

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042607.D
 Acq On : 12 Mar 2021 13:51
 Operator : SY/MD
 Sample : M1674-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BD0

Quant Time: Mar 13 05:27:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

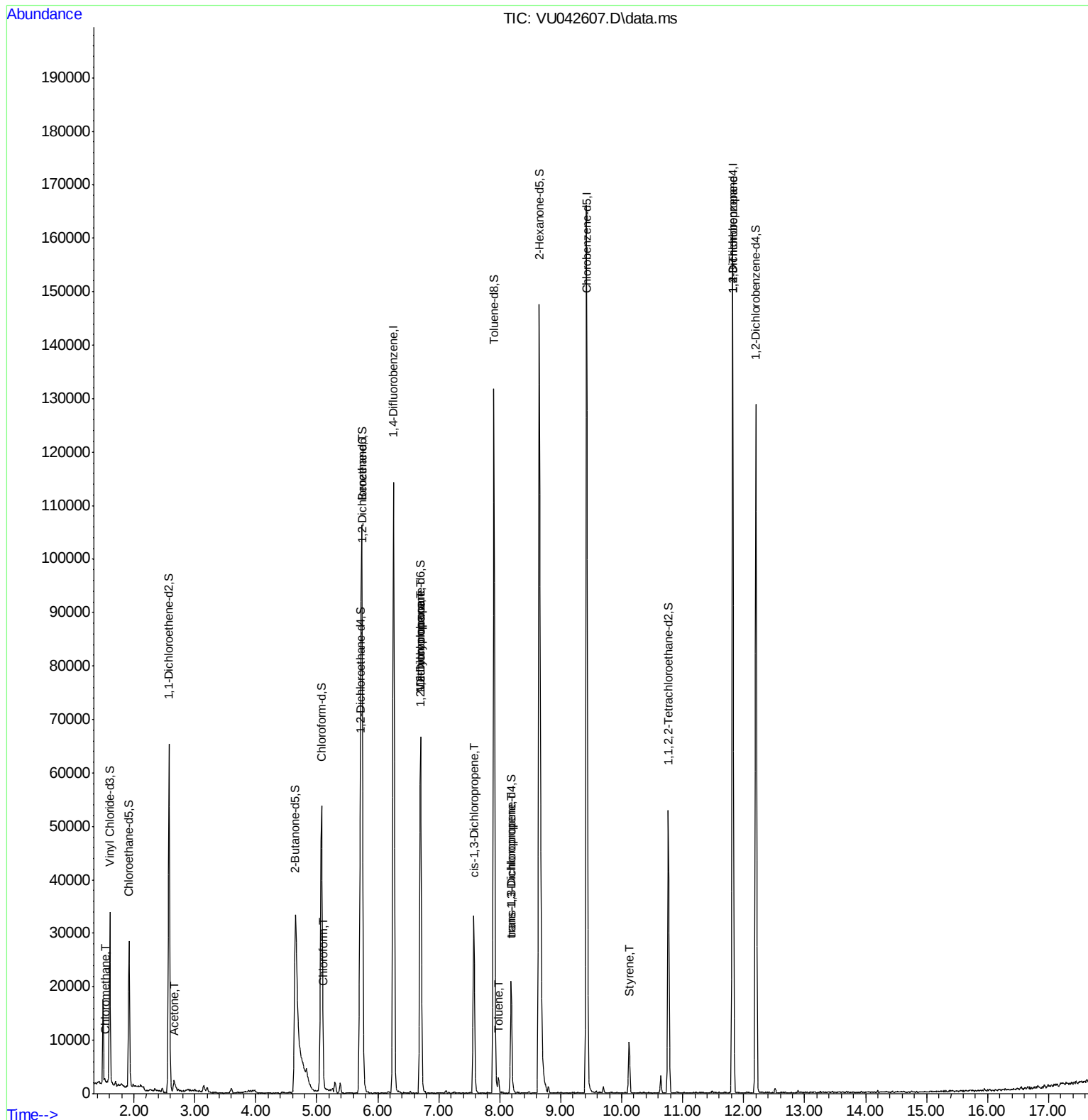
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	88223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	87014	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	39993	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21840	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.919	69	18347	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.575	63	39355	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.649	46	62008	32.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.22%
24) Chloroform-d	5.073	84	47555	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.713	65	32572	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.739	84	86600	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.700	67	28372	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.906	98	84159	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloroprop...	8.189	79	11624	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.649	63	60268	39.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.30%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24920	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	31710	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	485	0.06	ug/L	94
13) Acetone	2.662	43	4027	2.71	ug/L	92
25) Chloroform	5.102	83	1650	0.12	ug/L	85
27) 1,2-Dichloroethane	5.742	62	561	0.06	ug/L #	75
35) Methylcyclohexane	6.700	83	6534	0.57	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3491	0.47	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	844	0.08	ug/L #	54
42) Toluene	7.977	91	1992	0.07	ug/L	92
44) trans-1,3-Dichloropropene	8.186	75	497	0.05	ug/L #	81
55) Styrene	10.121	104	4350	0.21	ug/L	97
59) 1,2,3-Trichloropropane	11.822	75	5838	1.06	ug/L	96

