

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043865.D
 Acq On : 20 May 2021 15:14
 Operator : SY/MD
 Sample : M2459-06DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK8DL

Quant Time: May 21 01:18:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

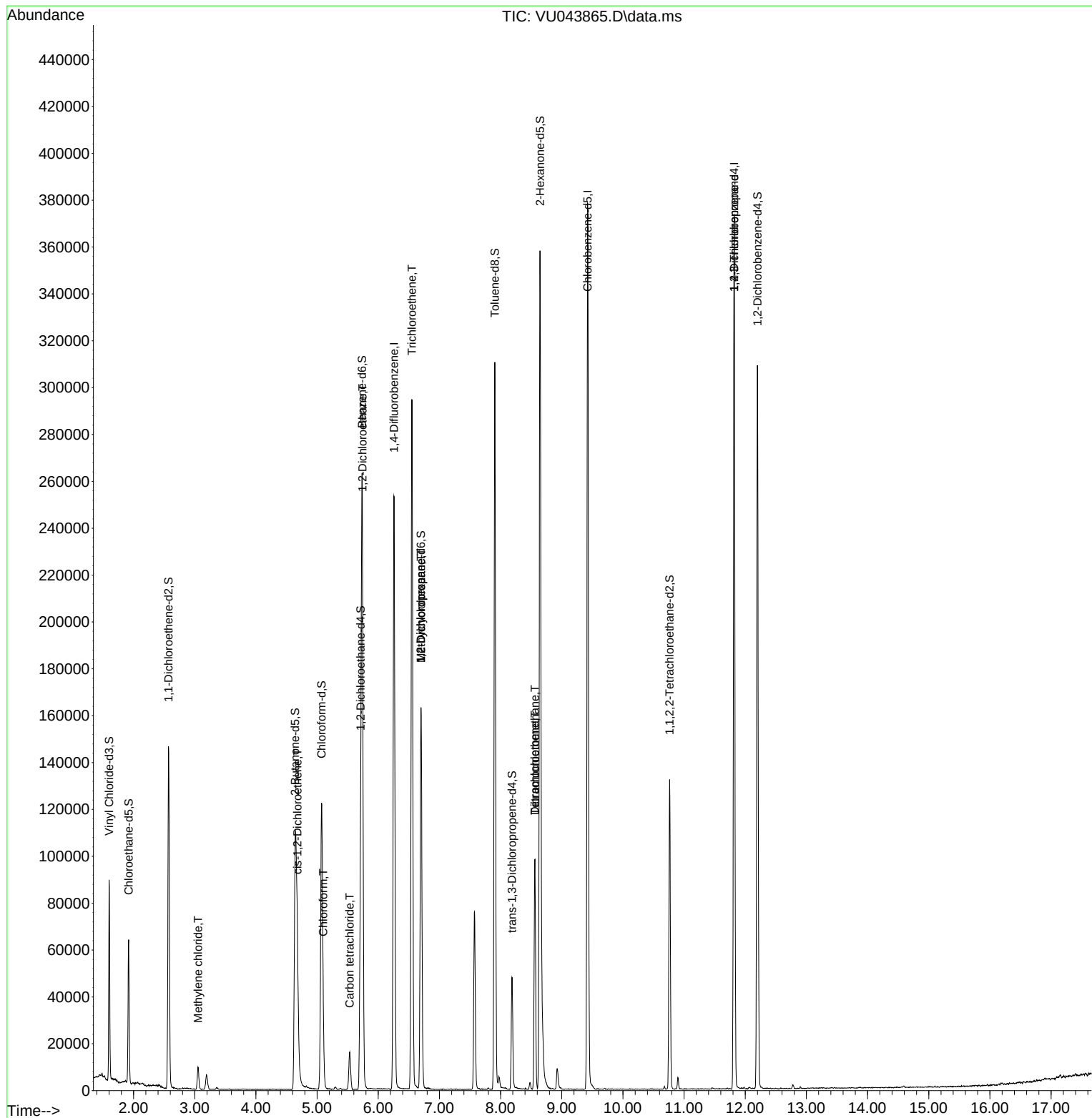
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	214107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	222767	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	105058	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	60277	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.919	69	44005	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.571	65	27487	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.642	46	170041	56.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.30%
24) Chloroform-d	5.073	84	112715	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.713	65	62903	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.735	84	251645	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.700	67	82515	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.906	98	210593	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.185	79	27593	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.645	63	128243	42.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	66605	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	87373	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4569	0.22	ug/L	92
22) cis-1,2-Dichloroethene	4.678	96	17267	1.11	ug/L	100
25) Chloroform	5.099	83	18774	0.71	ug/L	97
27) 1,2-Dichloroethane	5.742	62	1370	0.08	ug/L #	74
31) Carbon tetrachloride	5.533	117	11118	0.57	ug/L	100
34) Trichloroethene	6.549	95	101685	6.15	ug/L	97
35) Methylcyclohexane	6.700	83	19092	0.74	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8534	0.51	ug/L #	88
47) Tetrachloroethene	8.562	164	23797	1.78	ug/L	99
49) Dibromochloromethane	8.562	129	21976	1.63	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11262	1.12	ug/L #	69

