

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020821\
 Data File : VU042288.D
 Acq On : 08 Feb 2021 11:35
 Operator : SY/MD
 Sample : M1310-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0A59

Quant Time: Feb 09 00:19:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 09 00:18:31 2021
 Response via : Initial Calibration

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

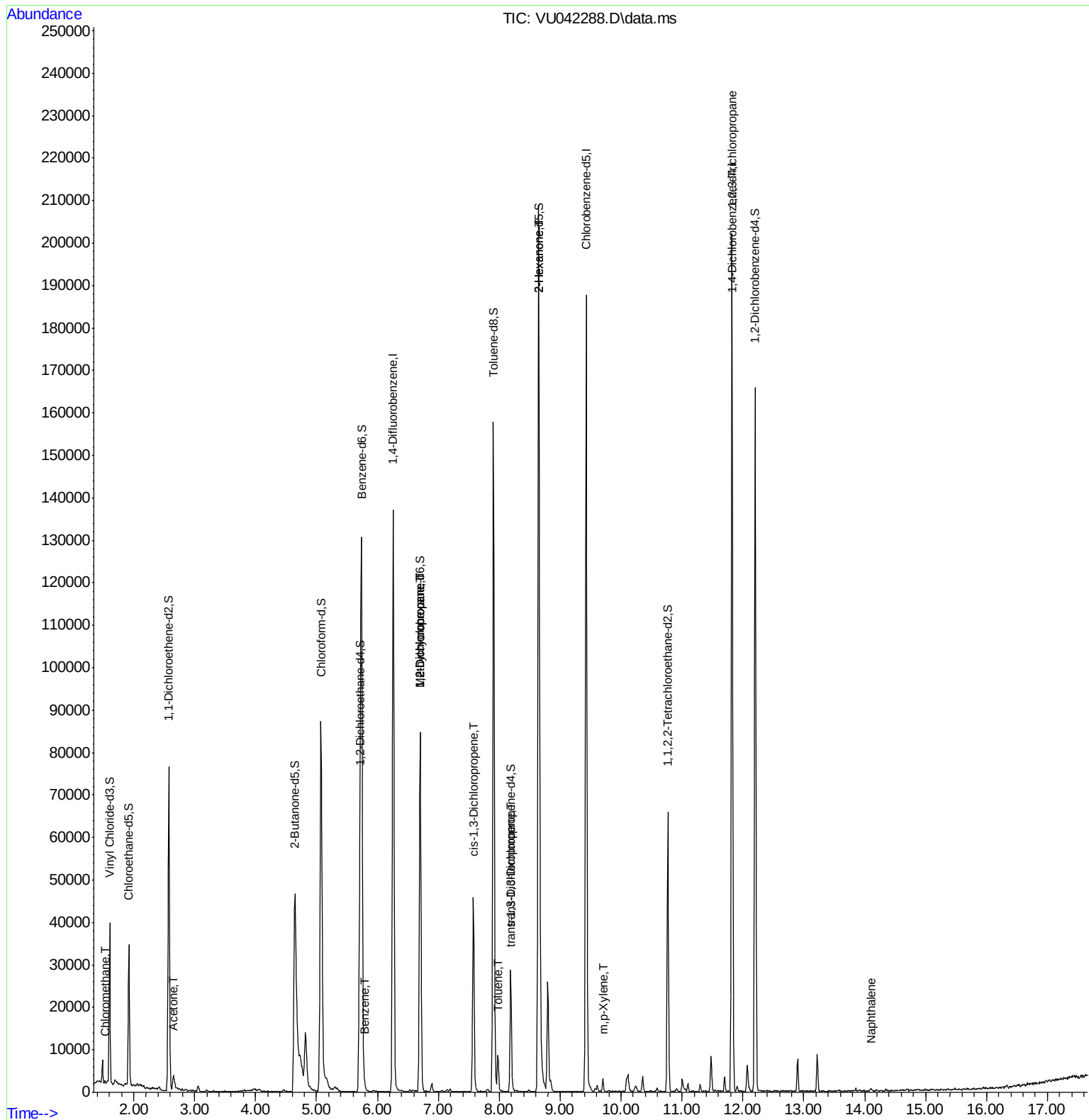
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	106727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	98965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53308	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26057	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.919	69	22379	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.575	63	47544	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.645	46	92091	36.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.32%
24) Chloroform-d	5.073	84	60468	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.713	65	38110	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.739	84	111180	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.700	67	37689	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.906	98	102343	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloroprop...	8.192	79	15955	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.649	63	79814	43.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	31148	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	40904	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%
Target Compounds						
3) Chloromethane	1.523	50	437	0.05	ug/L	85
13) Acetone	2.652	43	7127	4.26	ug/L	90
33) Benzene	5.790	78	1110	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	8538	0.65	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	4419	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1090	0.09	ug/L #	53
42) Toluene	7.980	91	6126	0.19	ug/L	92
44) trans-1,3-Dichloropropene	8.182	75	652	0.06	ug/L #	51
48) 2-Hexanone	8.649	43	11263	2.47	ug/L #	69
53) m,p-Xylene	9.703	106	954	0.07	ug/L	89
59) 1,2,3-Trichloropropane	11.819	75	5944	1.10	ug/L	90
69) Naphthalene	14.098	128	846	0.05	ug/L #	69

