

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042488.D
 Acq On : 04 Mar 2021 16:36
 Operator : SY/MD
 Sample : M1570-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G08

Quant Time: Mar 05 00:36:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

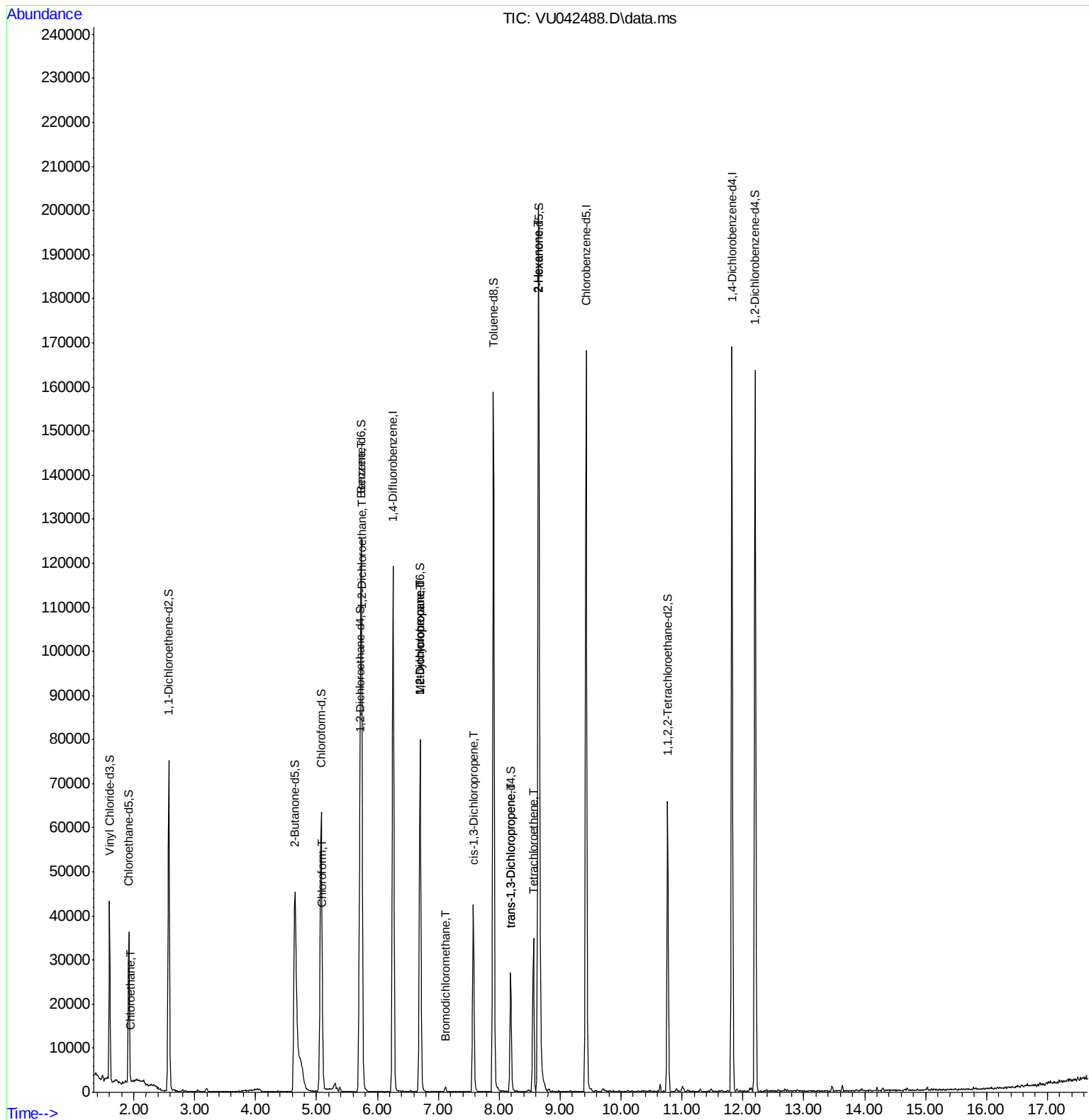
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	88425	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	41867	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28057	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.919	69	23189	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.575	63	47174	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.645	46	106678	53.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	5.076	84	56750	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.713	65	37311	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	106730	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.700	67	34753	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.906	98	100250	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	8.189	79	14362	4.40	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	76620	48.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.94%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30114	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	40657	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds						
8) Chloroethane	1.941	64	402	0.08	ug/L #	43
25) Chloroform	5.092	83	2377	0.17	ug/L	92
27) 1,2-Dichloroethane	5.745	62	376	0.04	ug/L #	75
33) Benzene	5.732	78	905	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	8093	0.69	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4242	0.57	ug/L #	87
38) Bromodichloromethane	7.118	83	911	0.09	ug/L #	94
39) cis-1,3-Dichloropropene	7.571	75	1091	0.10	ug/L #	22
44) trans-1,3-Dichloropropene	8.189	75	754	0.08	ug/L #	65
47) Tetrachloroethene	8.562	164	7558	1.21	ug/L	96
48) 2-Hexanone	8.642	43	11839	2.46	ug/L #	69