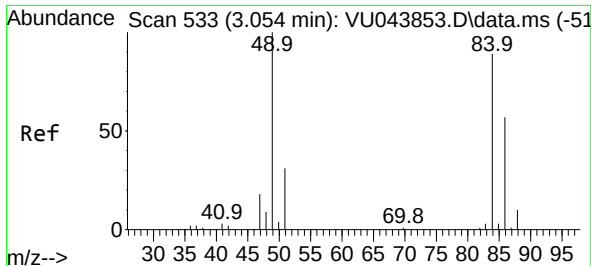
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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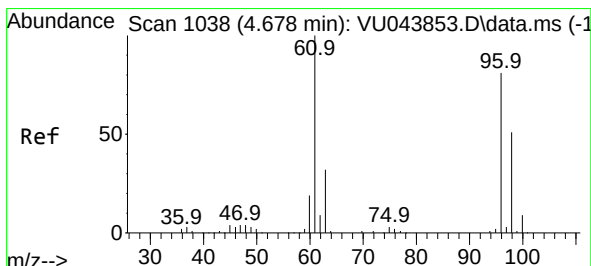
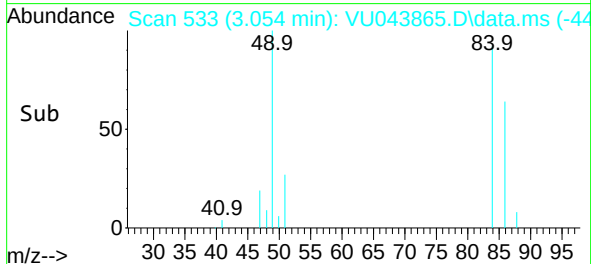
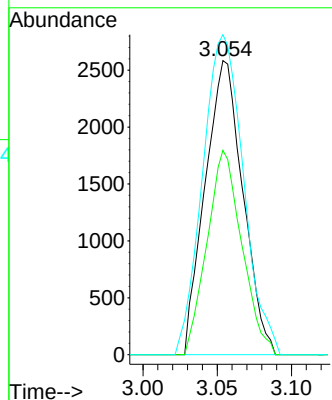
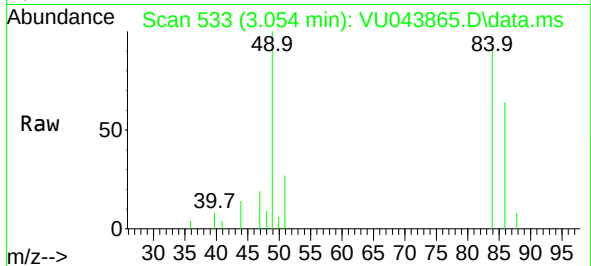




#16
Methylene chloride
Concen: 0.22 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

