

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042490.D
 Acq On : 04 Mar 2021 17:24
 Operator : SY/MD
 Sample : M1570-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G10

Quant Time: Mar 05 00:36:58 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	6.260	114	104916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	95021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44951	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28918	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.919	69	23623	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.572	63	46759	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.649	46	89210	38.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.70%
24) Chloroform-d	5.073	84	58707	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.713	65	38307	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.736	84	106709	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.700	67	35886	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.906	98	100298	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.189	79	14713	4.19	ug/L	0.00
46) 2-Hexanone-d5	8.646	63	80665	47.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30657	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.202	152	39967	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

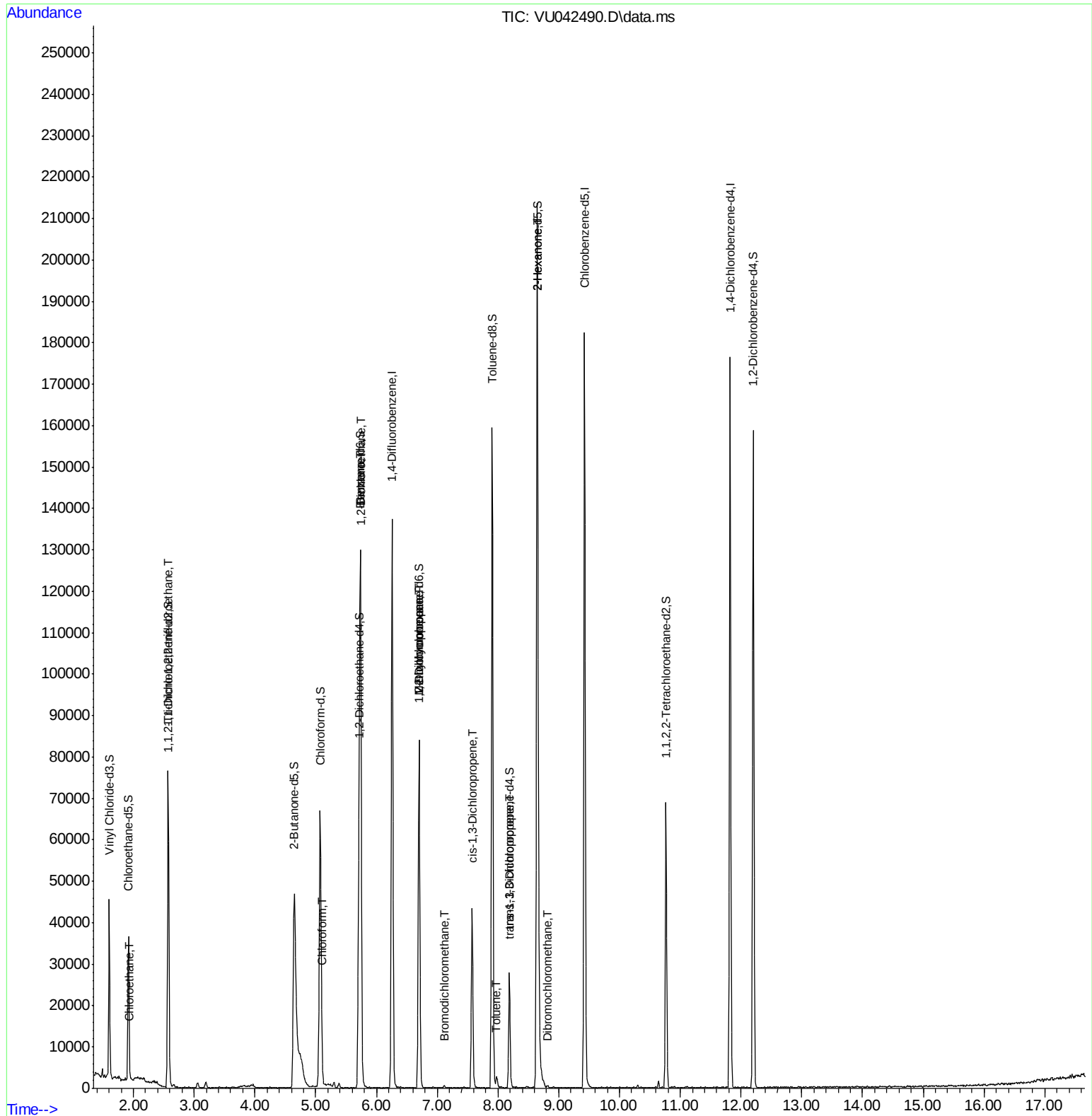
Target Compounds				Qvalue		
8) Chloroethane	1.938	64	224	0.04	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	412	0.05	ug/L #	18
25) Chloroform	5.099	83	3315	0.21	ug/L	93
27) 1,2-Dichloroethane	5.739	62	649	0.05	ug/L #	75
33) Benzene	5.732	78	786	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	8036	0.64	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4256	0.53	ug/L #	87
38) Bromodichloromethane	7.112	83	485	0.05	ug/L #	89
39) cis-1,3-Dichloropropene	7.575	75	1157	0.10	ug/L #	67
42) Toluene	7.974	91	1899	0.06	ug/L	78
44) trans-1,3-Dichloropropene	8.183	75	571	0.05	ug/L #	40
48) 2-Hexanone	8.646	43	11964	2.32	ug/L #	66
49) Dibromochloromethane	8.819	129	355	0.05	ug/L	80