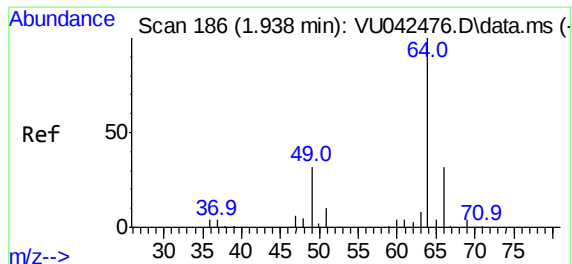
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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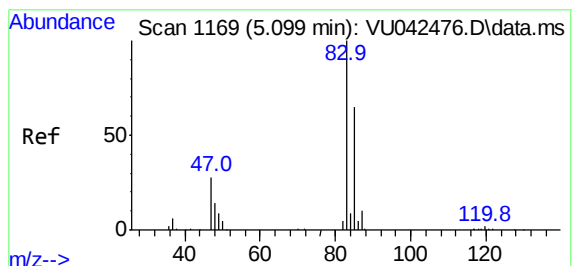
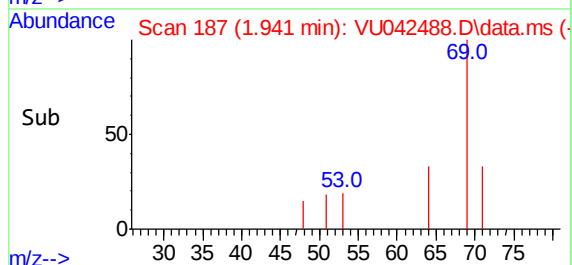
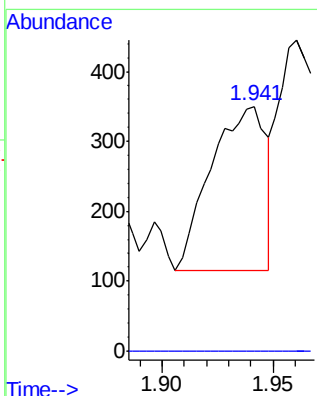
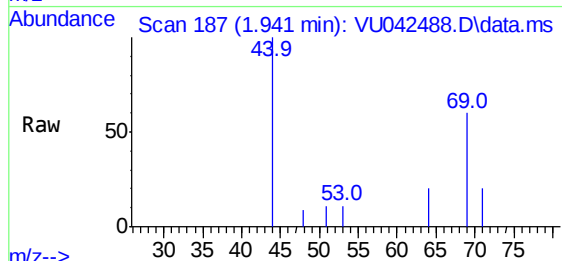




#8
Chloroethane
Concen: 0.08 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