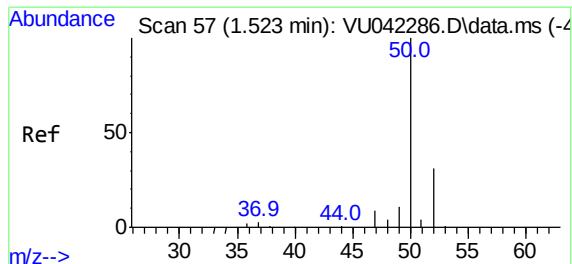
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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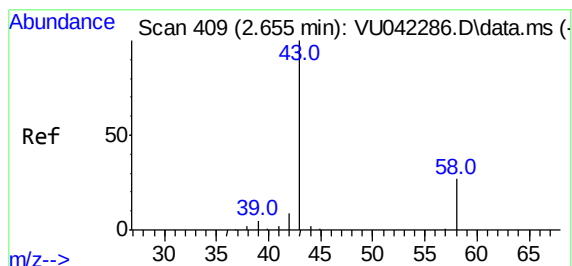
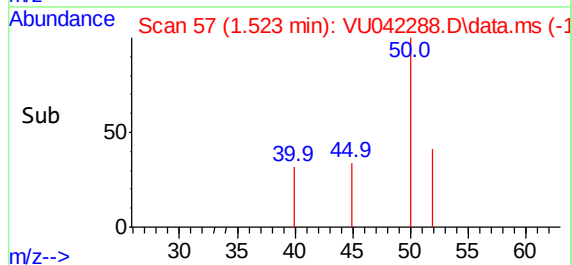
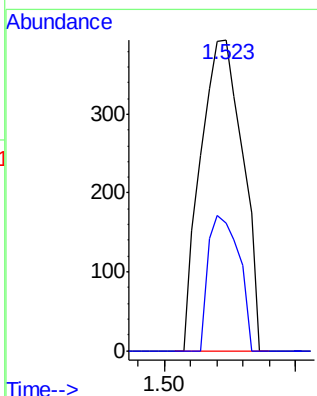
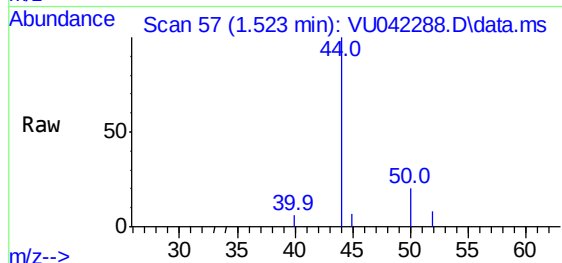