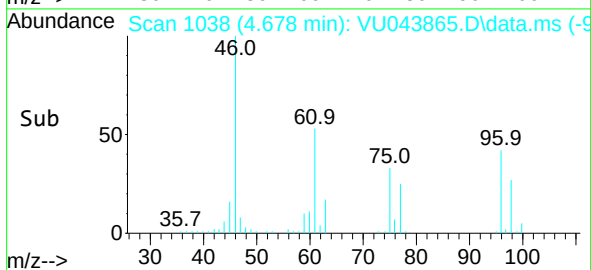
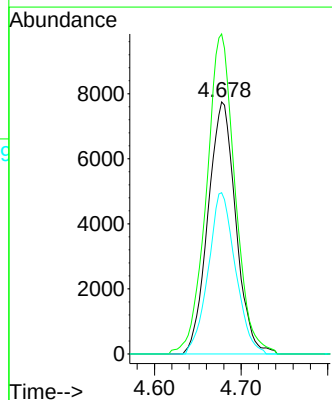
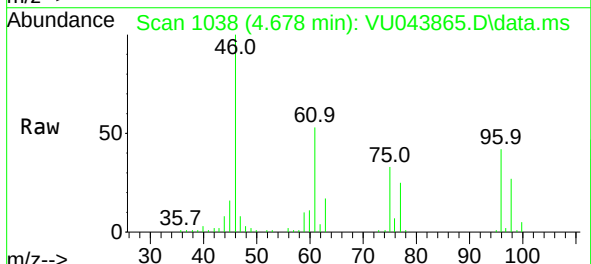
Instrument :
MSVOA_U
ClientSampleId :
C0GK8DL

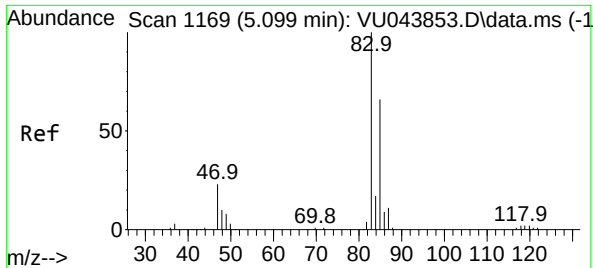
Tgt Ion: 84 Resp: 4569
Ion Ratio Lower Upper
84 100
86 69.5 44.7 82.9
49 108.8 83.1 154.3



#22
cis-1,2-Dichloroethene
Concen: 1.11 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

Tgt Ion: 96 Resp: 17267
Ion Ratio Lower Upper
96 100
61 127.0 89.0 165.4
98 64.0 44.9 83.3

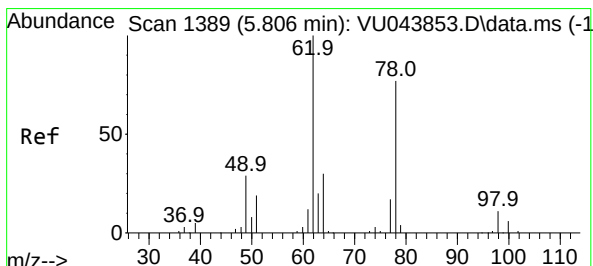
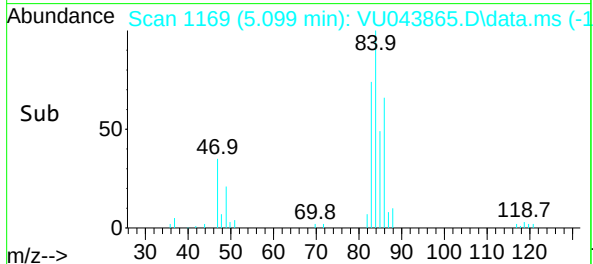
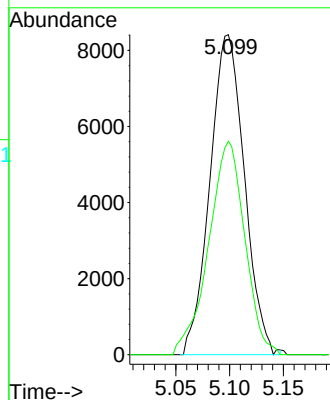
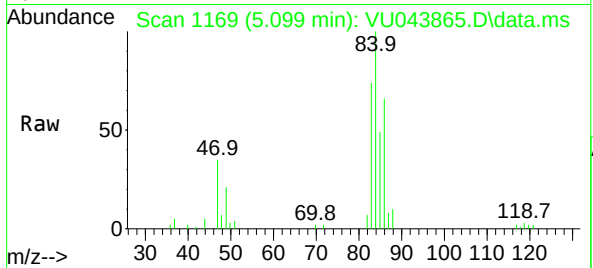




#25
Chloroform
Concen: 0.71 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

