

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042578.D
 Acq On : 11 Mar 2021 21:07
 Operator : SY/MD
 Sample : M1631-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B74

Quant Time: Mar 12 01:35:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 01:30:46 2021
 Response via : Initial Calibration

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

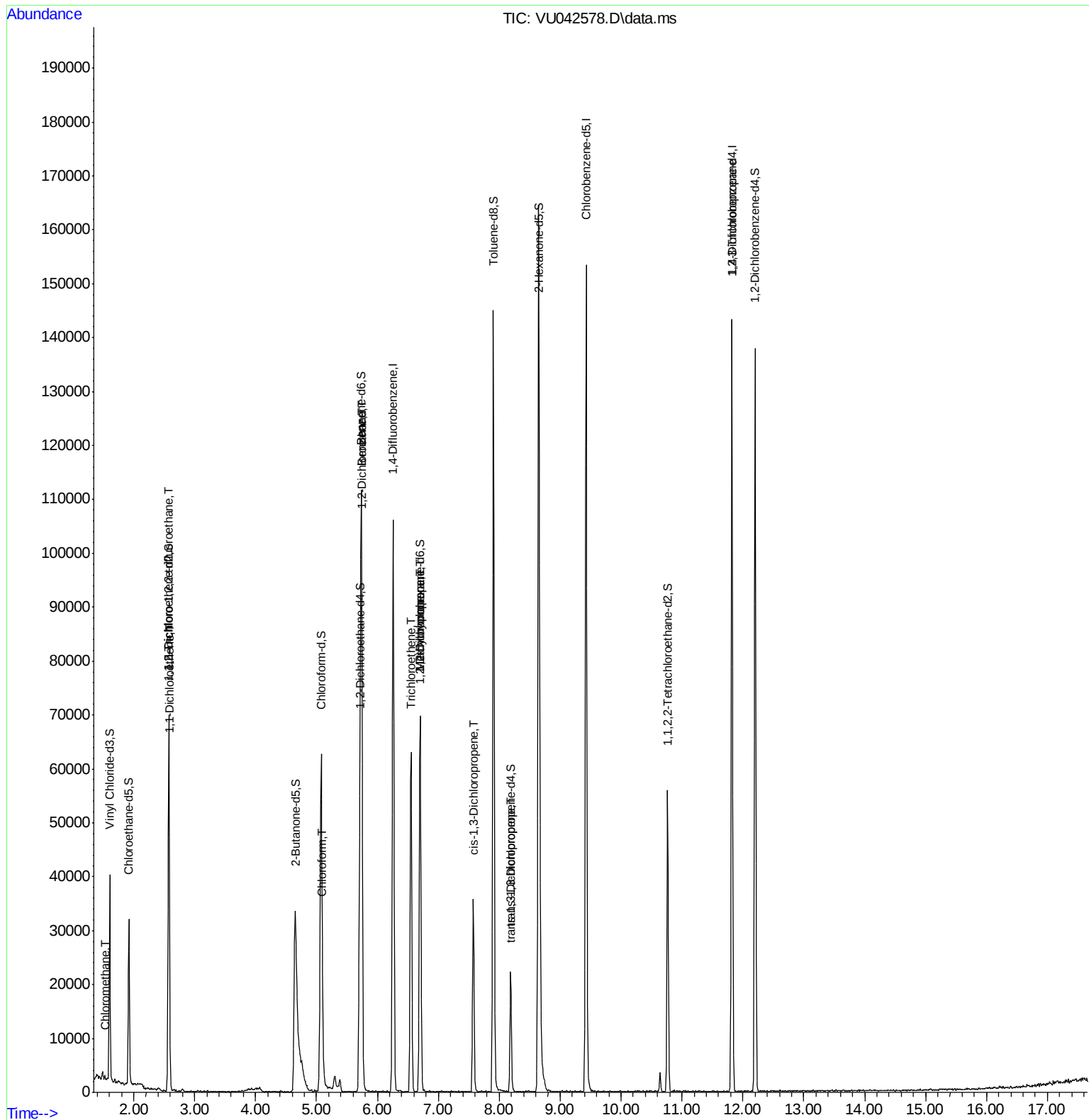
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	81277	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	80347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	36422	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24884	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.919	69	20506	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.575	63	42752	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.652	46	78004	43.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.70%
24) Chloroform-d	5.076	84	51244	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.713	65	34295	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.735	84	93105	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.700	67	30439	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	89439	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	8.189	79	12175	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.645	63	61196	43.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.10%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26204	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	34960	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%
Target Compounds						
3) Chloromethane	1.523	50	708	0.10	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	320	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.581	96	451	0.08	ug/L #	1
25) Chloroform	5.095	83	4211	0.35	ug/L	95
27) 1,2-Dichloroethane	5.742	62	517	0.06	ug/L #	75
33) Benzene	5.738	78	718	0.03	ug/L	100
34) Trichloroethene	6.549	95	20546	2.95	ug/L	96
35) Methylcyclohexane	6.700	83	7142	0.67	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	3893	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	822	0.08	ug/L #	65
44) trans-1,3-Dichloropropene	8.182	75	596	0.07	ug/L	98
59) 1,2,3-Trichloropropane	11.819	75	4485	0.88	ug/L	90