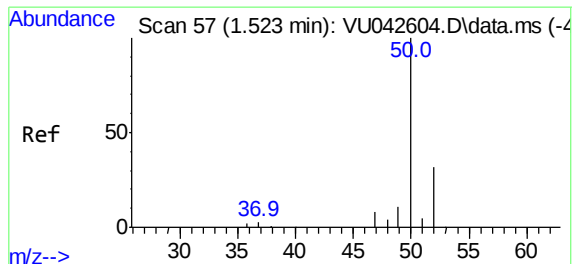
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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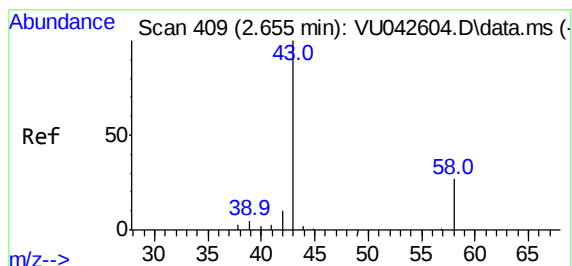
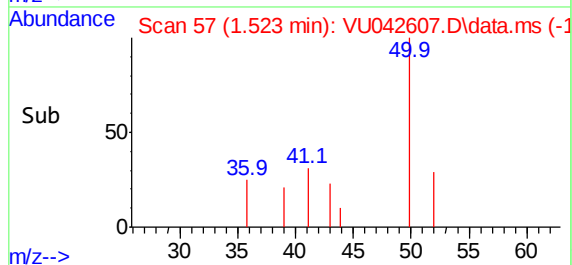
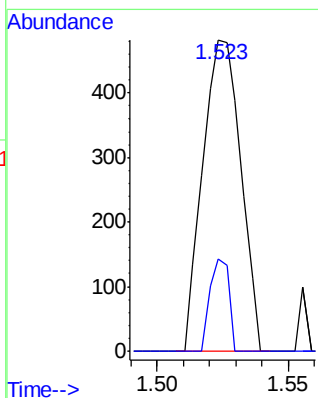
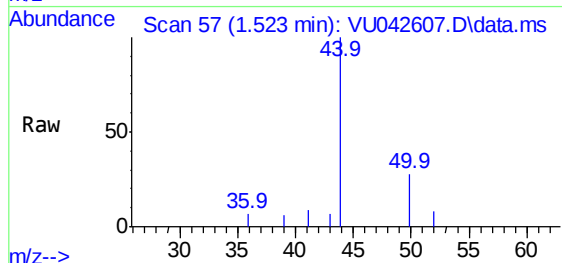