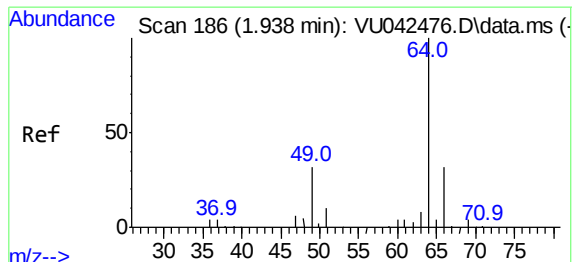
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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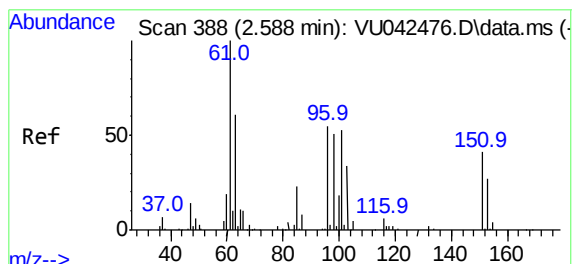
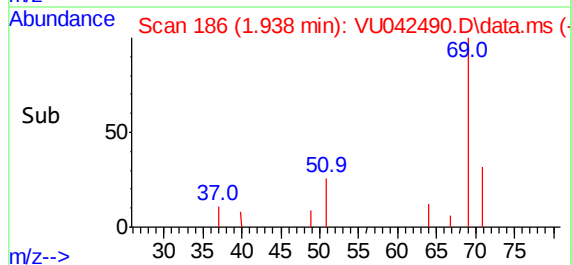
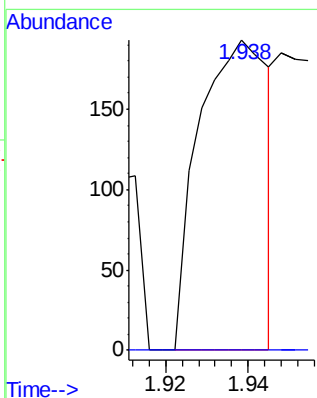
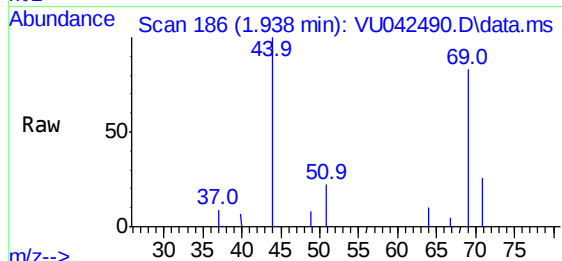




#8
Chloroethane
Concen: 0.04 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