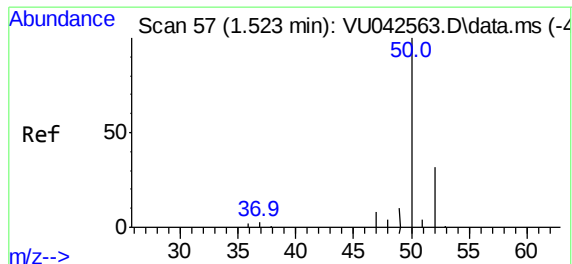
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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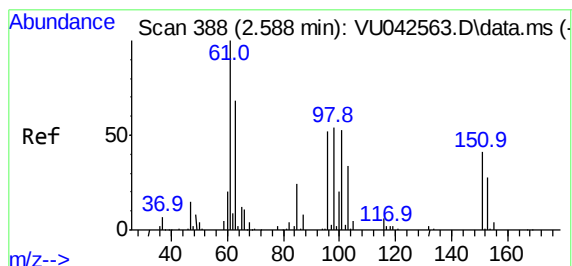
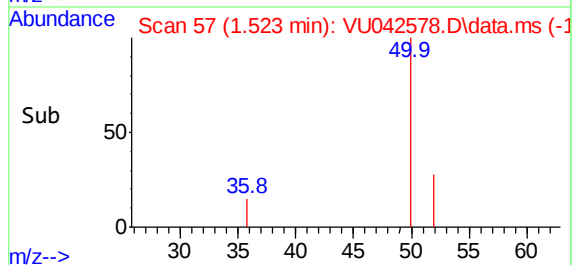
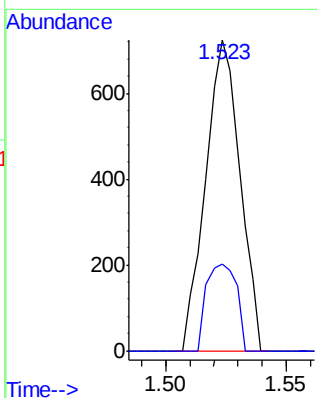
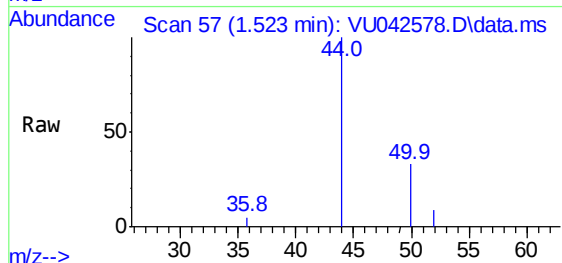




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

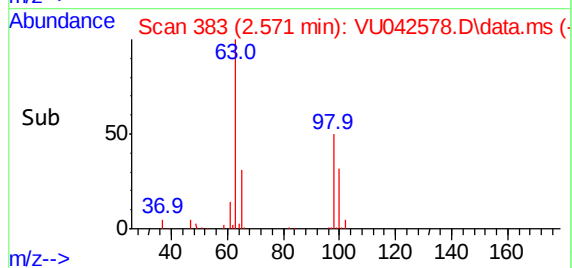
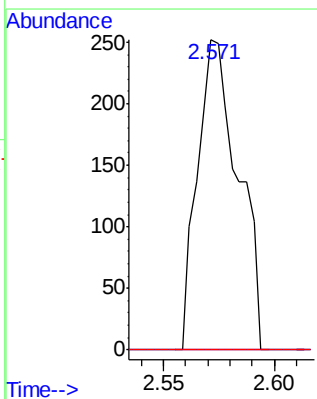
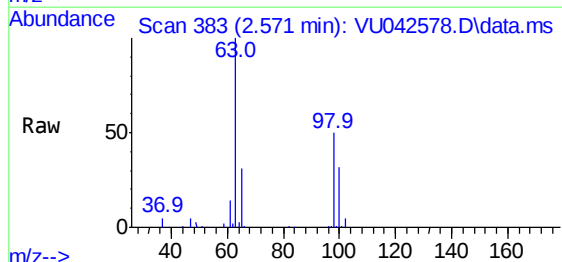
Instrument :
MSVOA_U
ClientSampleId :
C0B74