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

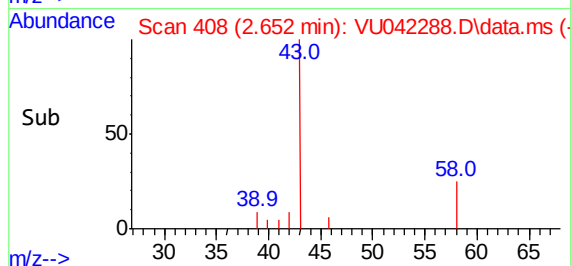
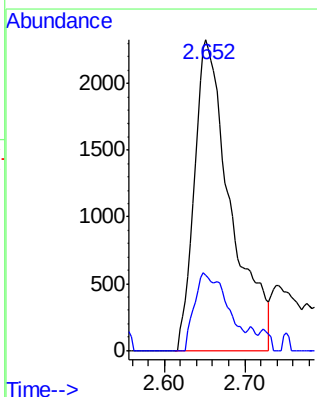
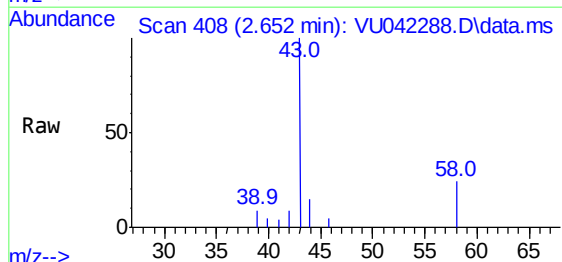
Instrument :
MSVOA_U
ClientSampled :
C0A59

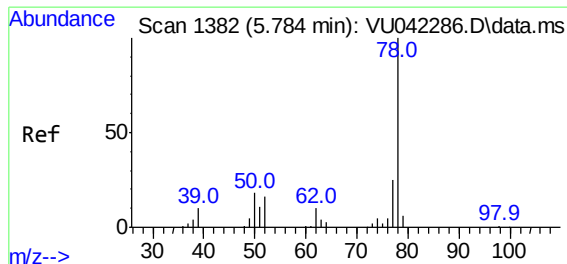
Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 41.1 23.0 42.8



#13
Acetone
Concen: 4.26 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

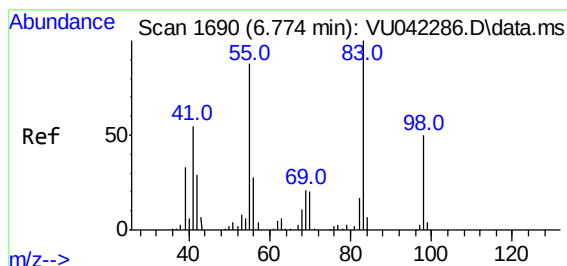
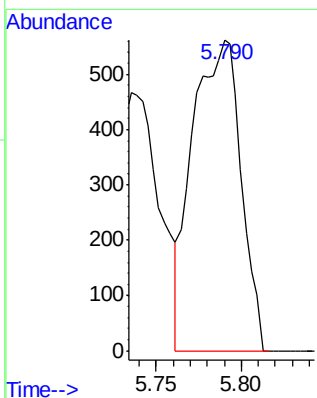
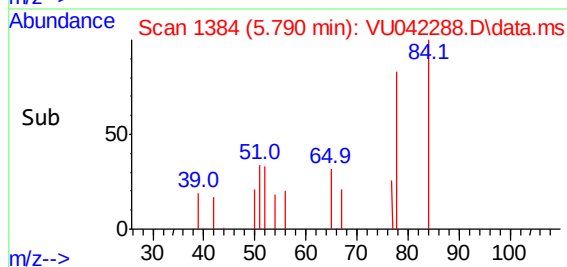
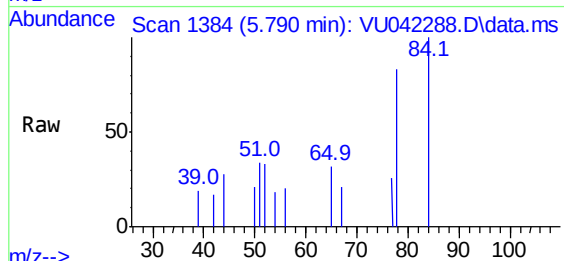
Tgt Ion: 43 Resp: 7127
Ion Ratio Lower Upper
43 100
58 22.6 0.0 55.8