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

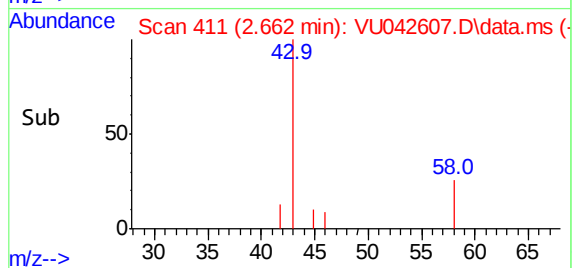
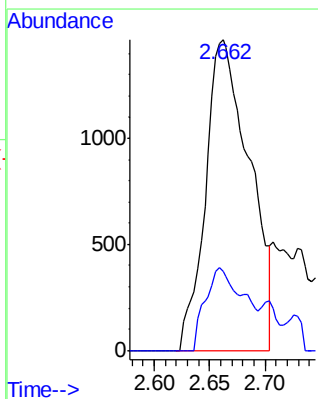
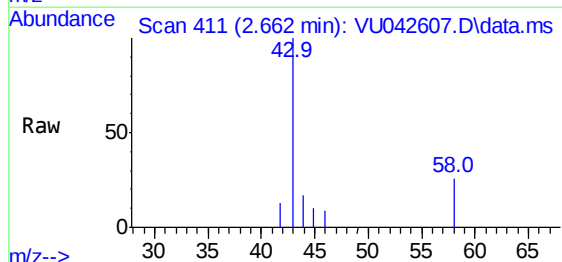
Instrument :
MSVOA_U
ClientSampleId :
C0BD0

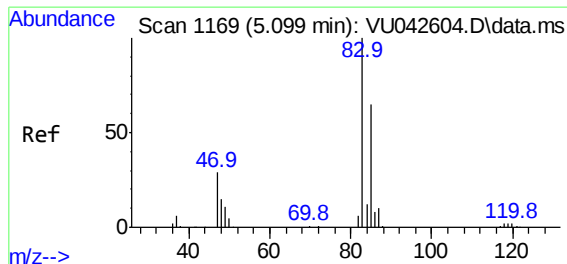
Tgt Ion: 50 Resp: 485
Ion Ratio Lower Upper
50 100
52 29.5 23.0 42.8



#13
Acetone
Concen: 2.71 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.006 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 23.5 0.0 55.8

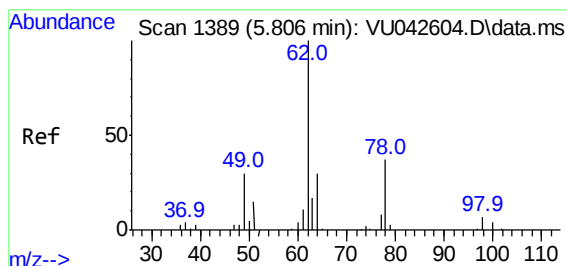
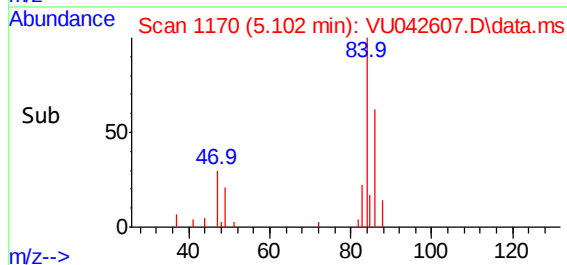
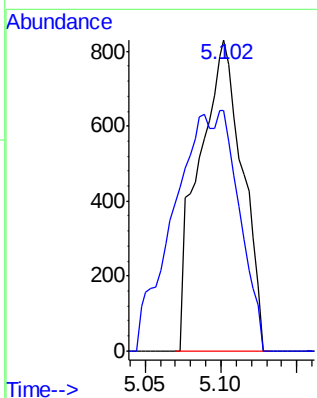
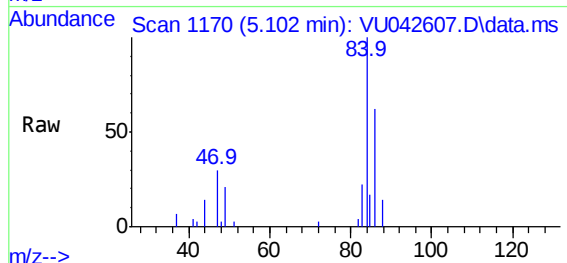




#25
Chloroform
Concen: 0.12 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