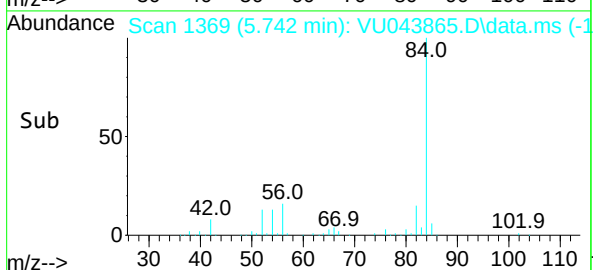
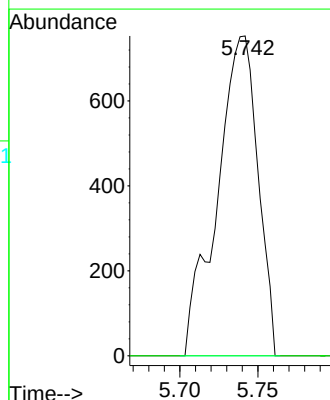
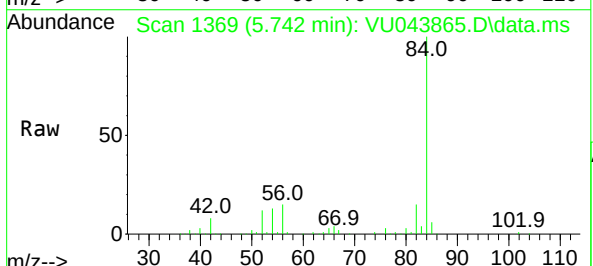
Instrument :
MSVOA_U
ClientSampleId :
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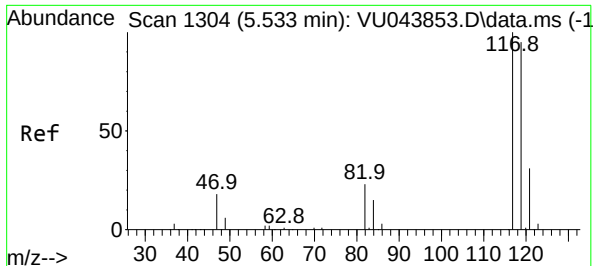
Tgt Ion: 83 Resp: 18774
Ion Ratio Lower Upper
83 100
85 66.7 45.0 83.6



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

Tgt Ion: 62 Resp: 1370
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

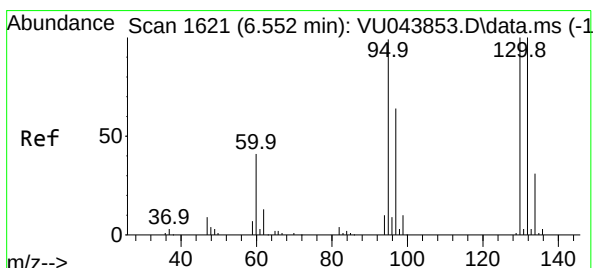
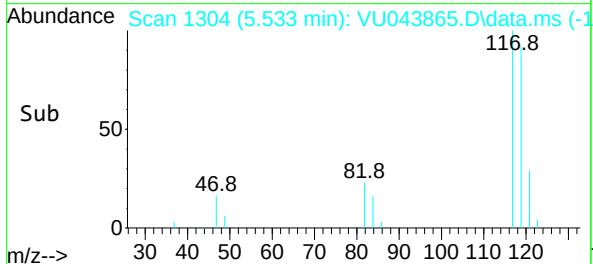
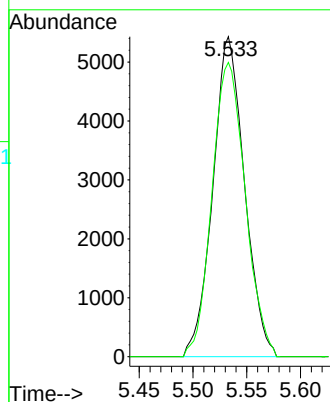
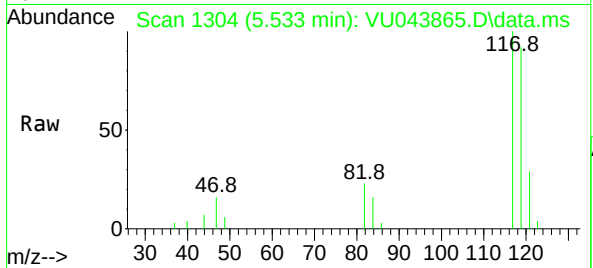




