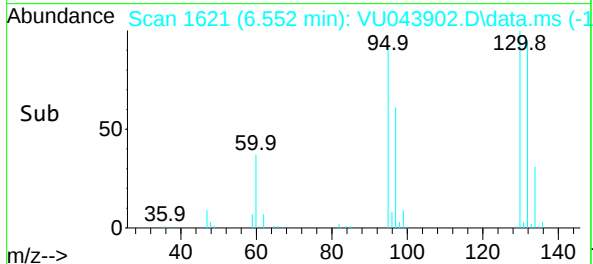
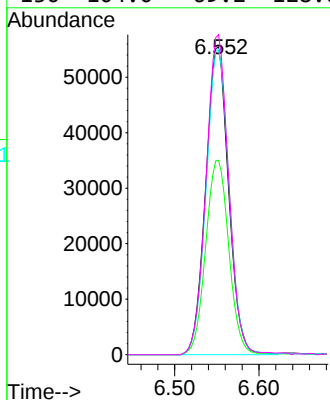


#34
Trichloroethene
Concen: 6.81 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22

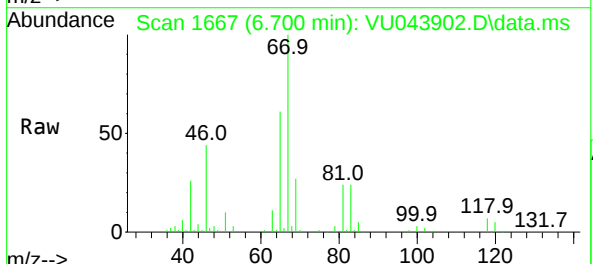
Instrument :
MSVOA_U
ClientSampleId :
C0GK8DL



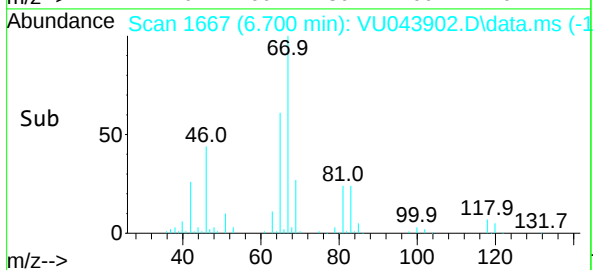
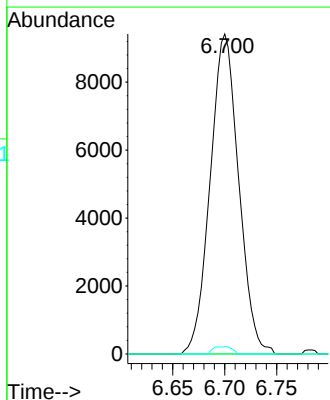
Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.3	82.3
132	99.3	66.0	122.6
130	104.0	69.2	128.6

