

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042489.D
 Acq On : 04 Mar 2021 17:00
 Operator : SY/MD
 Sample : M1570-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G09

Quant Time: Mar 05 00:36:35 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)

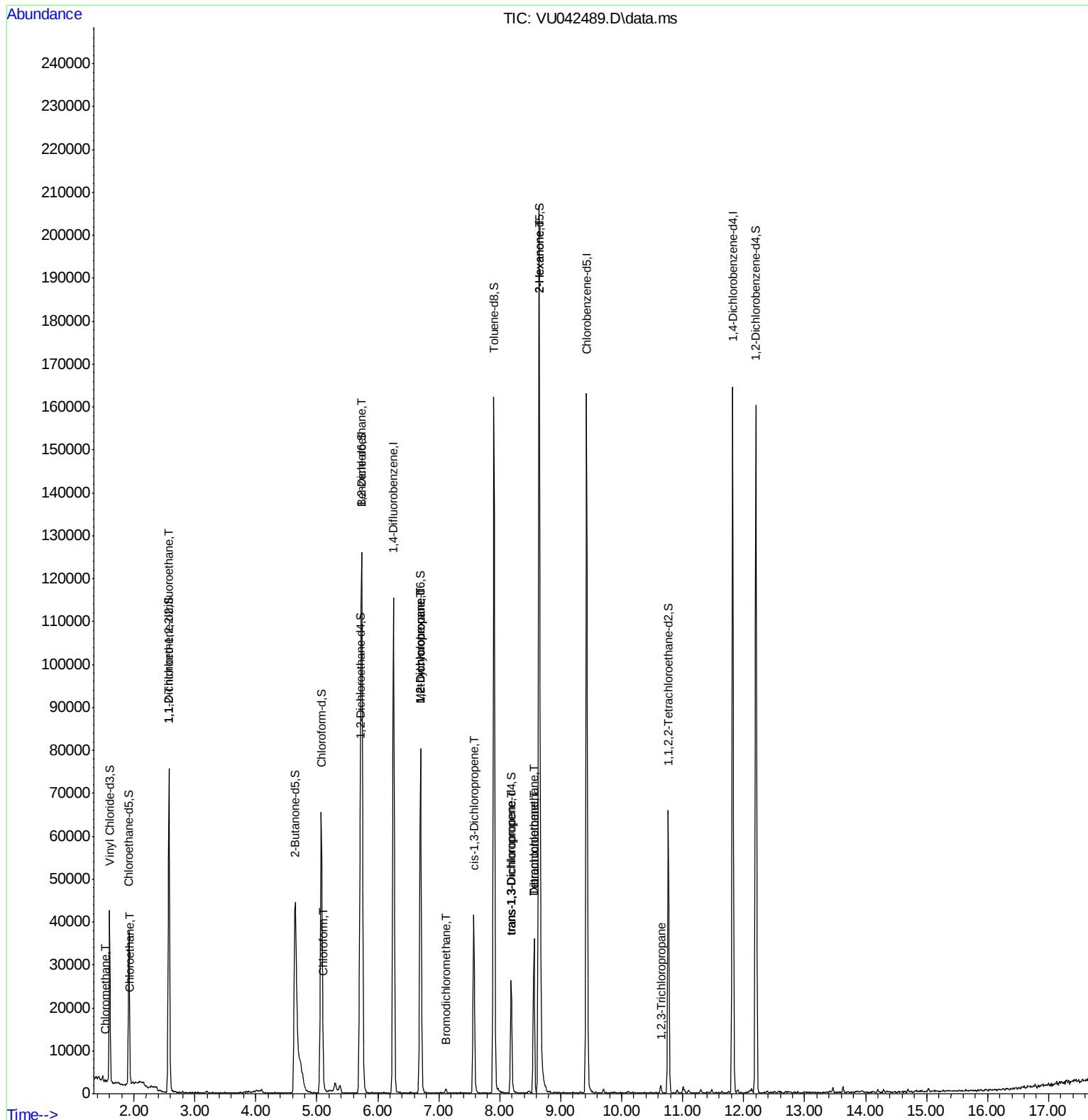
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84684	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	41159	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27737	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.919	69	22907	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.575	63	46222	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	4.645	46	105000	54.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.14%			
24) Chloroform-d	5.073	84	55989	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.713	65	37455	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.735	84	106014	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.700	67	34666	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.906	98	100420	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloroprop...	8.189	79	14628	4.68	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	75241	50.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.44%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29553	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	12.201	152	40067	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	359	0.05	ug/L	99
8) Chloroethane	1.932	64	256	0.06	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	421	0.06	ug/L #	18
25) Chloroform	5.099	83	2507	0.19	ug/L	91
27) 1,2-Dichloroethane	5.735	62	710	0.07	ug/L #	75
35) Methylcyclohexane	6.700	83	7892	0.71	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4203	0.59	ug/L #	87
38) Bromodichloromethane	7.121	83	345	0.04	ug/L #	92
39) cis-1,3-Dichloropropene	7.571	75	1129	0.11	ug/L #	61
44) trans-1,3-Dichloropropene	8.186	75	675	0.07	ug/L	92
47) Tetrachloroethene	8.559	164	7865	1.31	ug/L	95
48) 2-Hexanone	8.645	43	10569	2.30	ug/L #	68
49) Dibromochloromethane	8.559	129	7517	1.14	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	505	0.09	ug/L #	42