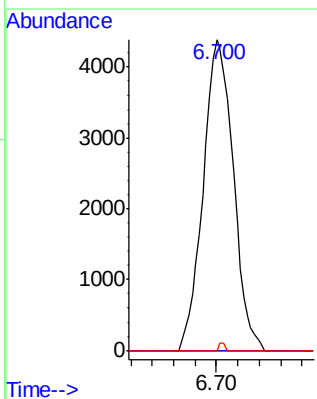
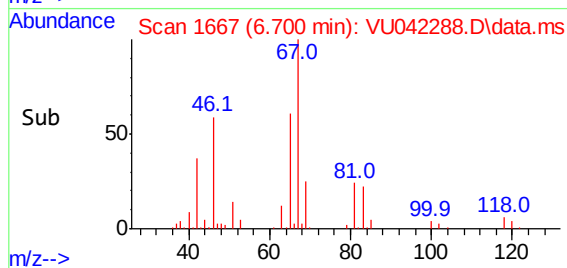
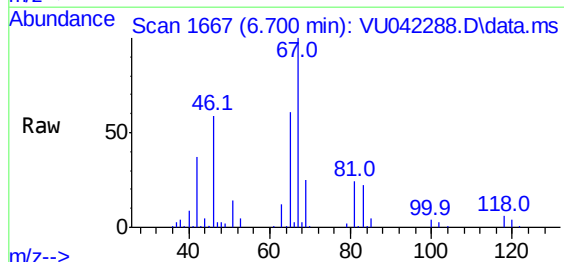
#33
Benzene
Concen: 0.04 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35
Tgt Ion: 78 Resp: 1110

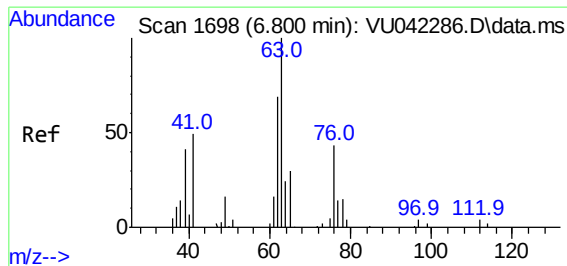
Instrument :
MSVOA_U
ClientSampled :
C0A59



#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35
Tgt Ion: 83 Resp: 8538

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.5	39.7	59.5#

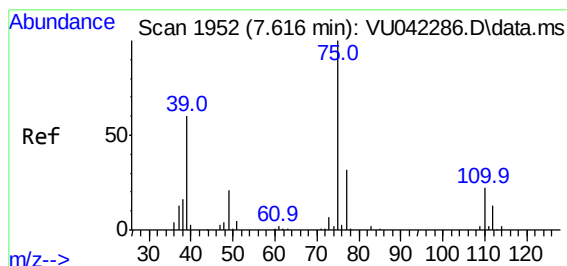
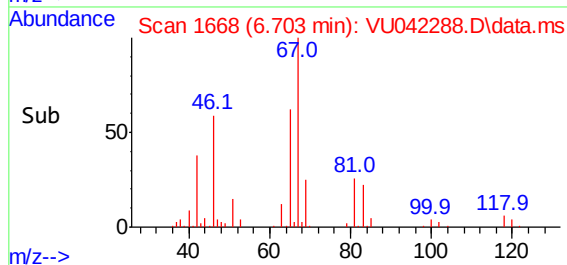
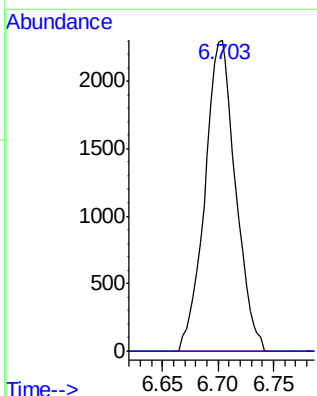
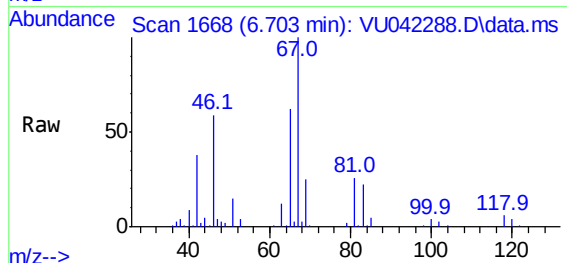