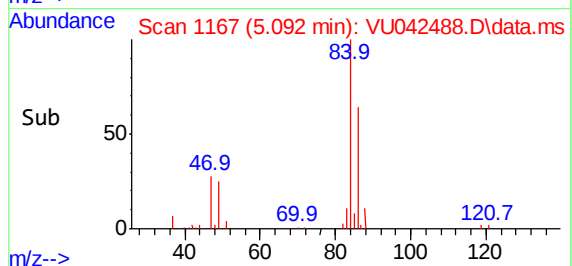
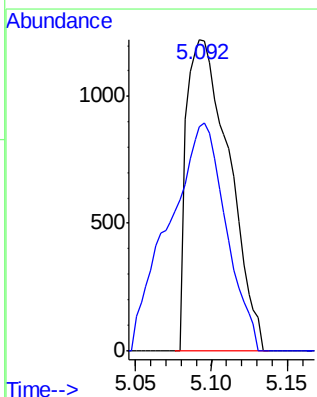
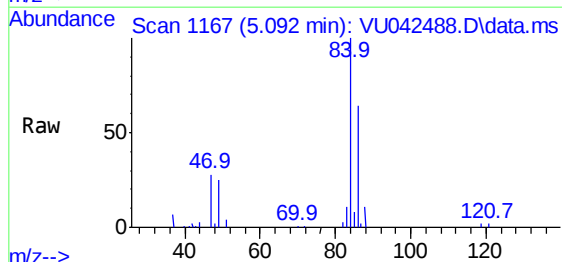
Instrument :
MSVOA_U
ClientSampled :
F1G08

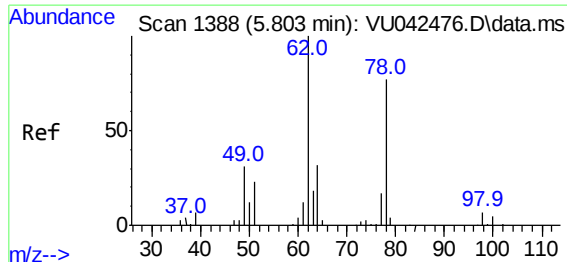
Tgt Ion: 64 Resp: 402
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#25
Chloroform
Concen: 0.17 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.007 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

Tgt Ion: 83 Resp: 2377
Ion Ratio Lower Upper
83 100
85 72.0 45.7 84.9

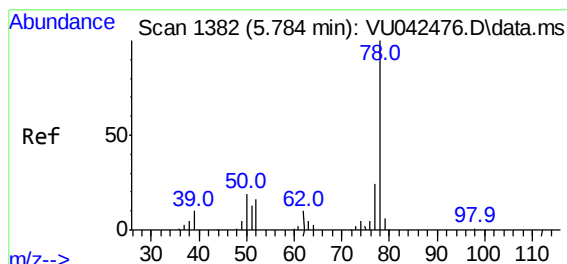
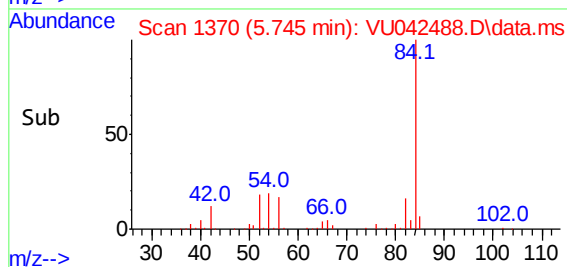
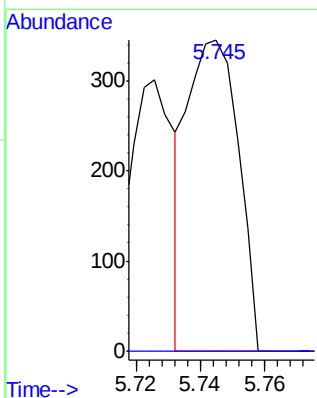
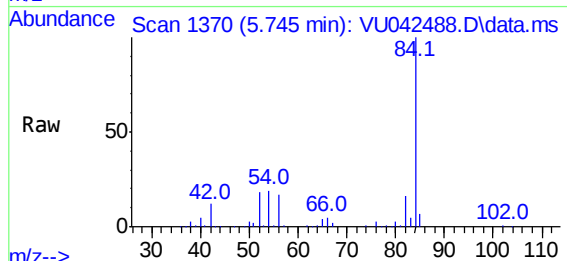




#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.058 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