#31
Carbon tetrachloride
Concen: 0.57 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

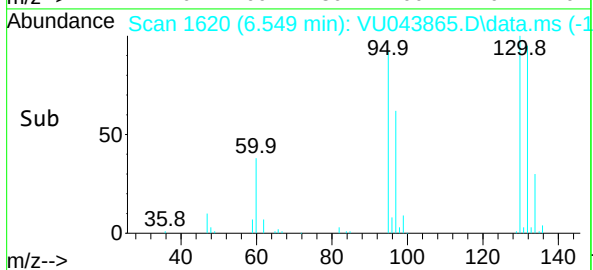
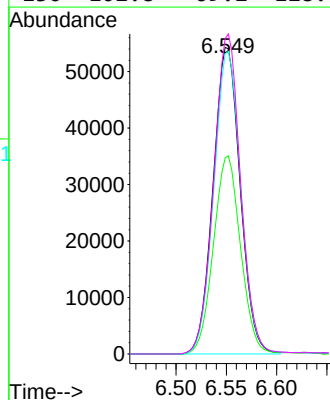
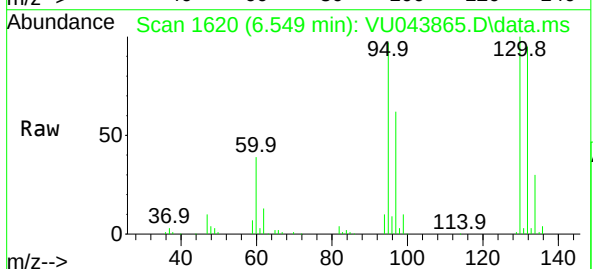
Instrument :
MSVOA_U
ClientSampleId :
C0GK8DL

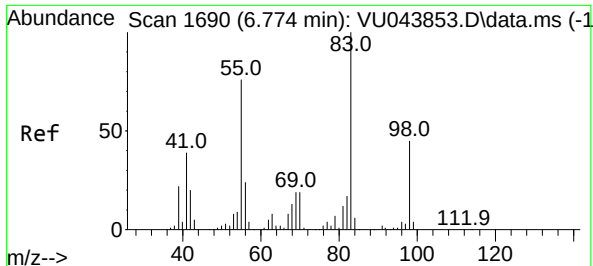
Tgt Ion:117 Resp: 11118
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



#34
Trichloroethene
Concen: 6.15 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

Tgt Ion: 95 Resp: 101685
Ion Ratio Lower Upper
95 100
97 64.0 44.3 82.3
132 97.9 66.0 122.6
130 102.8 69.2 128.6

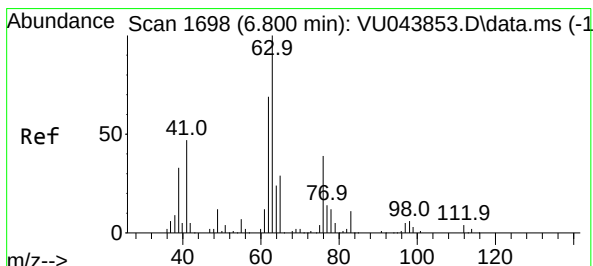
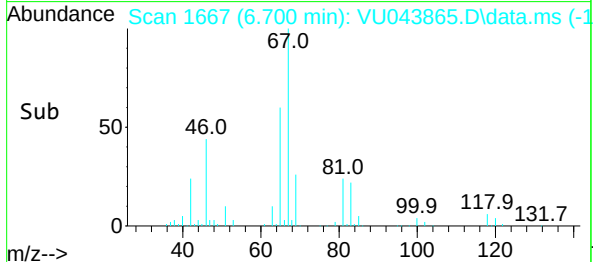
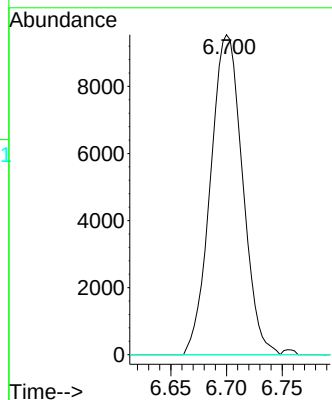
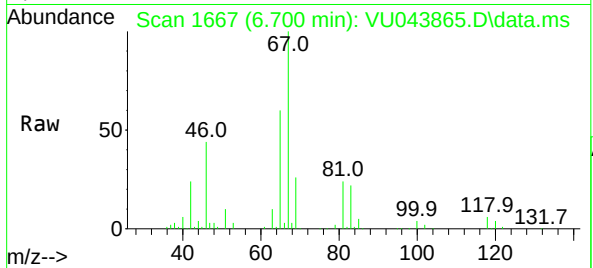