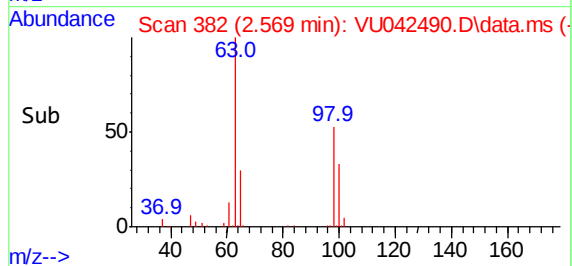
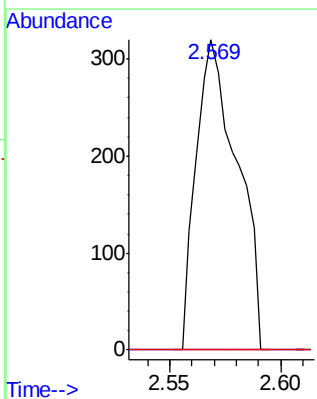
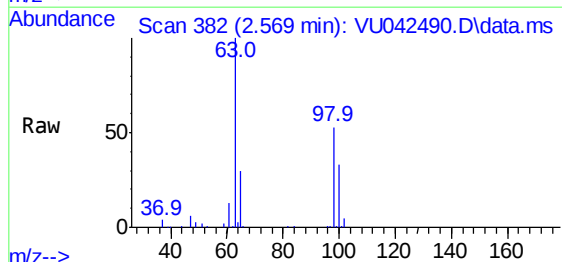
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MSVOA_U
ClientSampleId :
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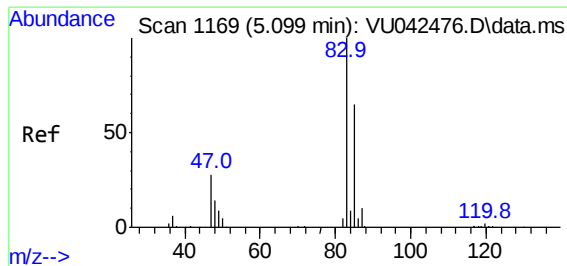
Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.569 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Tgt Ion:101 Resp: 412
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

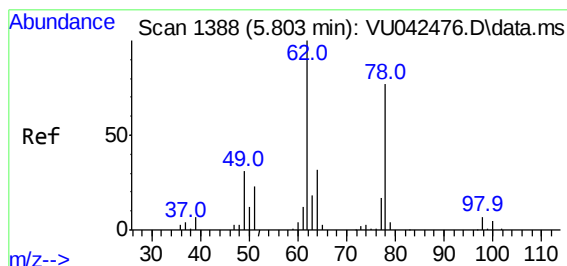
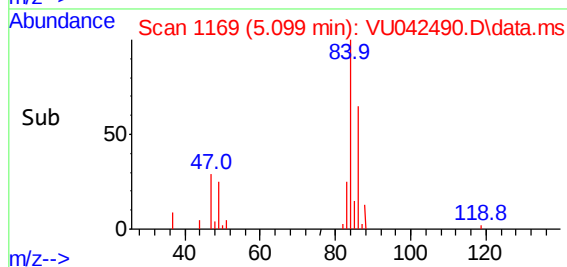
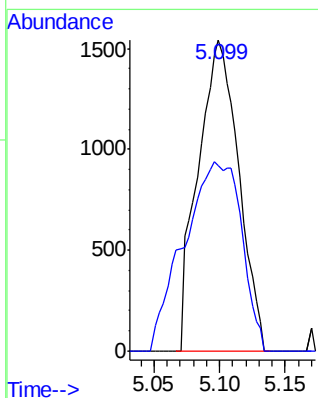
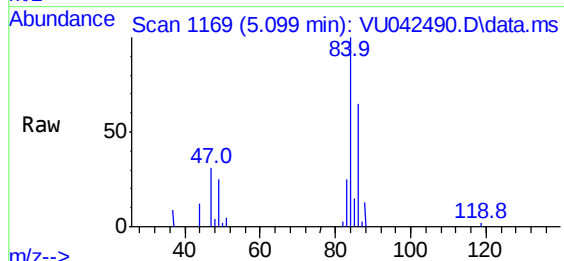