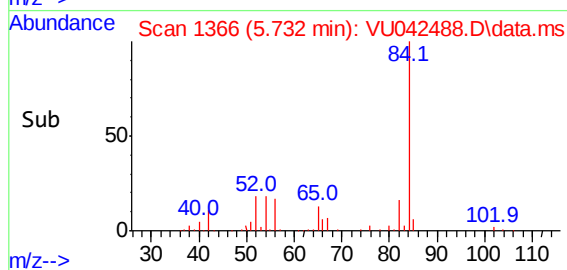
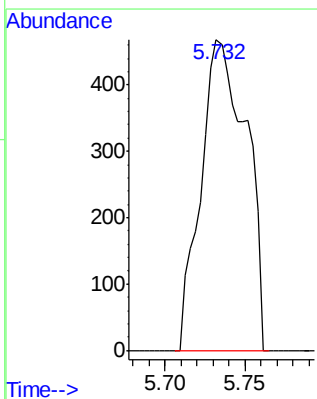
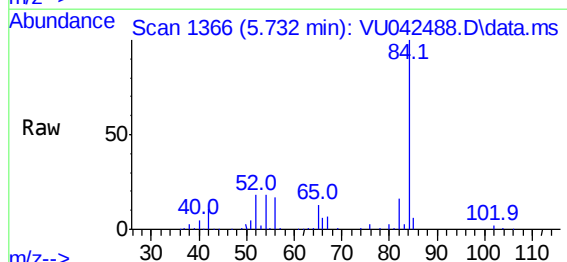
Instrument :
MSVOA_U
ClientSampleId :
F1G08

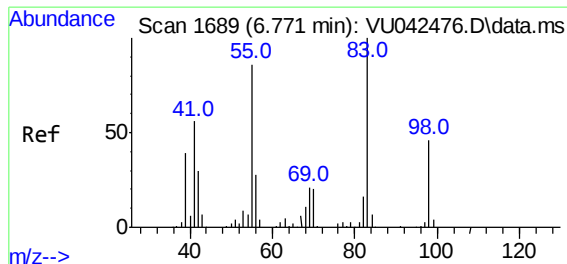
Tgt Ion: 62 Resp: 376
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.052 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

Tgt Ion: 78 Resp: 905

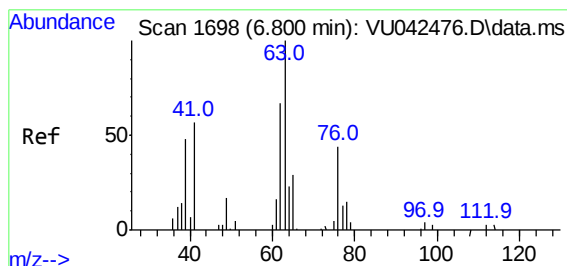
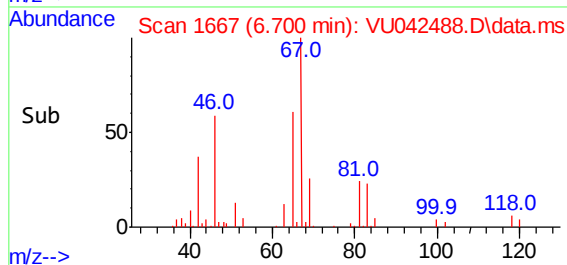
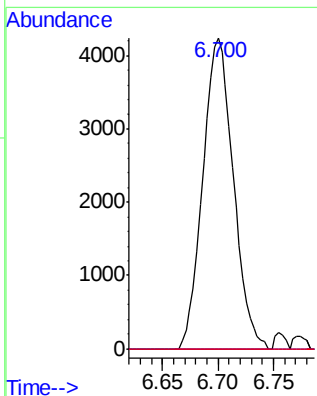
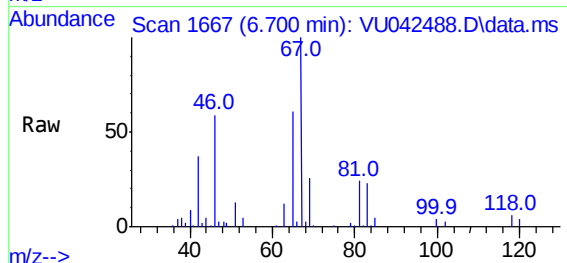