#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

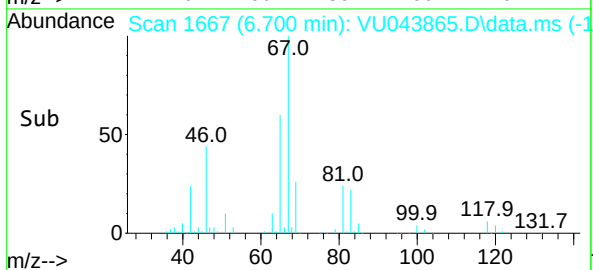
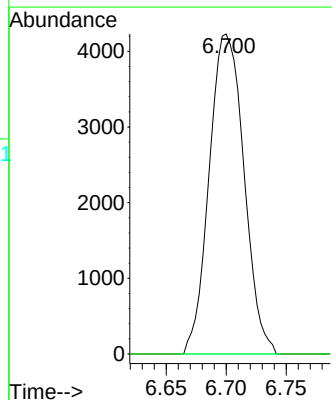
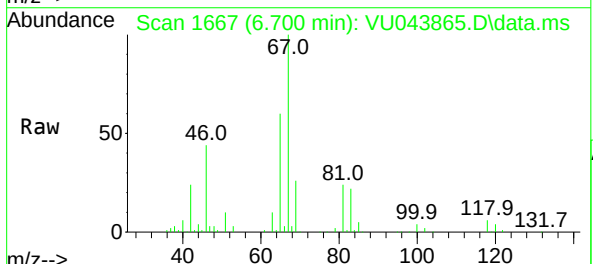
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MSVOA_U
ClientSampled :
C0GK8DL

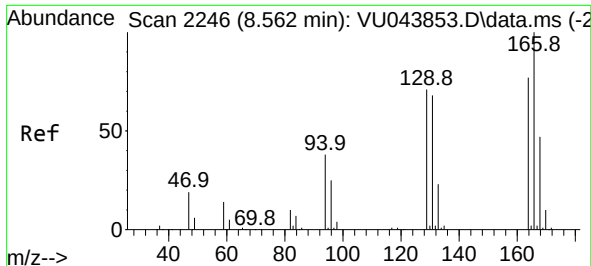
Tgt Ion: 83 Resp: 19092
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 4.7 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

Tgt Ion: 63 Resp: 8534
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

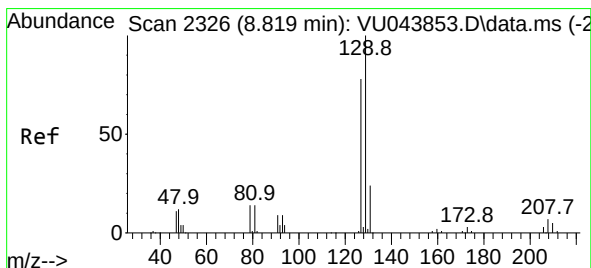
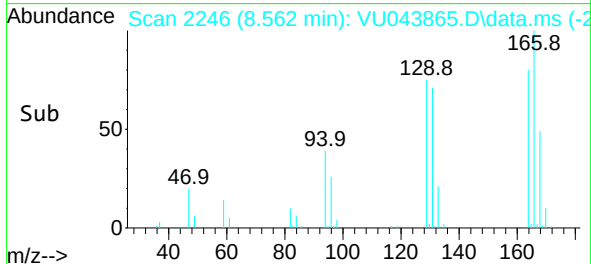
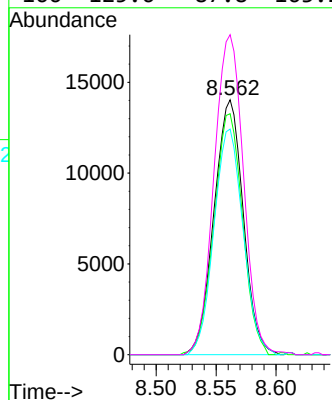
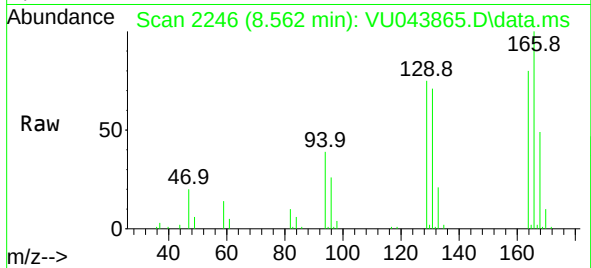