#25
Chloroform
Concen: 0.21 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

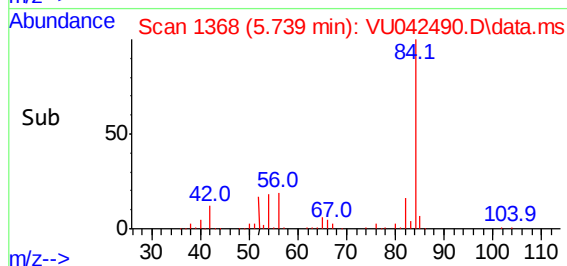
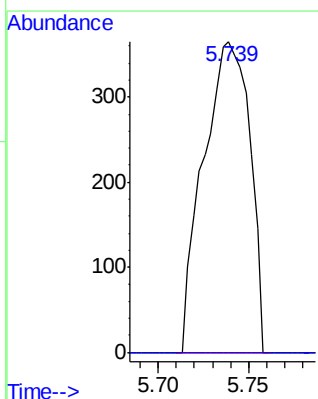
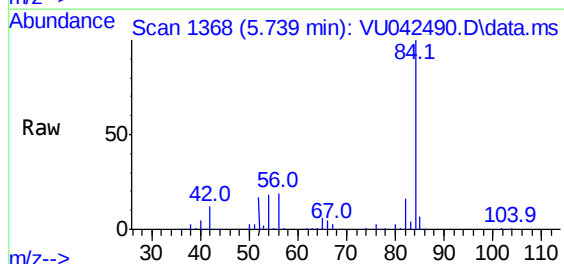
Instrument :
MSVOA_U
ClientSampled :
F1G10

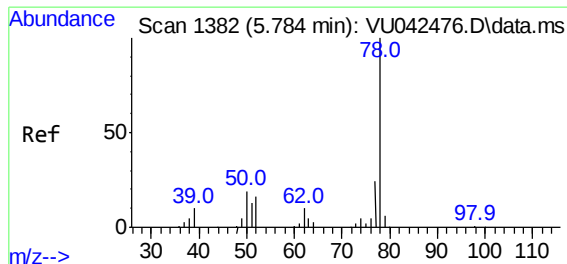
Tgt Ion: 83 Resp: 3315
Ion Ratio Lower Upper
83 100
85 59.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Tgt Ion: 62 Resp: 649
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

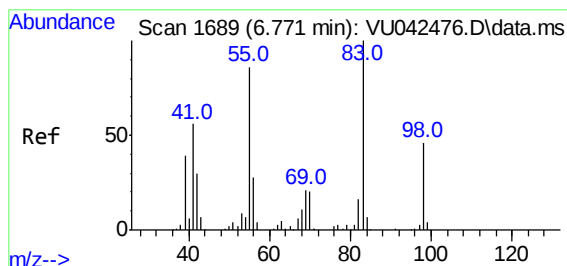
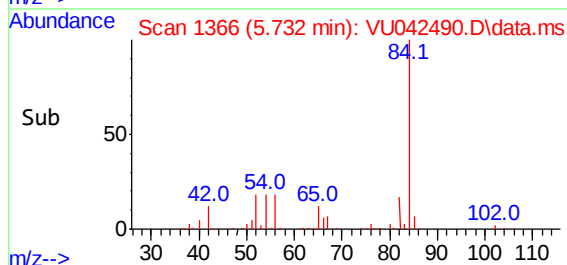
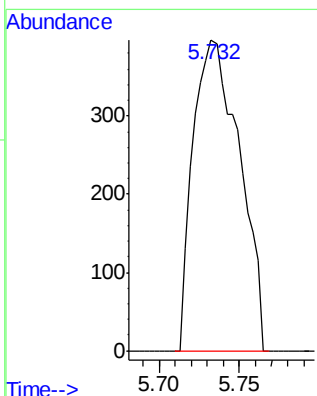
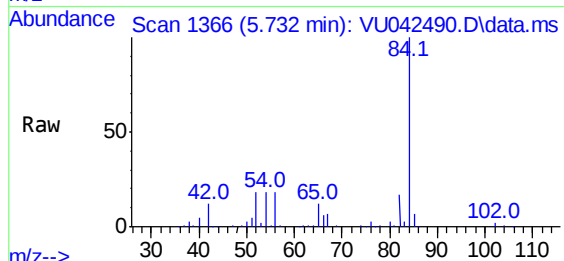