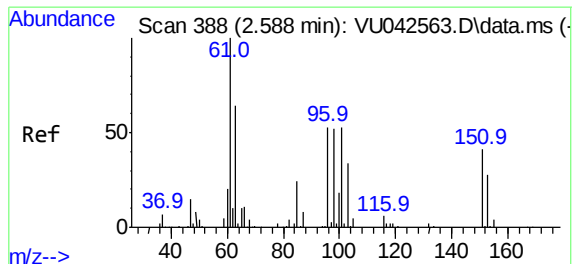
Tgt Ion: 50 Resp: 708
Ion Ratio Lower Upper
50 100
52 27.9 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

Tgt Ion: 101 Resp: 320
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

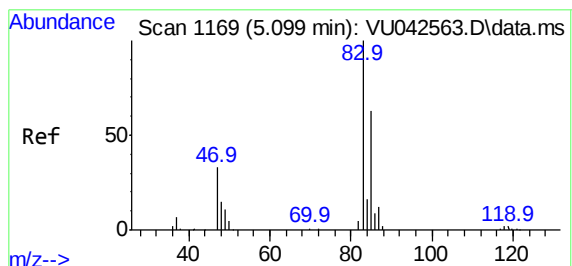
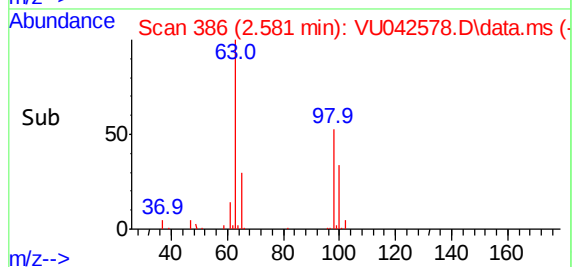
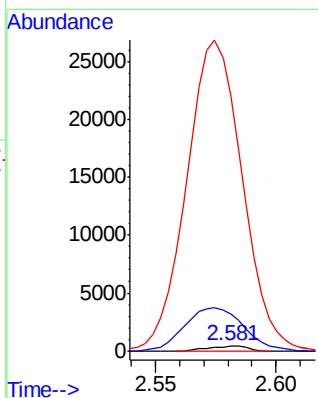
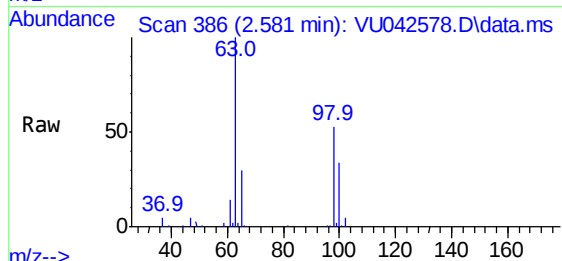




#12
1,1-Dichloroethene
Concen: 0.08 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

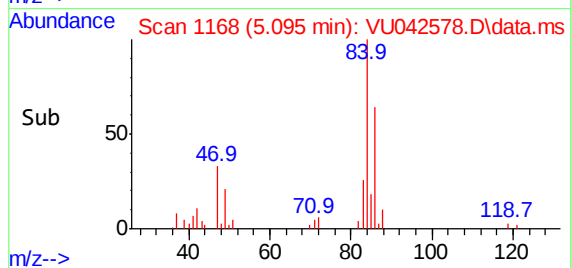
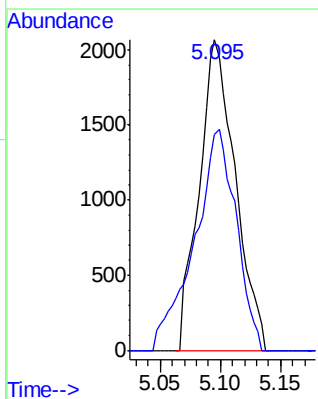
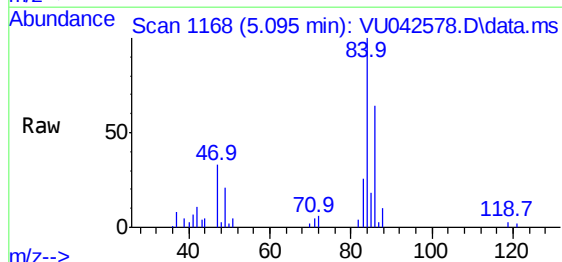
Instrument :
MSVOA_U
ClientSampleId :
C0B74