#47
Tetrachloroethene
Concen: 1.78 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

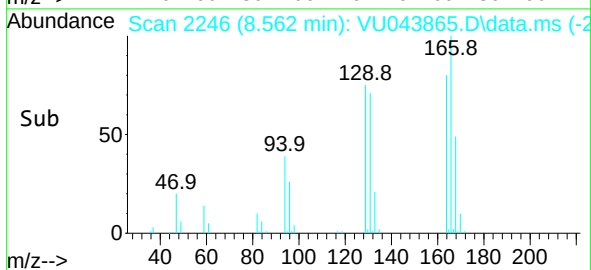
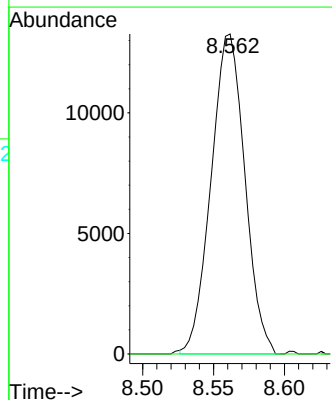
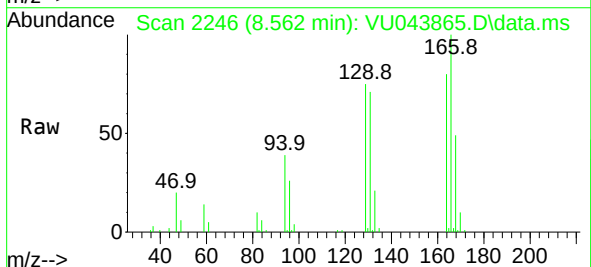
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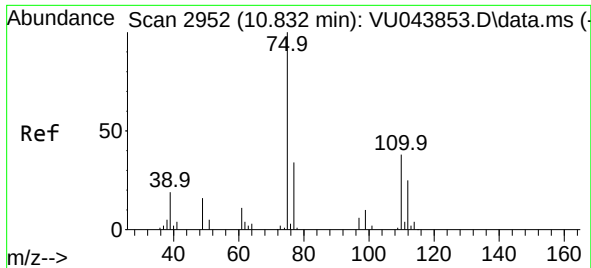
Tgt Ion:164 Resp: 23797
Ion Ratio Lower Upper
164 100
129 94.6 64.1 119.1
131 88.5 61.2 113.8
166 125.6 87.8 163.2



#49
Dibromochloromethane
Concen: 1.63 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043865.D
Acq: 20 May 2021 15:14

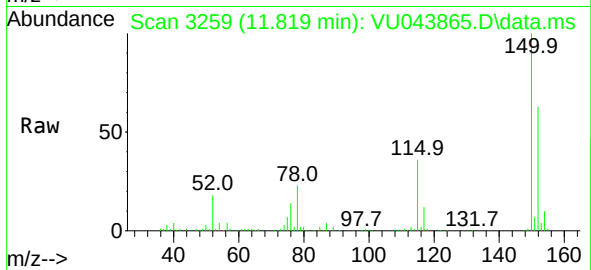
Tgt Ion:129 Resp: 21976
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.12 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043865.D
 Acq: 20 May 2021 15:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK8DL



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.1	27.9	41.9#
77	31.5	25.9	38.9