#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Instrument :
MSVOA_U
ClientSampleId :
F1G10

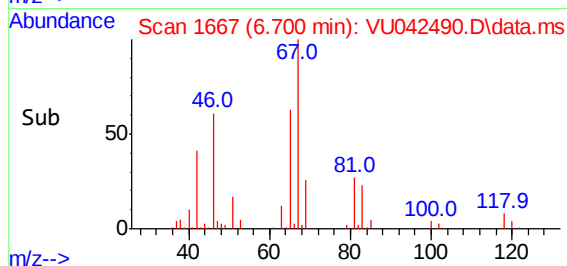
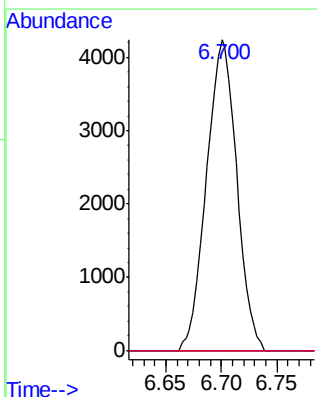
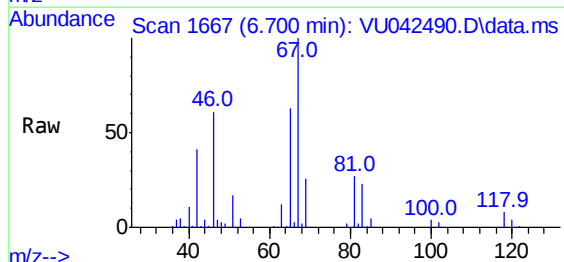
Tgt Ion: 78 Resp: 786

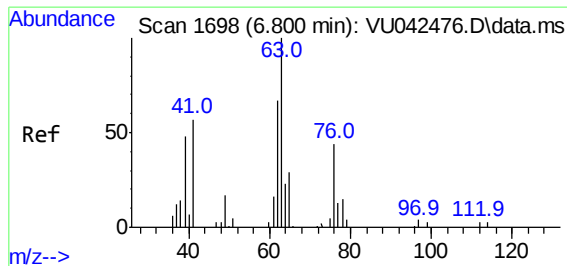


#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Tgt Ion: 83 Resp: 8036

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

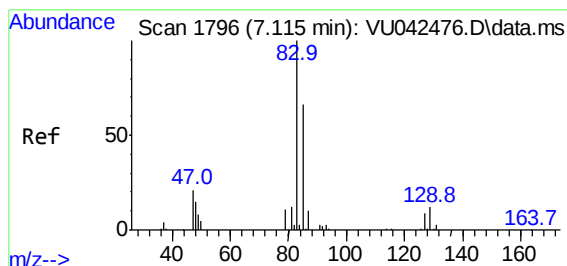
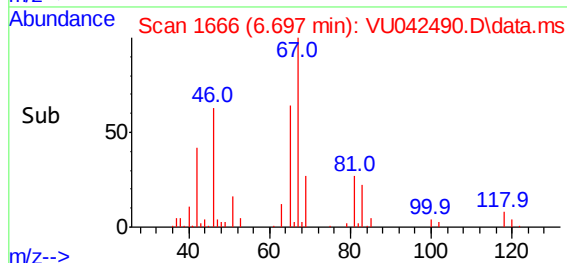
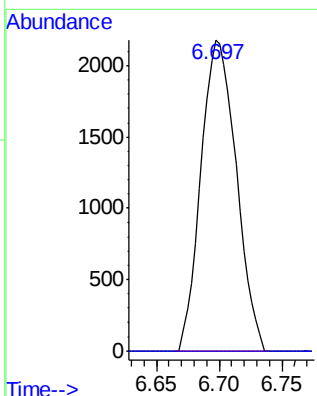
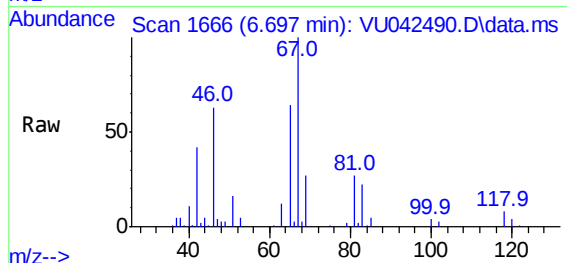