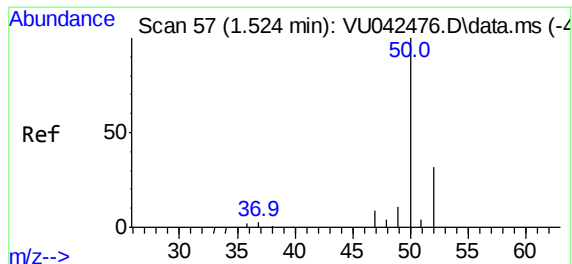
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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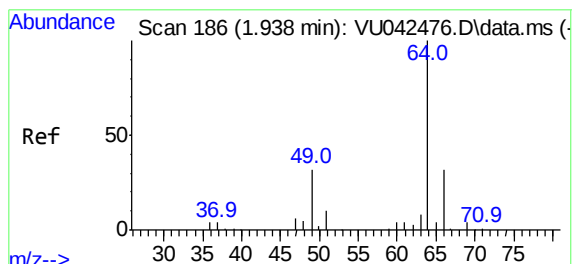
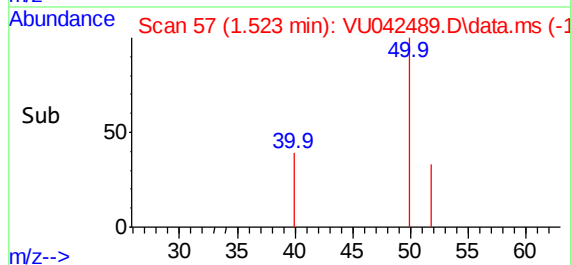
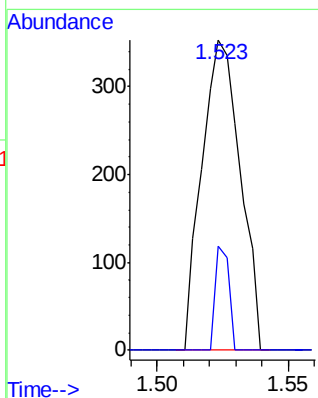
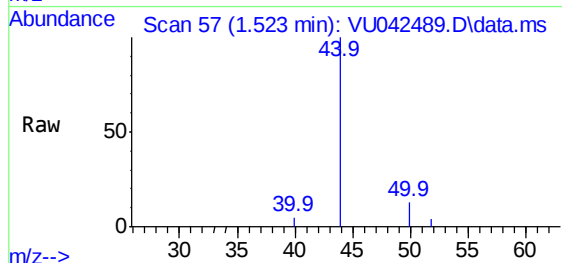




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

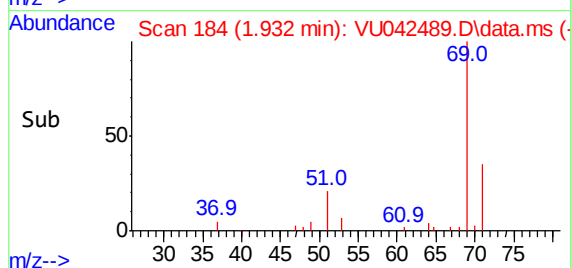
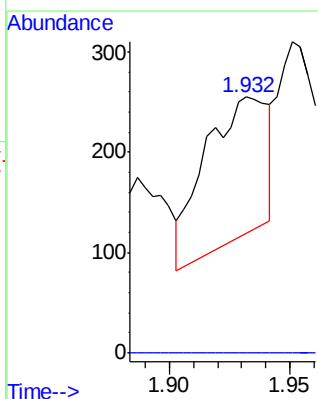
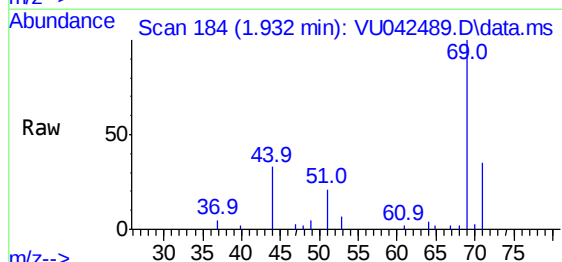
Instrument :
MSVOA_U
ClientSampleId :
F1G09