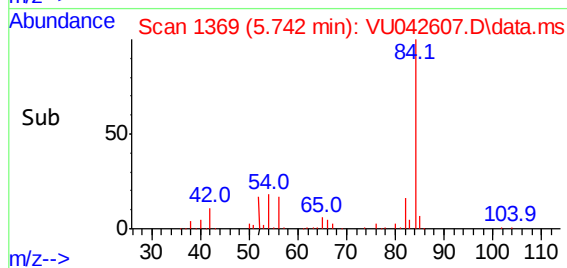
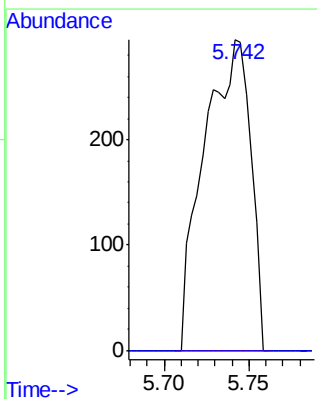
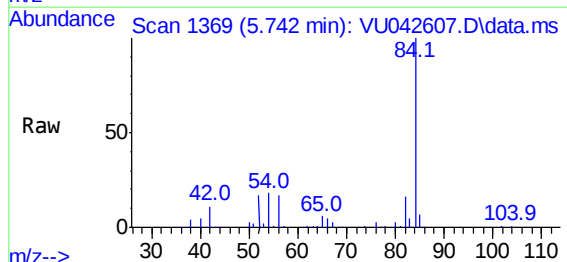
Instrument :
MSVOA_U
ClientSampled :
C0BD0

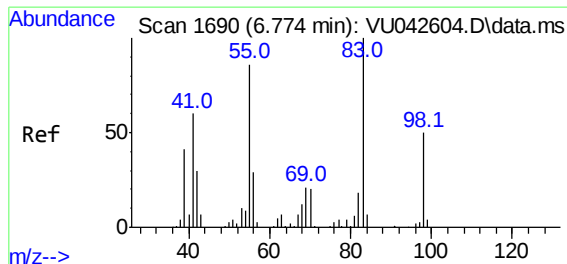
Tgt Ion: 83 Resp: 1650
Ion Ratio Lower Upper
83 100
85 77.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

Tgt Ion: 62 Resp: 561
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

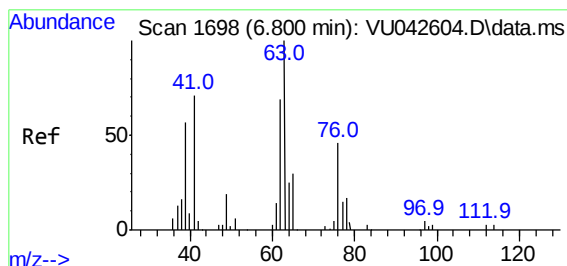
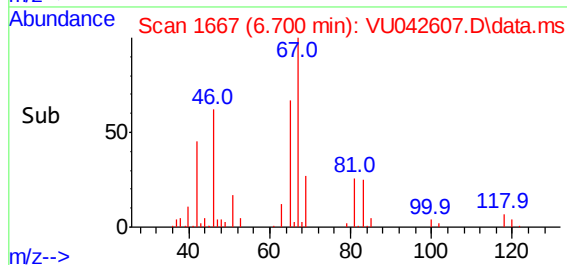
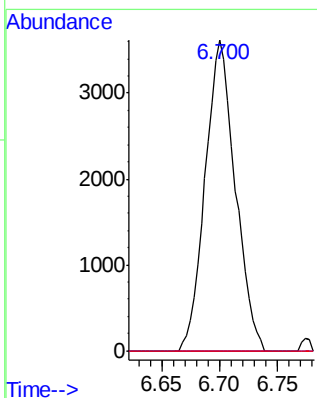
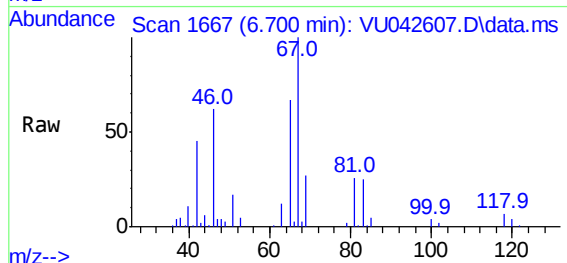