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

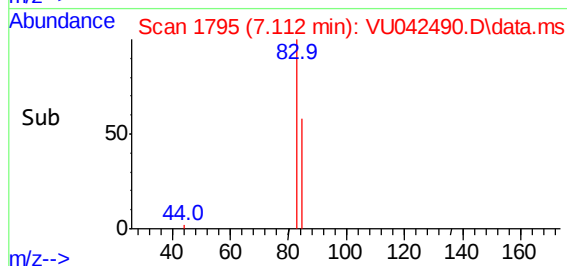
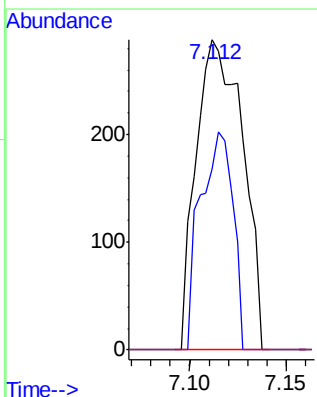
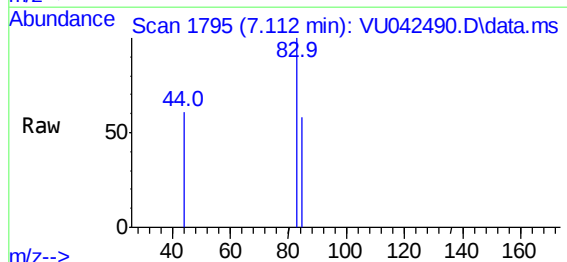
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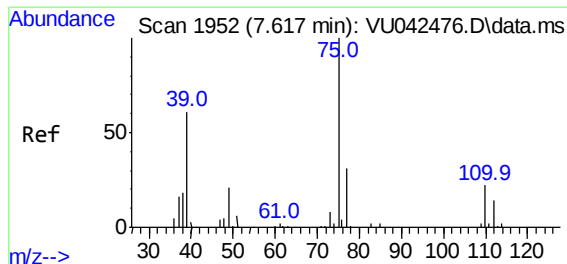
Tgt Ion: 63 Resp: 4256
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.05 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Tgt Ion: 83 Resp: 485
Ion Ratio Lower Upper
83 100
85 58.3 46.0 85.4
127 0.0 6.8 10.2#

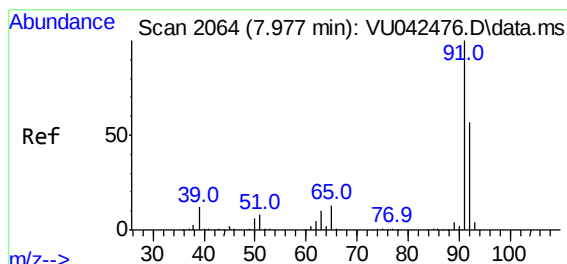
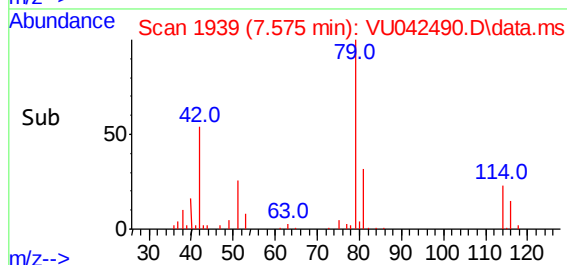
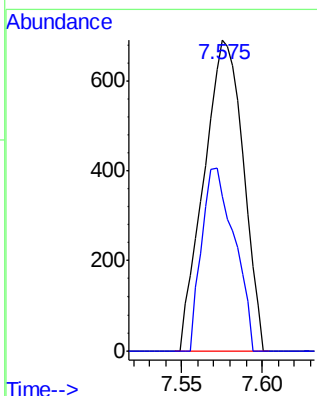
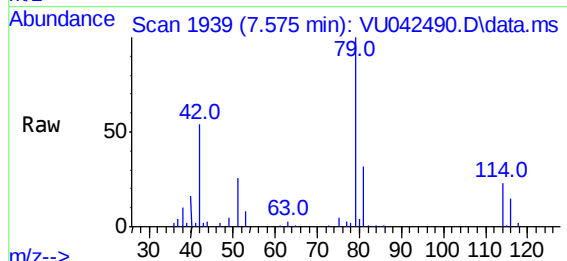