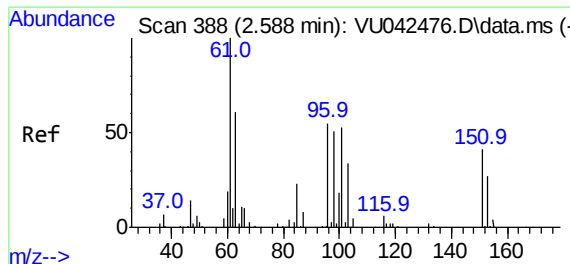
Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8



#8
Chloroethane
Concen: 0.06 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.007 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

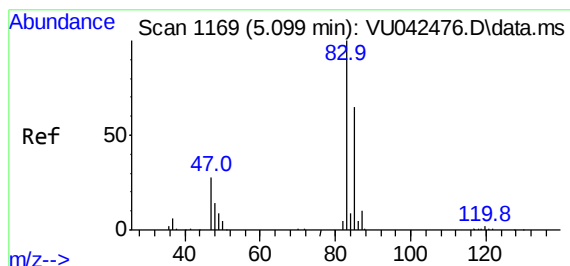
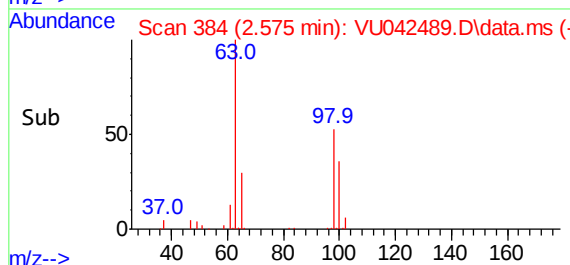
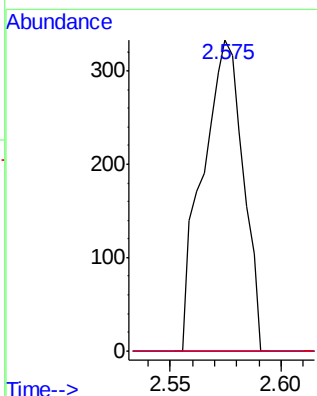
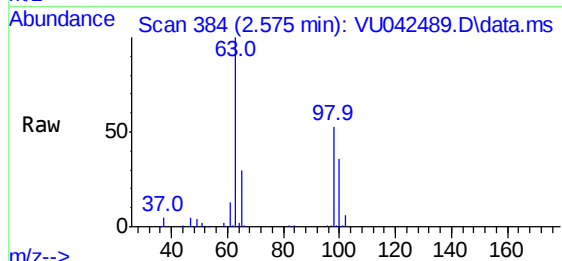




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU042489.D
 Acq: 04 Mar 2021 17:00

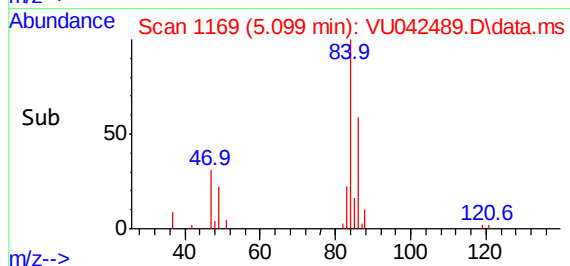
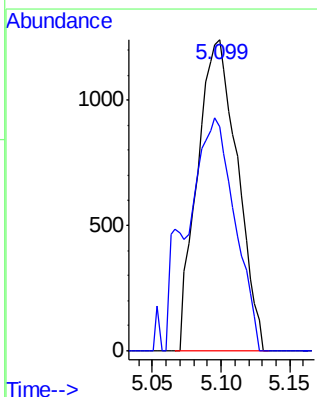
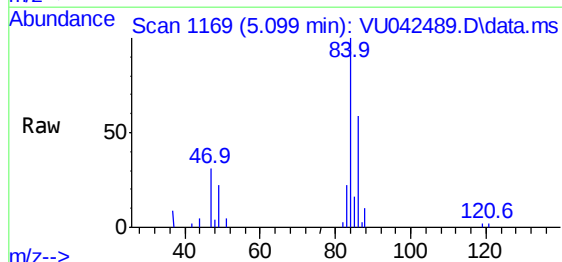
Instrument :
 MSVOA_U
 ClientSampleId :
 F1G09