#35
Methylcyclohexane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

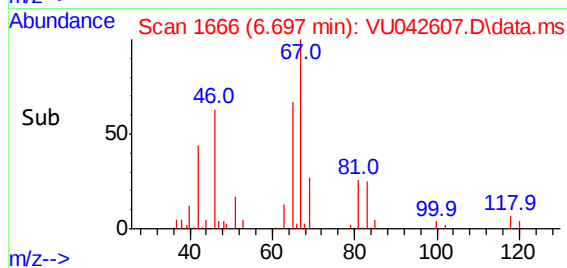
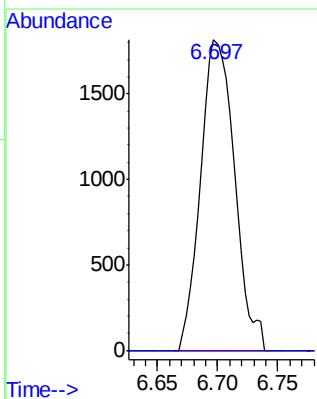
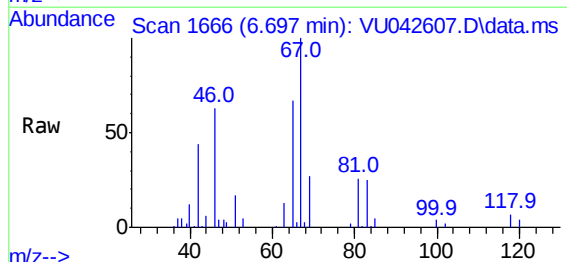
Instrument :
MSVOA_U
ClientSampleId :
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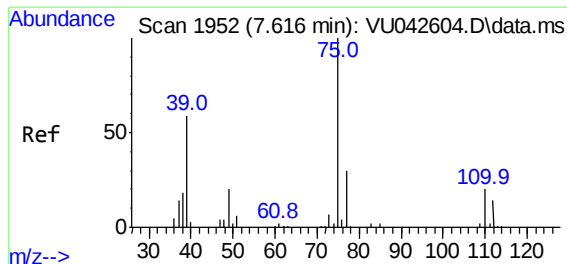
Tgt Ion: 83 Resp: 6534
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.47 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

Tgt Ion: 63 Resp: 3491
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

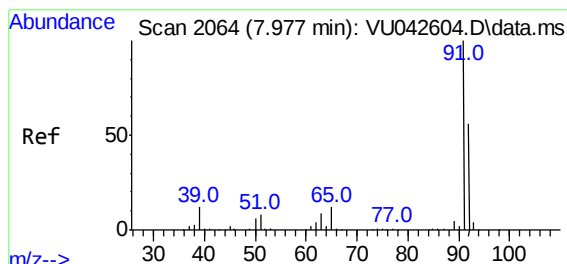
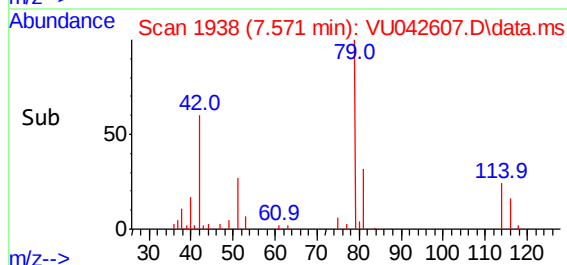
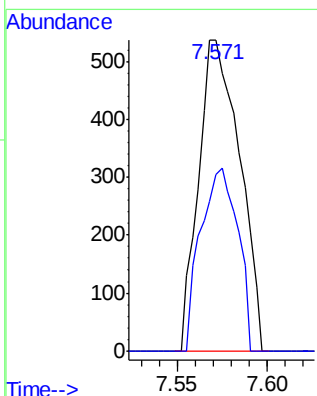
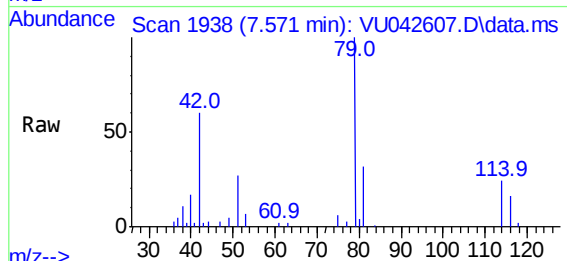