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

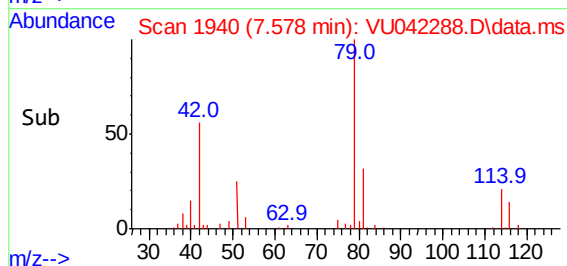
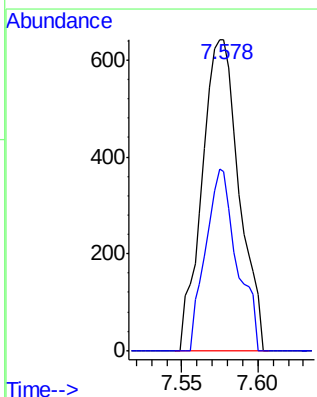
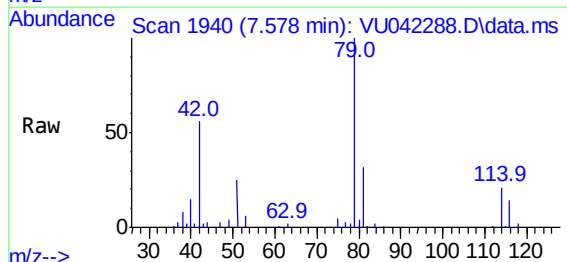
Instrument :
MSVOA_U
ClientSampled :
C0A59

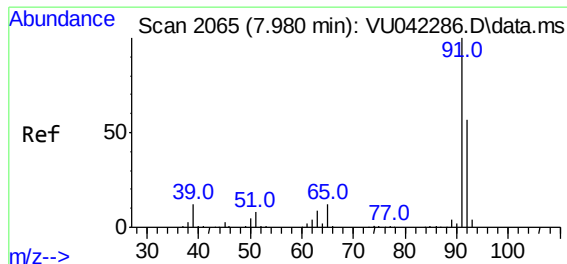
Tgt Ion: 63 Resp: 4419
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

Tgt Ion: 75 Resp: 1090
Ion Ratio Lower Upper
75 100
77 57.5 22.0 40.8#

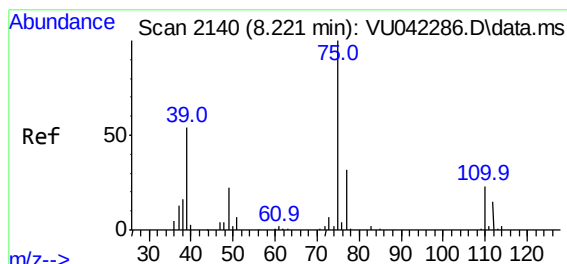
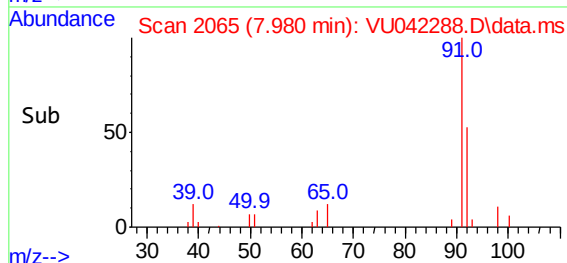
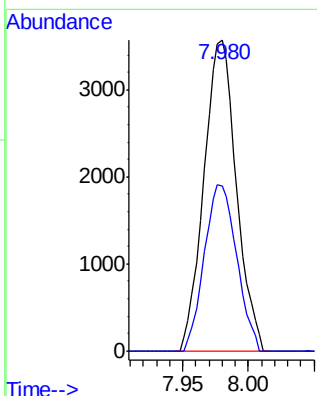
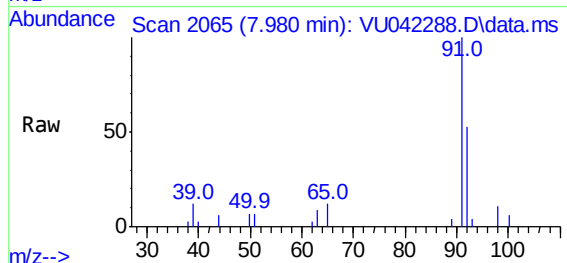