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

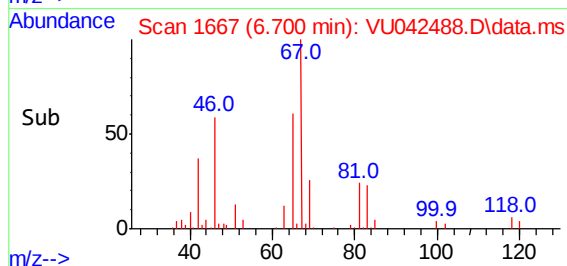
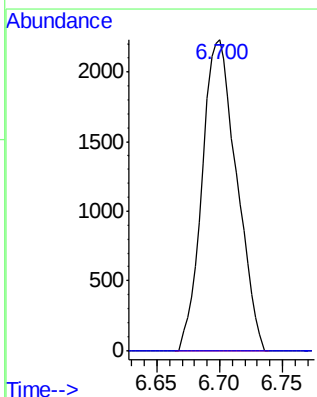
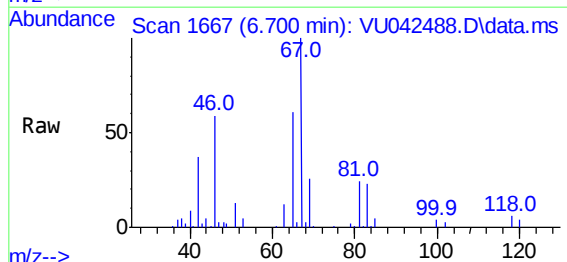
Instrument :
MSVOA_U
ClientSampleId :
F1G08

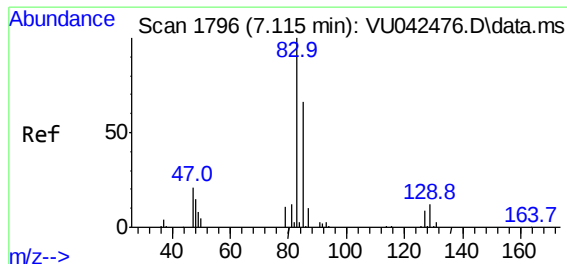
Tgt Ion: 83 Resp: 8093
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

Tgt Ion: 63 Resp: 4242
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

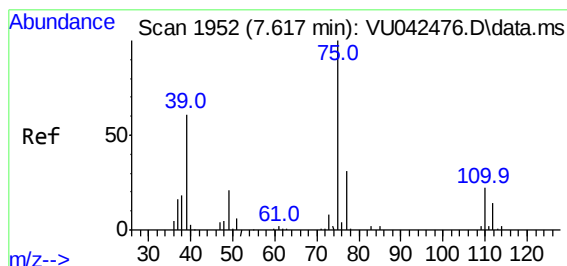
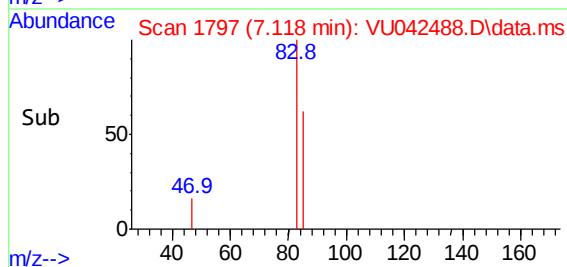
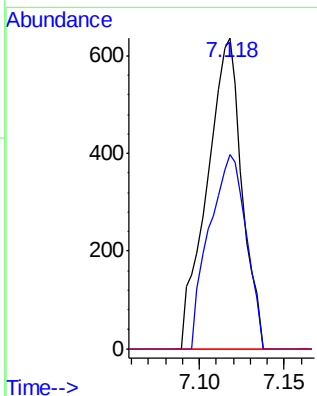
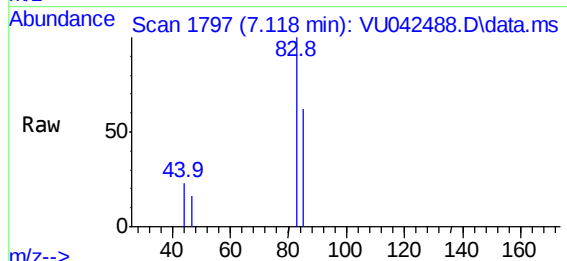