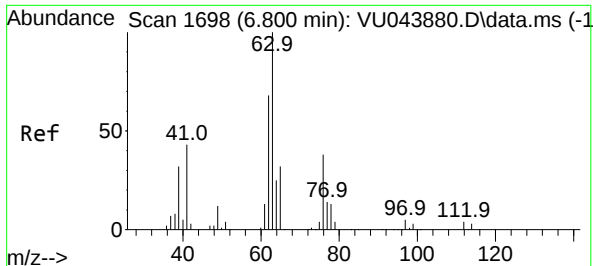


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22



Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	1.5	35.9	53.9#





#37

1,2-Dichloropropane

Concen: 0.53 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.100 min

Lab File: VU043902.D

Acq: 21 May 2021 20:22

Tgt Ion: 63 Resp: 8273

Ion Ratio Lower Upper

63 100

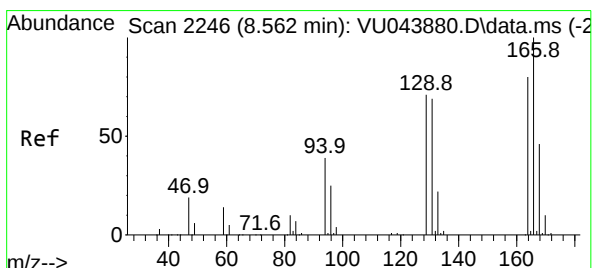
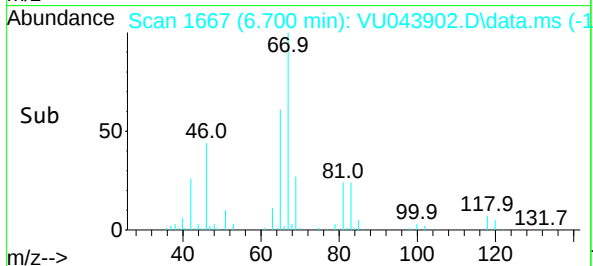
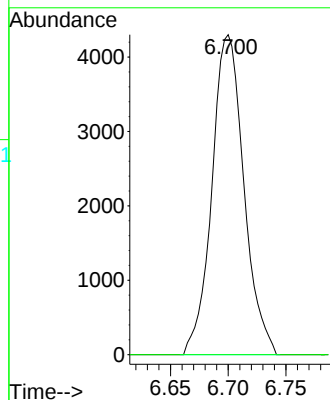
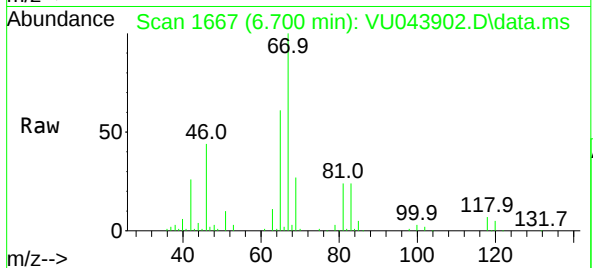
112 0.0 3.3 4.9#

Instrument :

MSVOA_U

ClientSampleId :

C0GK8DL



#47

Tetrachloroethene

Concen: 2.00 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043902.D

Acq: 21 May 2021 20:22

Tgt Ion: 164 Resp: 24862

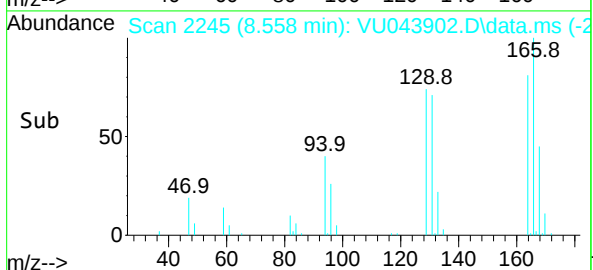
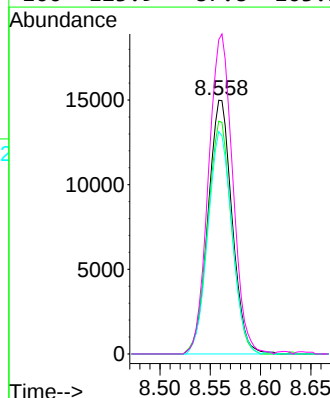
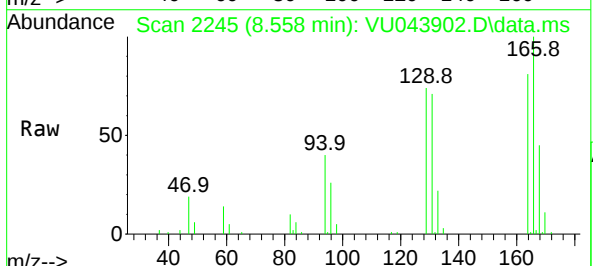
Ion Ratio Lower Upper