#42
Toluene
Concen: 0.19 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

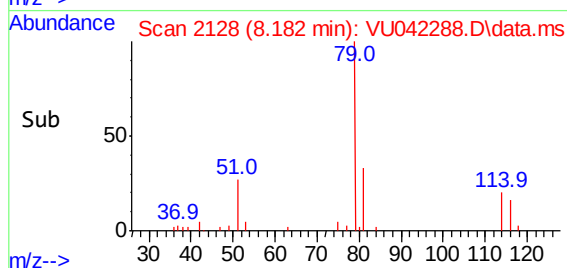
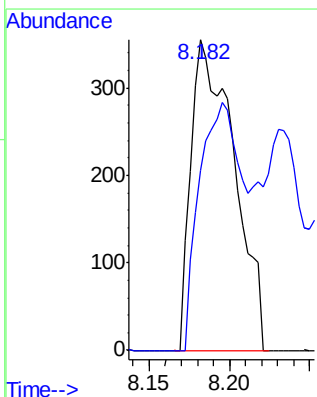
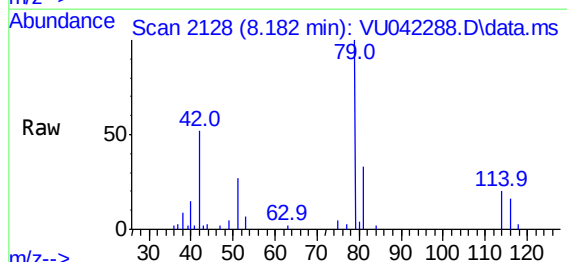
Instrument :
MSVOA_U
ClientSampled :
C0A59

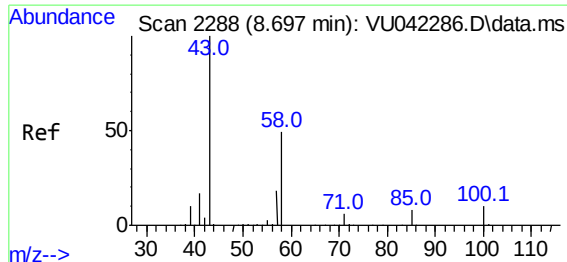
Tgt Ion: 91 Resp: 6126
Ion Ratio Lower Upper
91 100
92 53.1 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

Tgt Ion: 75 Resp: 652
Ion Ratio Lower Upper
75 100
77 58.0 21.8 40.4

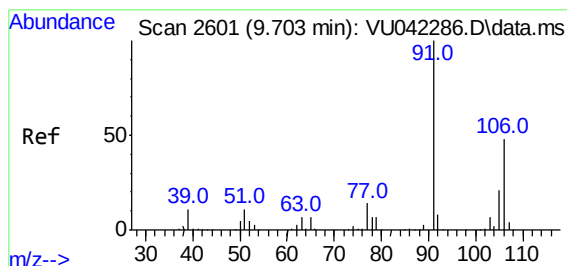
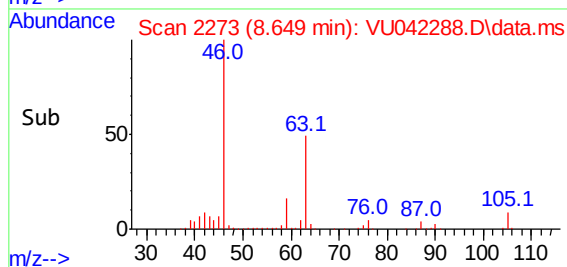
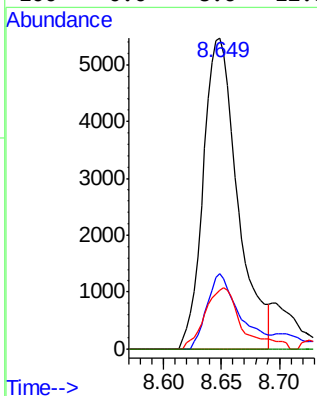
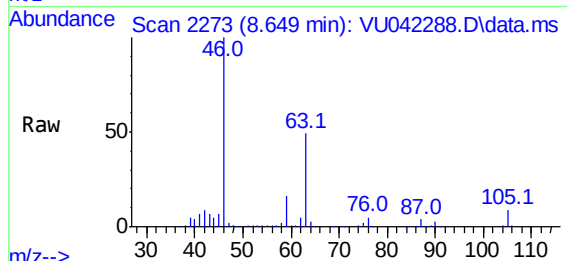




#48
2-Hexanone
Concen: 2.47 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