#38
Bromodichloromethane
Concen: 0.09 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

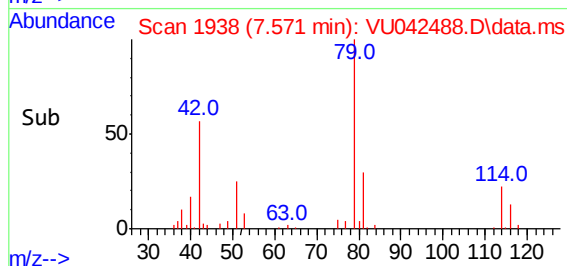
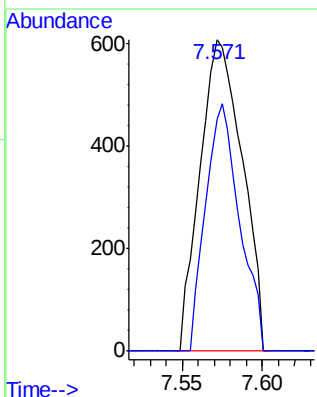
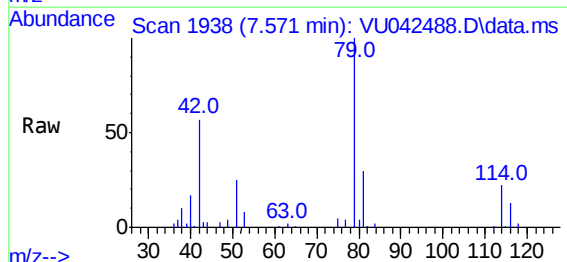
Instrument :
MSVOA_U
ClientSampleId :
F1G08

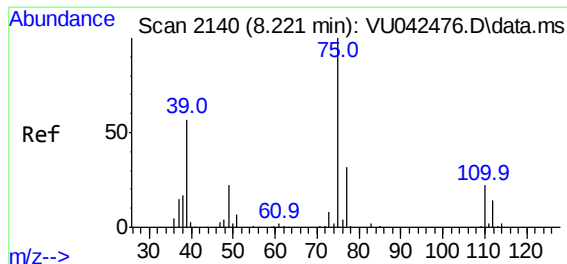
Tgt Ion: 83 Resp: 911
Ion Ratio Lower Upper
83 100
85 62.4 46.0 85.4
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

Tgt Ion: 75 Resp: 1091
Ion Ratio Lower Upper
75 100
77 74.3 22.0 40.8#



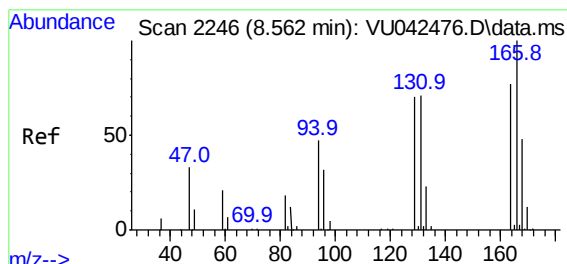
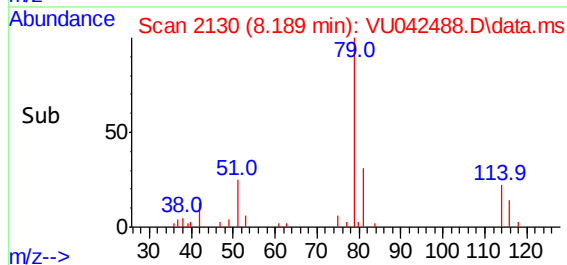
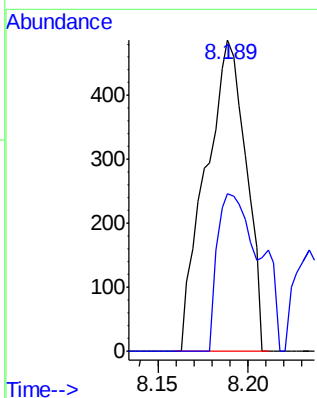
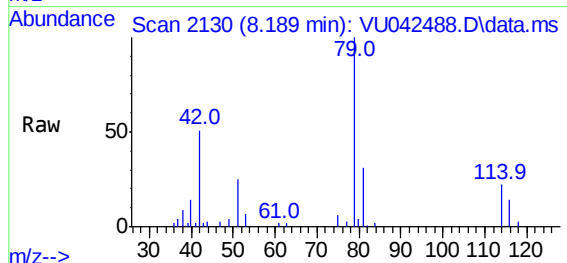