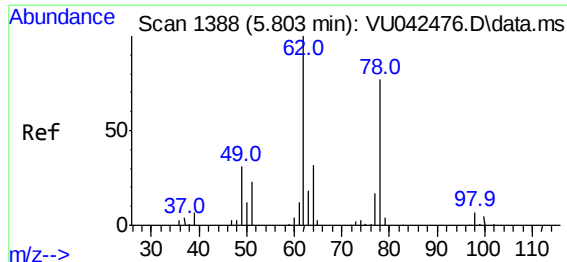
Tgt Ion:101 Resp: 421
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#25
 Chloroform
 Concen: 0.19 ug/L
 RT: 5.099 min Scan# 1169
 Delta R.T. -0.000 min
 Lab File: VU042489.D
 Acq: 04 Mar 2021 17:00

Tgt Ion: 83 Resp: 2507
 Ion Ratio Lower Upper
 83 100
 85 72.1 45.7 84.9

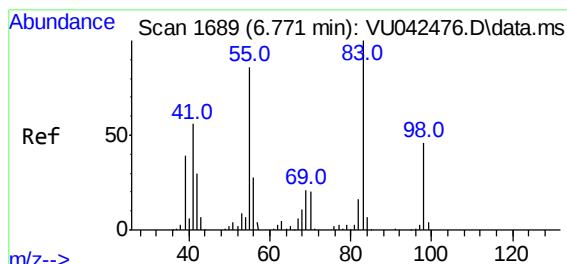
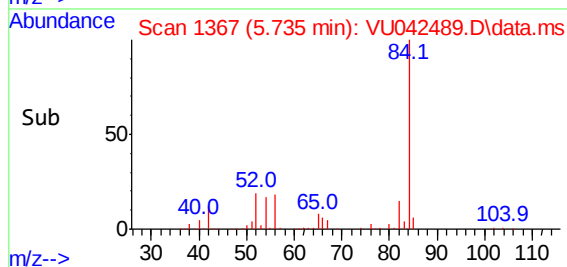
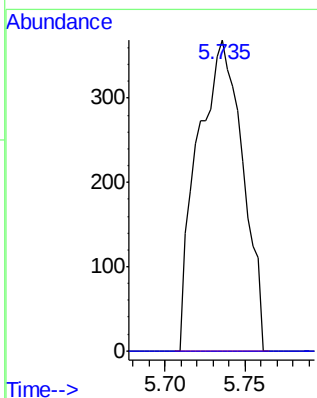
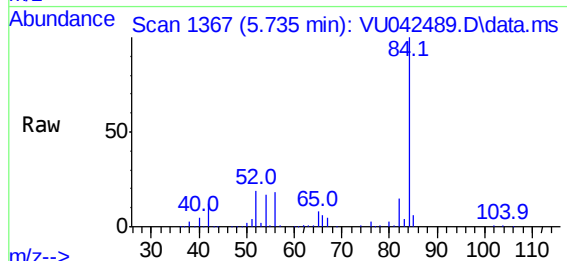




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

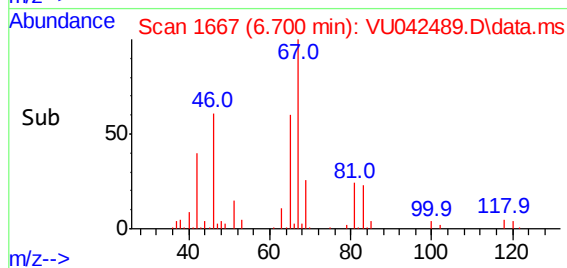
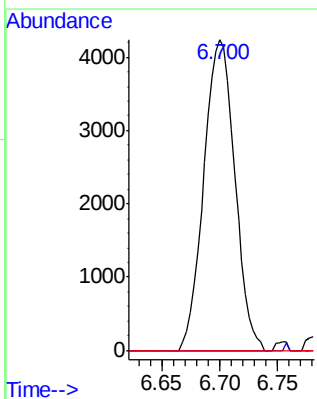
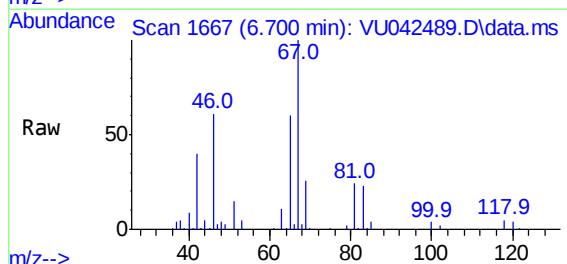
Instrument :
MSVOA_U
ClientSampleId :
F1G09