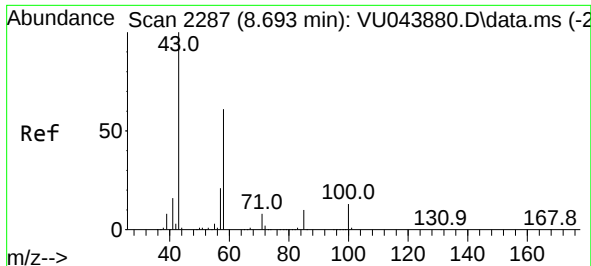
164 100

129 91.8 64.1 119.1

131 87.7 61.2 113.8

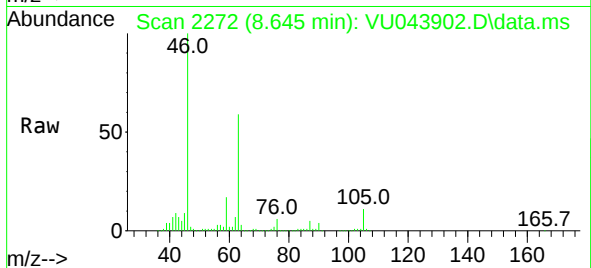
166 123.9 87.8 163.2



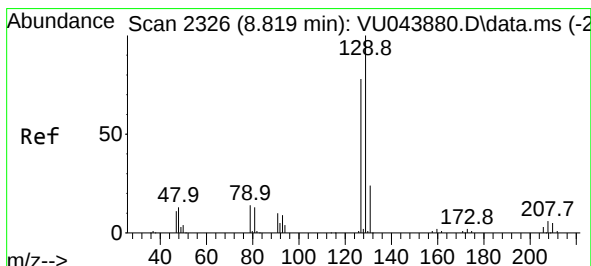
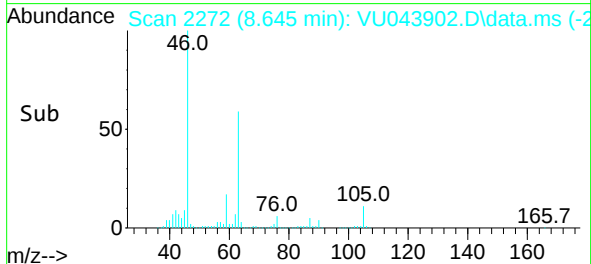
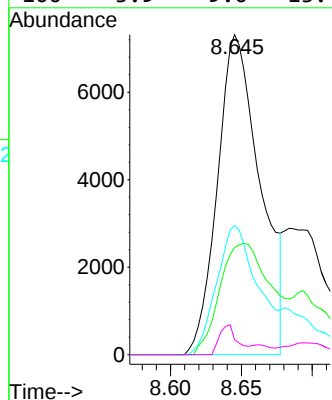


#48
2-Hexanone
Concen: 2.07 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22

Instrument :
MSVOA_U
ClientSampleId :
C0GK8DL

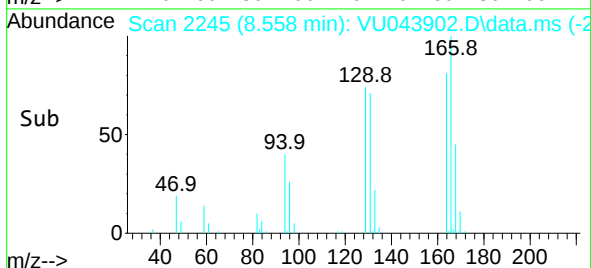
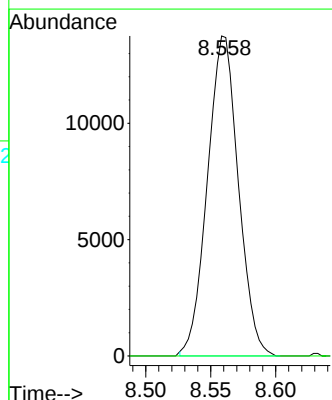
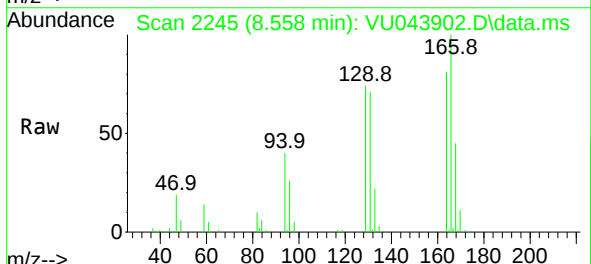


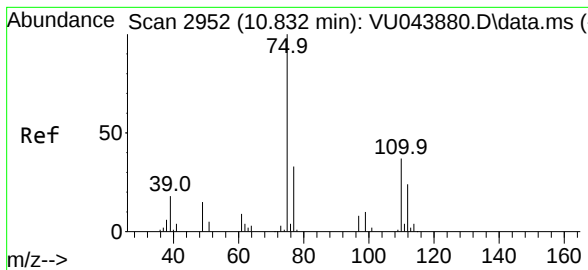
Tgt Ion: 43	Resp: 15356
Ion Ratio	Lower Upper
43	100
58	0.0 47.0 70.4#
57	39.6 15.8 23.8#
100	3.9 9.0 13.4#



#49
Dibromochloromethane
Concen: 1.81 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043902.D
Acq: 21 May 2021 20:22

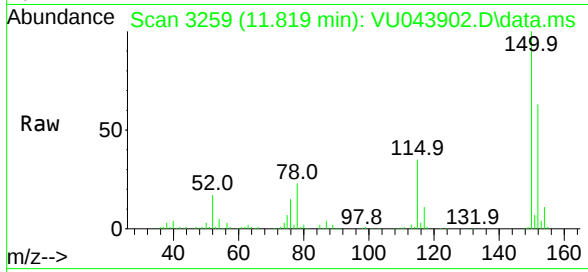
Tgt Ion: 129	Resp: 22770
Ion Ratio	Lower Upper
129	100
127	0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.13 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043902.D
 Acq: 21 May 2021 20:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK8DL



Tgt Ion: 75 Resp: 9874
 Ion Ratio Lower Upper
 75 100
 110 1.6 27.9 41.9#
 77 30.5 25.9 38.9