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

Instrument :
MSVOA_U
ClientSampled :
F1G08

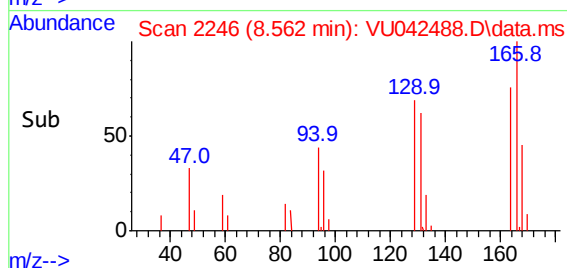
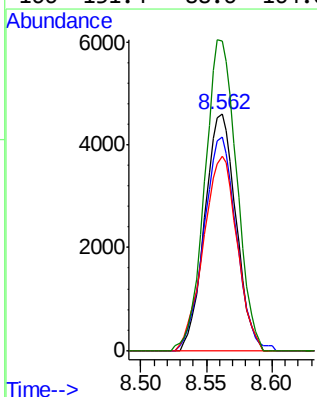
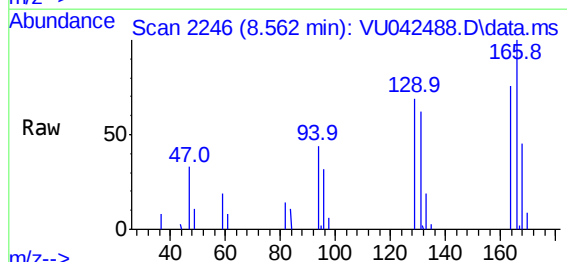
Tgt Ion: 75 Resp: 754
Ion Ratio Lower Upper
75 100
77 50.5 21.8 40.4#

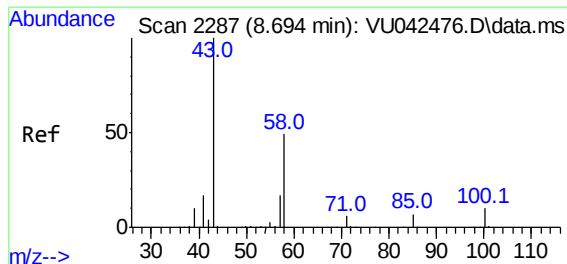


#47

Tetrachloroethene
Concen: 1.21 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042488.D
Acq: 04 Mar 2021 16:36

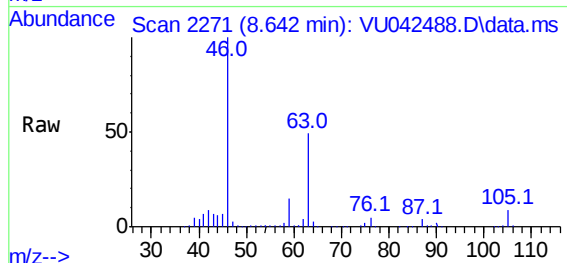
Tgt Ion: 164 Resp: 7558
Ion Ratio Lower Upper
164 100
129 90.2 64.3 119.5
131 82.1 62.2 115.6
166 131.4 88.6 164.6





#48
 2-Hexanone
 Concen: 2.46 ug/L
 RT: 8.642 min Scan# 2271
 Delta R.T. -0.052 min
 Lab File: VU042488.D
 Acq: 04 Mar 2021 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G08



Tgt Ion: 43 Resp: 11839
 Ion Ratio Lower Upper
 43 100
 58 20.9 40.6 61.0#
 57 19.3 14.9 22.3
 100 0.0 8.6 12.8#