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

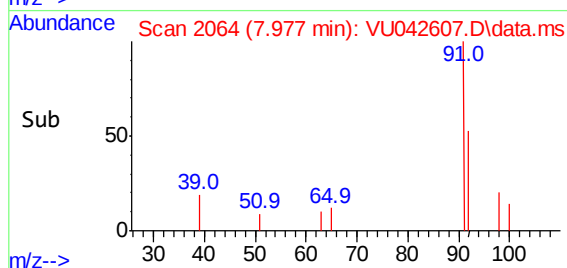
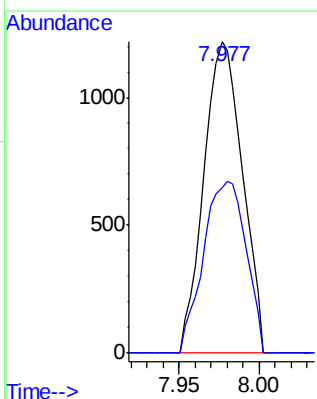
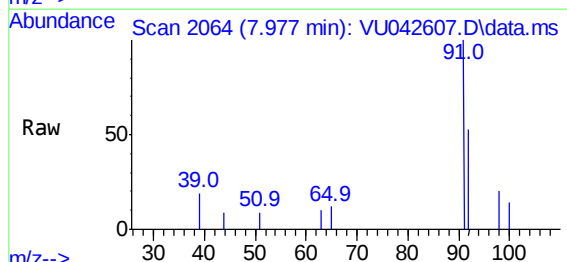
Instrument :
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ClientSampleId :
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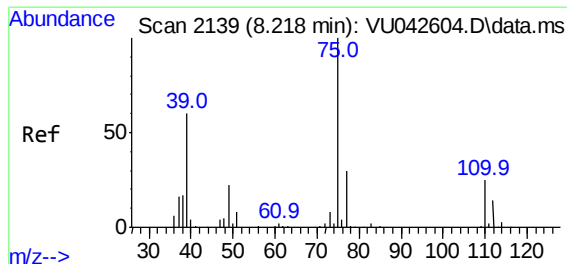
Tgt Ion: 75 Resp: 844
Ion Ratio Lower Upper
75 100
77 56.6 22.0 40.8#



#42
Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

Tgt Ion: 91 Resp: 1992
Ion Ratio Lower Upper
91 100
92 52.8 41.2 76.6



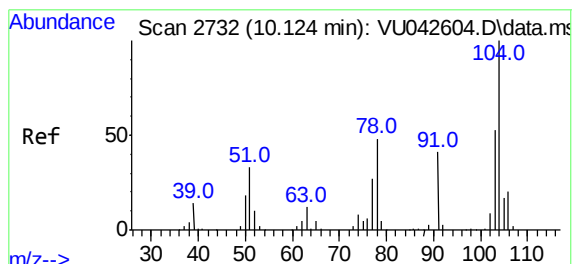
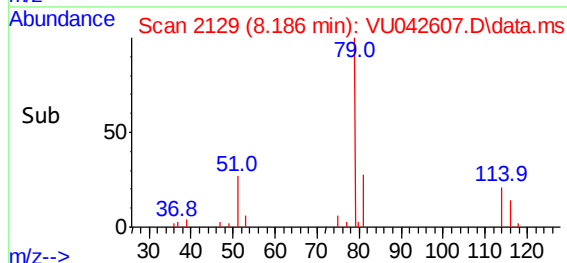
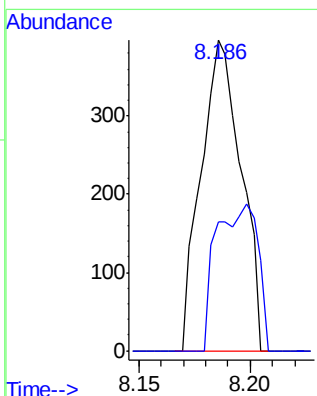
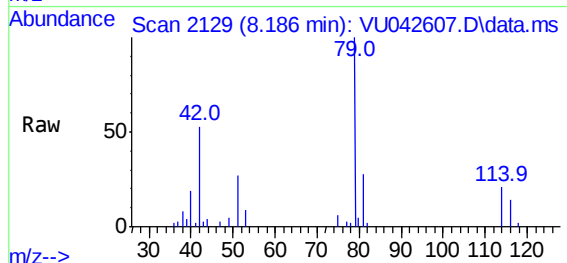