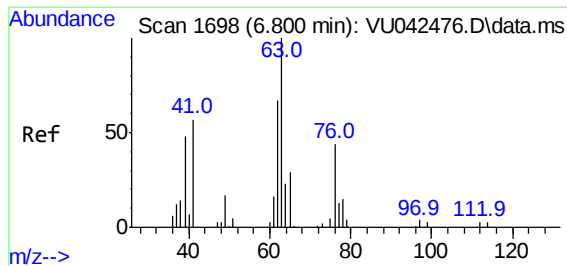
Tgt Ion: 62 Resp: 710
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

Tgt Ion: 83 Resp: 7892
Ion Ratio Lower Upper
83 100
55 0.3 68.2 102.4#
98 0.0 39.7 59.5#

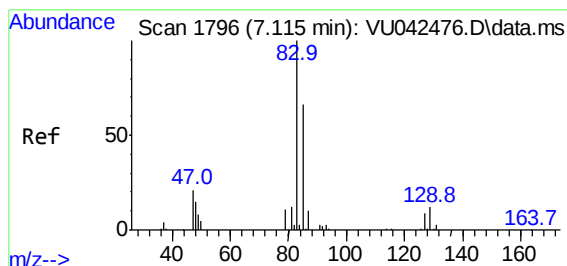
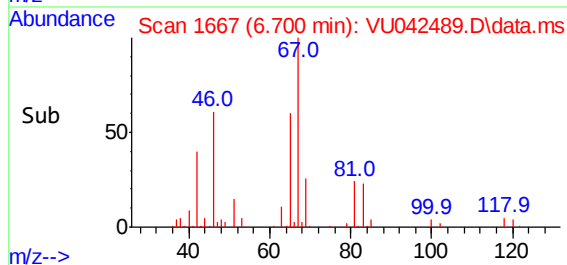
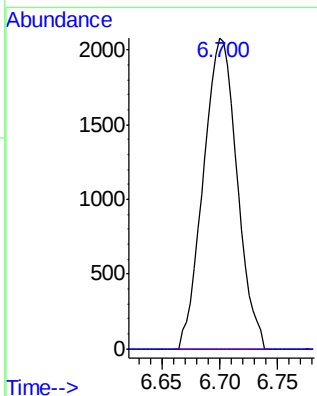
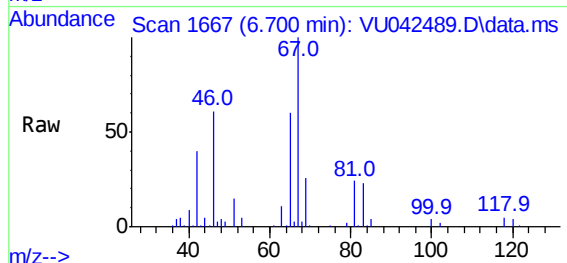