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

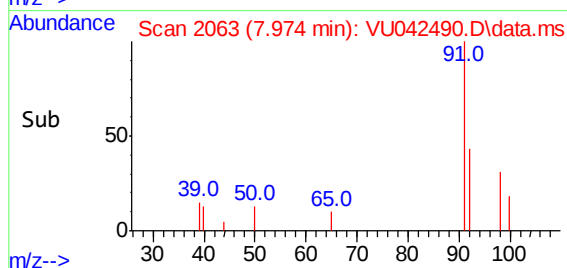
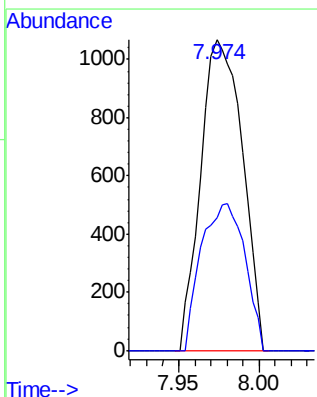
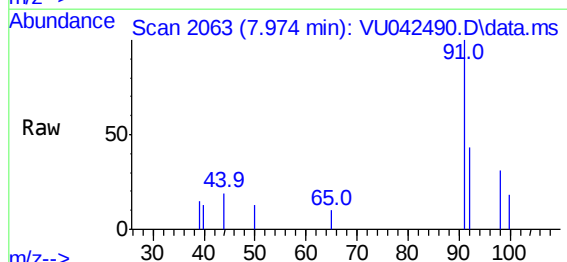
Instrument :
MSVOA_U
ClientSampled :
F1G10

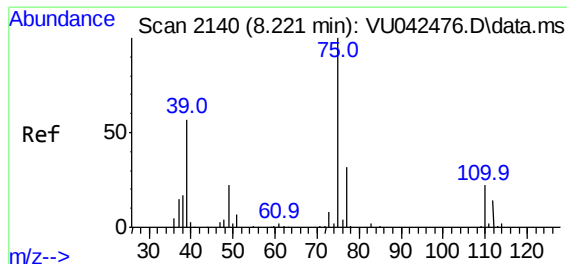
Tgt Ion: 75 Resp: 1157
Ion Ratio Lower Upper
75 100
77 49.8 22.0 40.8#



#42
Toluene
Concen: 0.06 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Tgt Ion: 91 Resp: 1899
Ion Ratio Lower Upper
91 100
92 42.7 41.2 76.6