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

Instrument :
MSVOA_U
ClientSampleId :
C0BD0

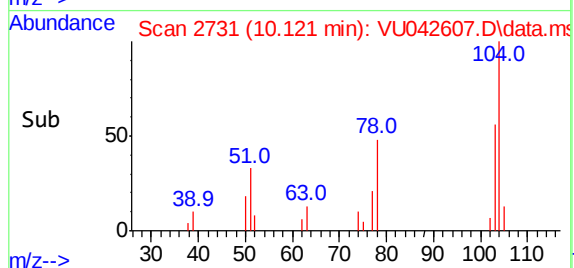
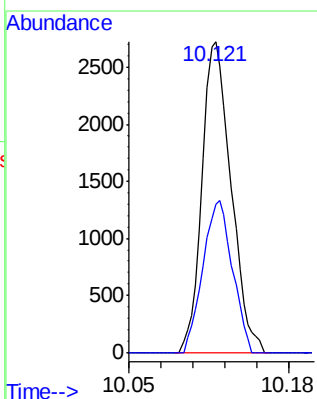
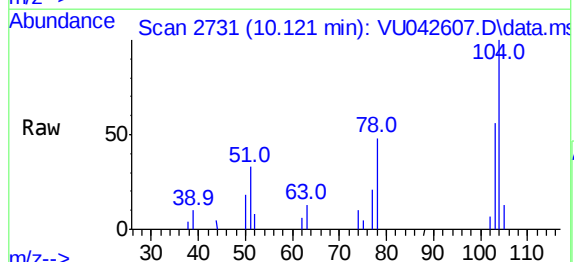
Tgt Ion: 75 Resp: 497
Ion Ratio Lower Upper
75 100
77 41.3 21.8 40.4#

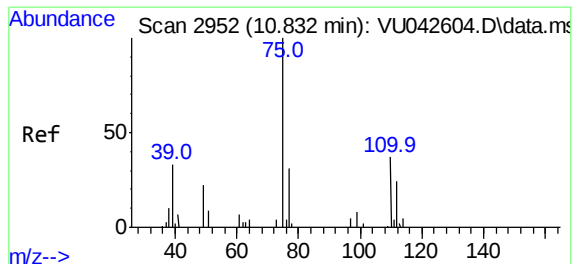


#55

Styrene
Concen: 0.21 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042607.D
Acq: 12 Mar 2021 13:51

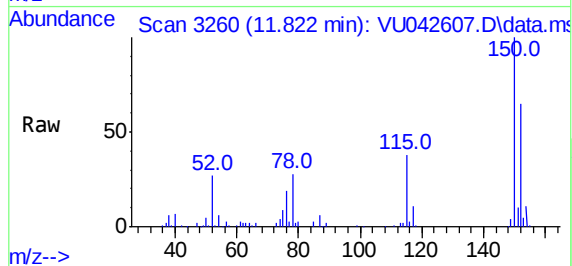
Tgt Ion: 104 Resp: 4350
Ion Ratio Lower Upper
104 100
78 47.6 34.9 64.7





#59
 1,2,3-Trichloropropane
 Concen: 1.06 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042607.D
 Acq: 12 Mar 2021 13:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BD0



Tgt Ion: 75 Resp: 5838
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.0 39.0