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

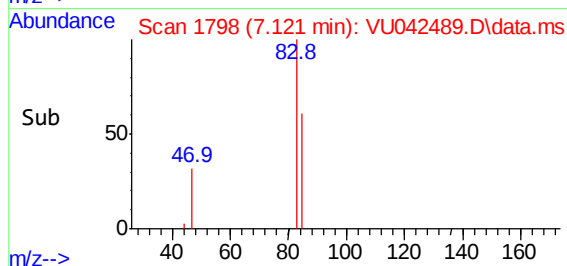
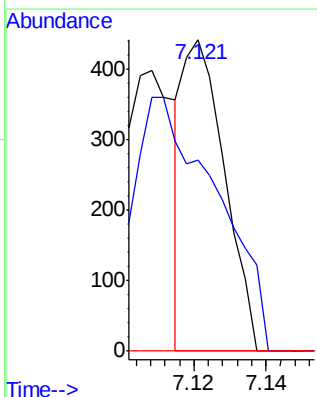
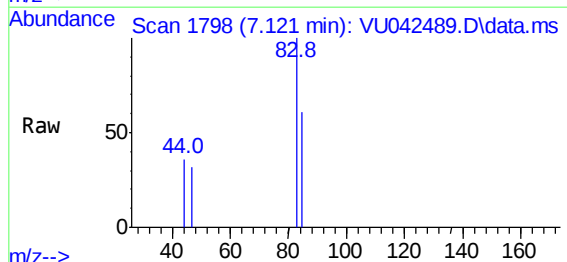
Instrument :
MSVOA_U
ClientSampleId :
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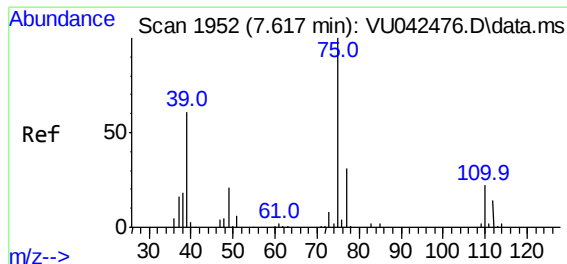
Tgt Ion: 63 Resp: 4203
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.04 ug/L
RT: 7.121 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

Tgt Ion: 83 Resp: 345
Ion Ratio Lower Upper
83 100
85 61.2 46.0 85.4
127 0.0 6.8 10.2#

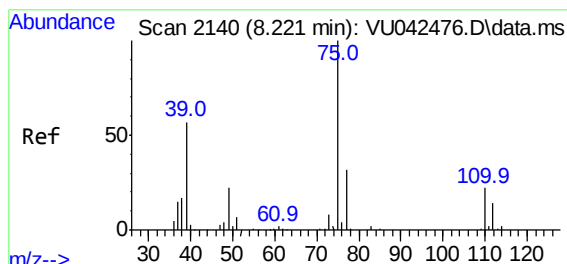
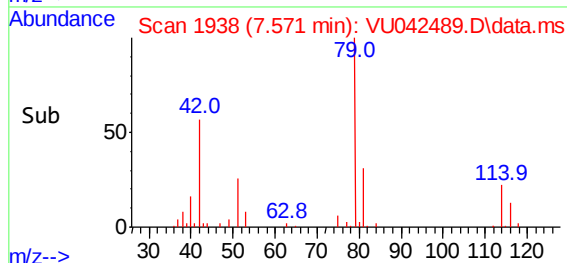
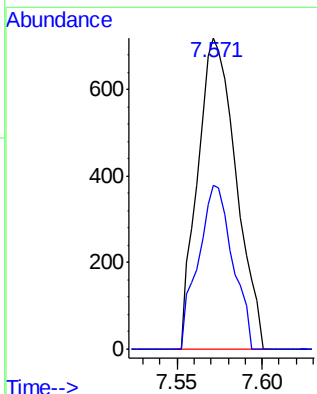
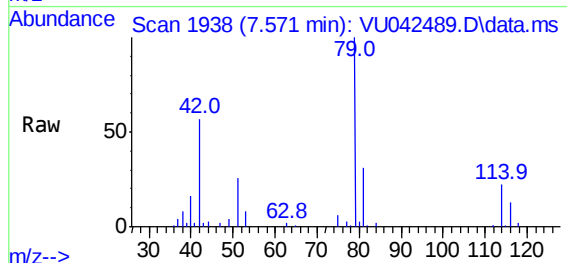