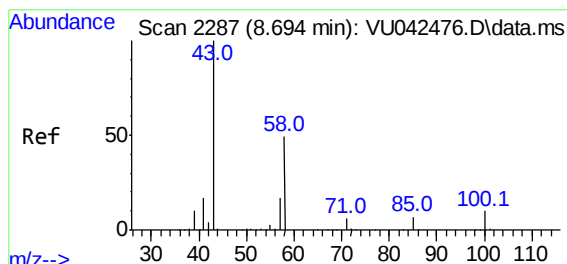
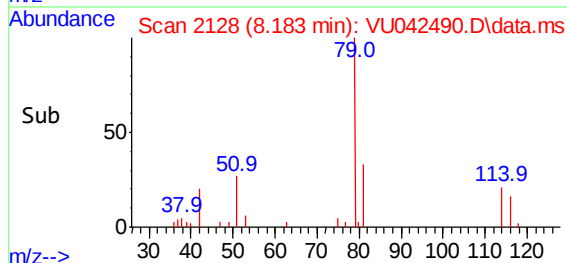
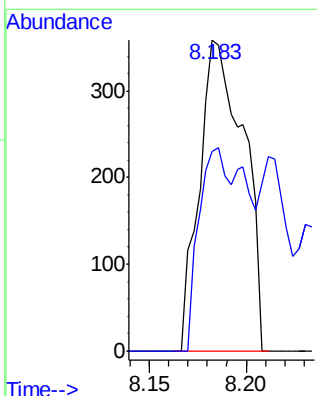
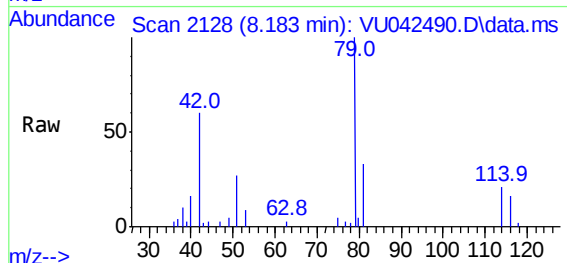


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.183 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Instrument :
MSVOA_U
ClientSampled :
F1G10

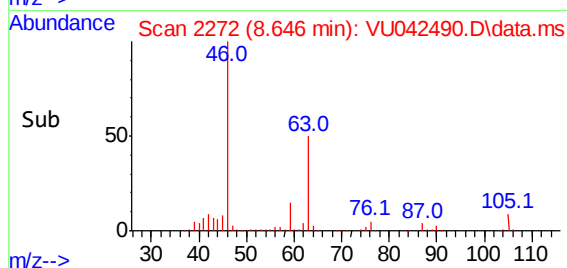
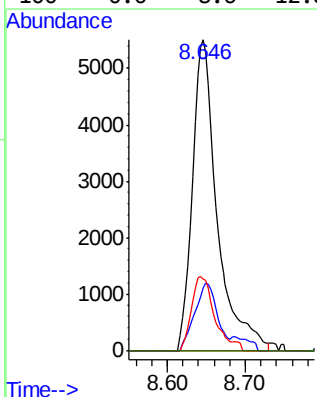
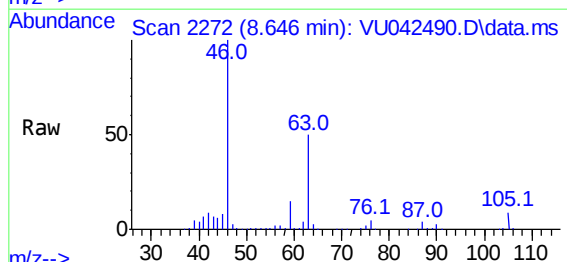
Tgt Ion: 75 Resp: 571
Ion Ratio Lower Upper
75 100
77 64.3 21.8 40.4#

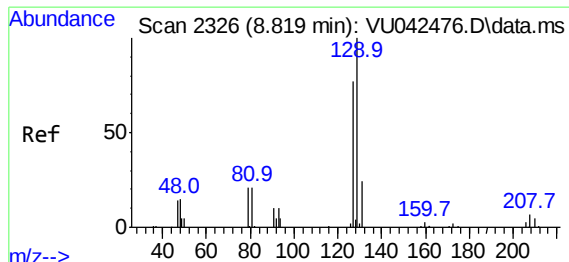


#48

2-Hexanone
Concen: 2.32 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042490.D
Acq: 04 Mar 2021 17:24

Tgt Ion: 43 Resp: 11964
Ion Ratio Lower Upper
43 100
58 20.0 40.6 61.0#
57 22.3 14.9 22.3#
100 0.0 8.6 12.8#





#49
 Dibromochloromethane
 Concen: 0.05 ug/L
 RT: 8.819 min Scan# 2326
 Delta R.T. -0.000 min
 Lab File: VU042490.D
 Acq: 04 Mar 2021 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G10

Tgt Ion:129 Resp: 355
 Ion Ratio Lower Upper
 129 100
 127 92.0 52.3 97.1