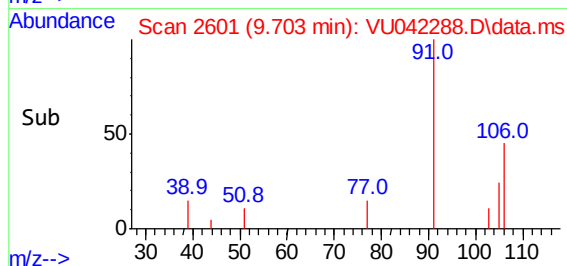
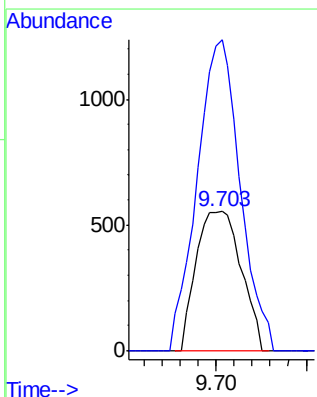
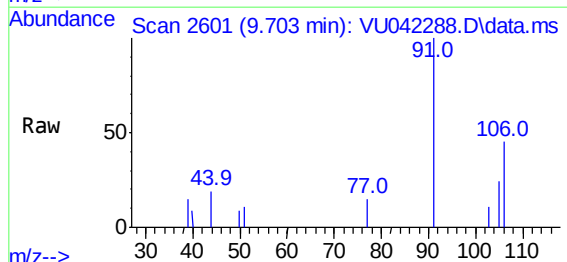
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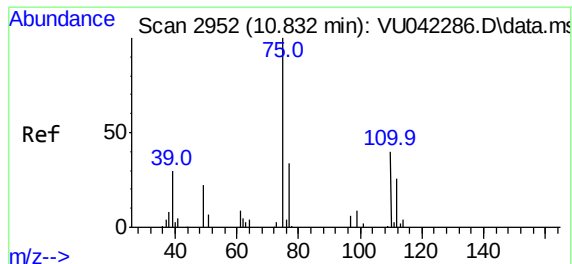
Tgt Ion: 43 Resp: 11263
Ion Ratio Lower Upper
43 100
58 22.8 40.6 61.0#
57 20.9 14.9 22.3
100 0.0 8.6 12.8#



#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

Tgt Ion:106 Resp: 954
Ion Ratio Lower Upper
106 100
91 223.9 145.1 269.5

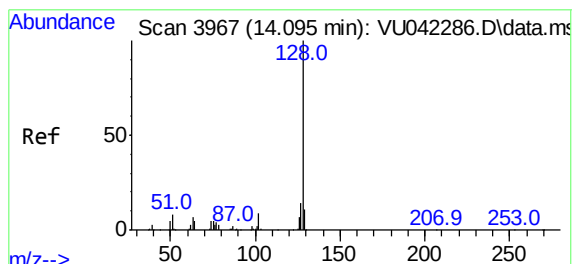
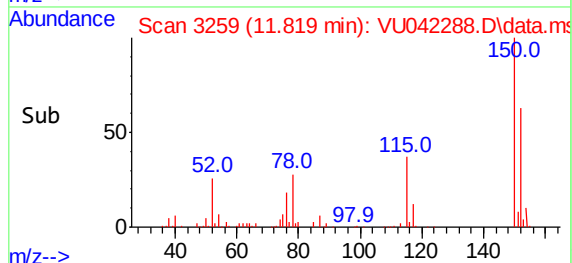
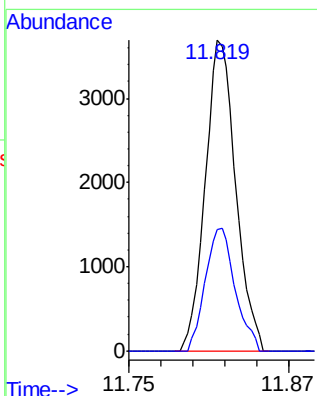
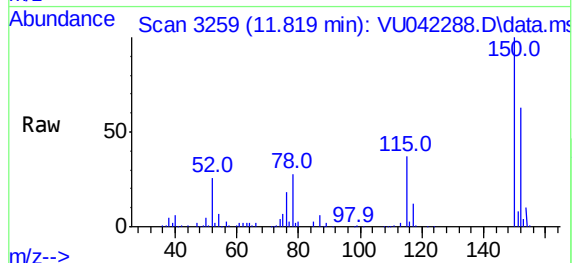




#59
1,2,3-Trichloropropane
Concen: 1.10 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

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ClientSampled :
C0A59

Tgt Ion: 75 Resp: 5944
Ion Ratio Lower Upper
75 100
77 38.4 26.0 39.0



#69
Naphthalene
Concen: 0.05 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042288.D
Acq: 08 Feb 2021 11:35

Tgt Ion:128 Resp: 846
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.6 15.8#