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

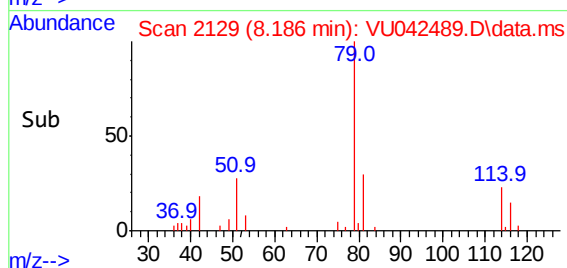
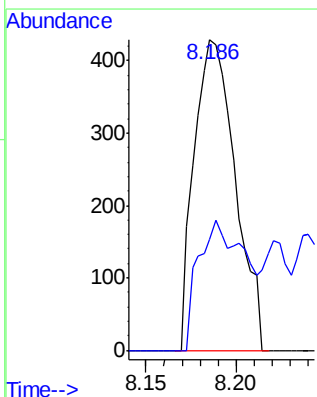
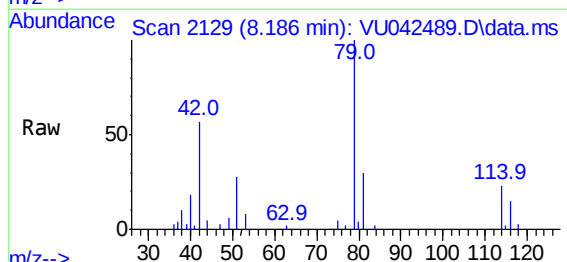
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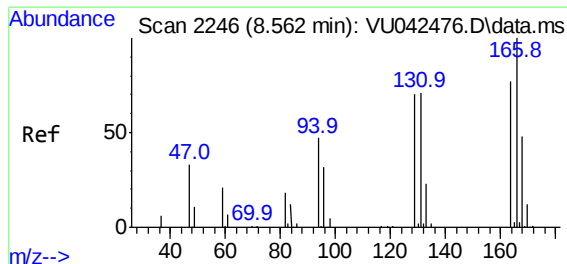
Tgt Ion: 75 Resp: 1129
Ion Ratio Lower Upper
75 100
77 52.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.036 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

Tgt Ion: 75 Resp: 675
Ion Ratio Lower Upper
75 100
77 35.7 21.8 40.4



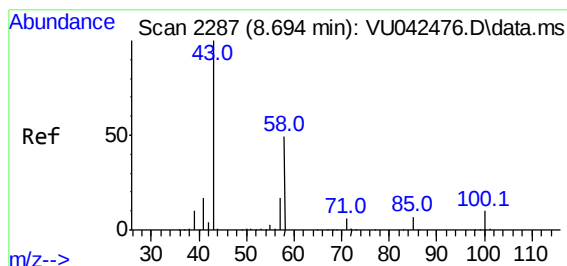
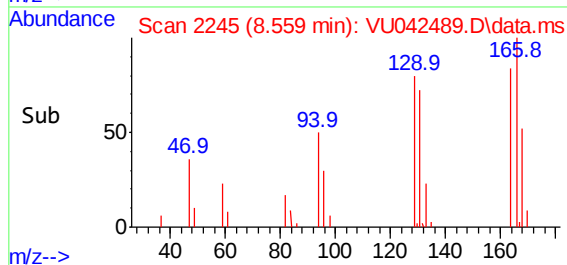
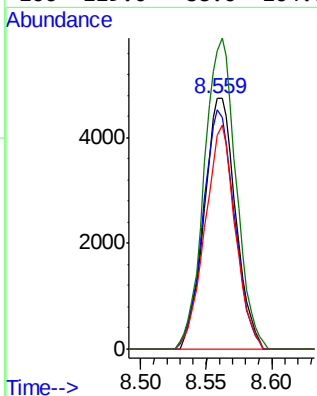
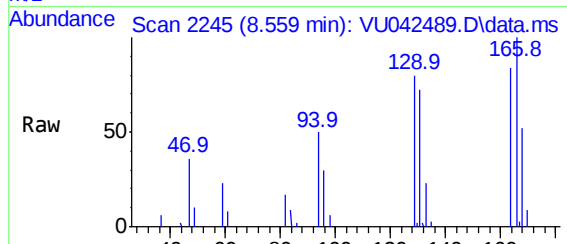


#47
Tetrachloroethene
Concen: 1.31 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

Instrument :
MSVOA_U
ClientSampled :
F1G09

Tgt Ion:164 Resp: 7865

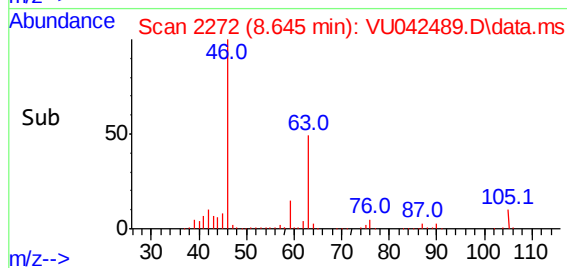
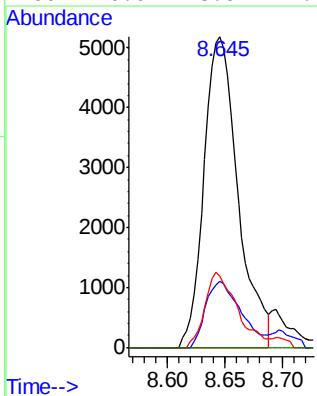
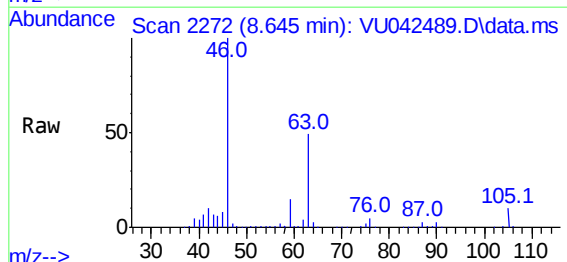
Ion	Ratio	Lower	Upper
164	100		
129	95.5	64.3	119.5
131	85.1	62.2	115.6
166	119.0	88.6	164.6

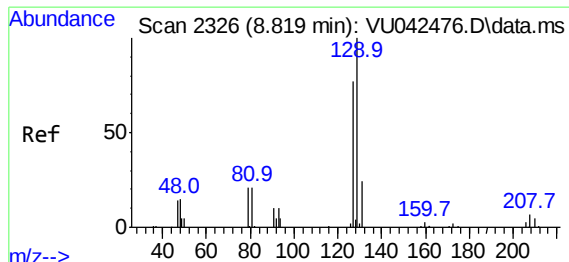


#48
2-Hexanone
Concen: 2.30 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042489.D
Acq: 04 Mar 2021 17:00

Tgt Ion: 43 Resp: 10569

Ion	Ratio	Lower	Upper
43	100		
58	22.0	40.6	61.0#
57	23.0	14.9	22.3#
100	0.0	8.6	12.8#





#49

Dibromochloromethane

Concen: 1.14 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.261 min

Lab File: VU042489.D

Acq: 04 Mar 2021 17:00

Instrument :

MSVOA_U

ClientSampled :

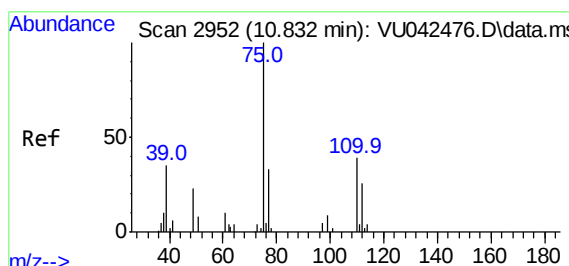
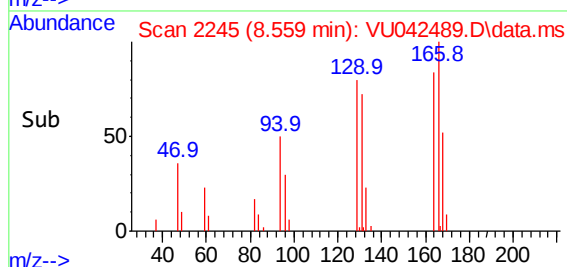
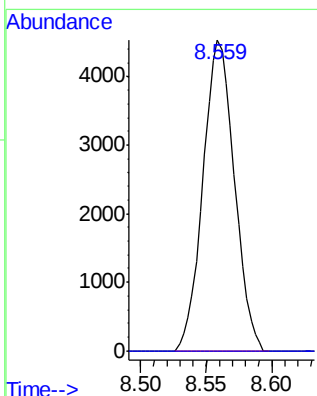
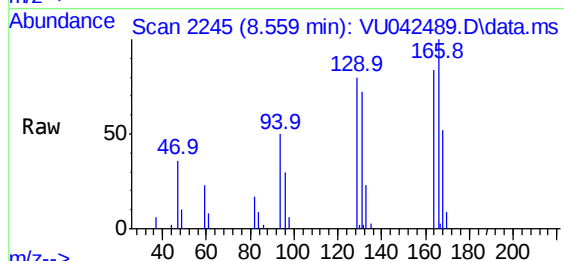
F1G09

Tgt Ion:129 Resp: 7517

Ion Ratio Lower Upper

129 100

127 0.0 52.3 97.1#



#59

1,2,3-Trichloropropane

Concen: 0.09 ug/L

RT: 10.642 min Scan# 2893

Delta R.T. -0.190 min

Lab File: VU042489.D

Acq: 04 Mar 2021 17:00

Tgt Ion: 75 Resp: 505

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#