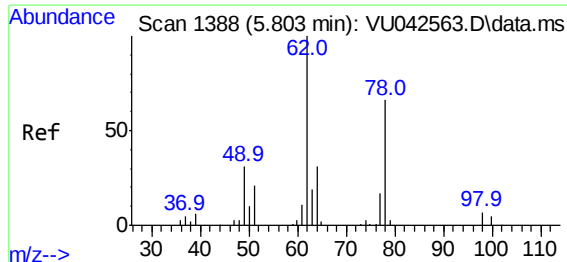
Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 700.2 126.2 234.4#
63 4858.4 77.8 144.4#



#25
Chloroform
Concen: 0.35 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

Tgt Ion: 83 Resp: 4211
Ion Ratio Lower Upper
83 100
85 69.4 45.7 84.9

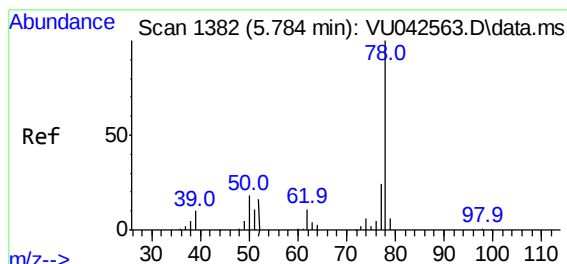
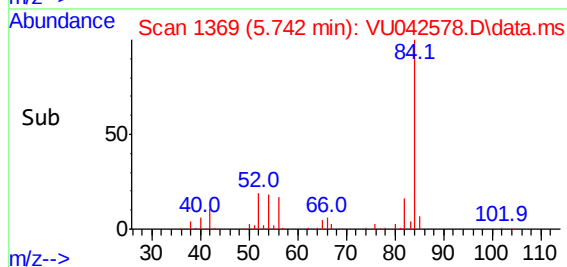
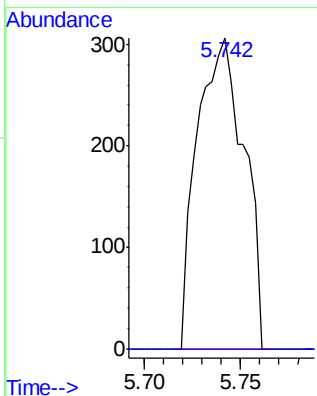
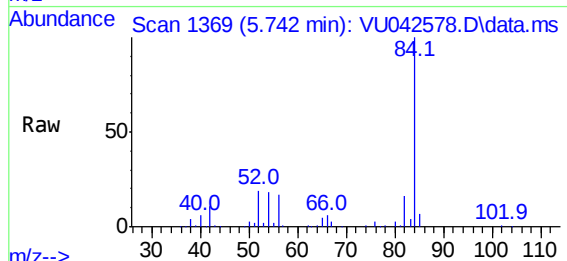




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

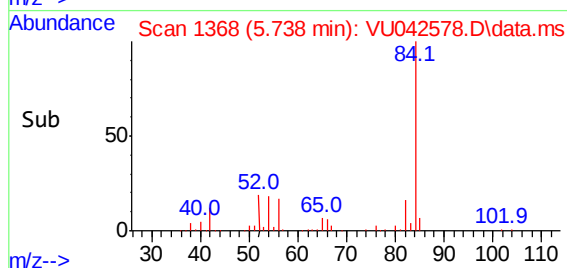
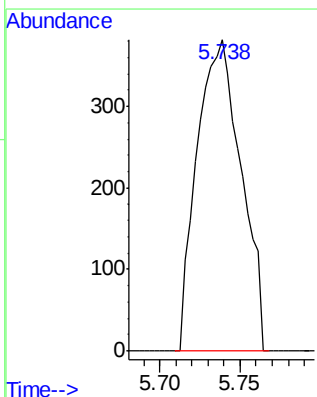
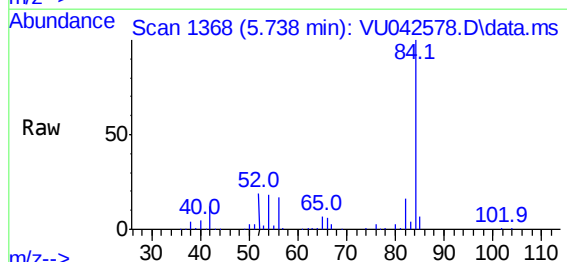
Instrument :
MSVOA_U
ClientSampled :
C0B74

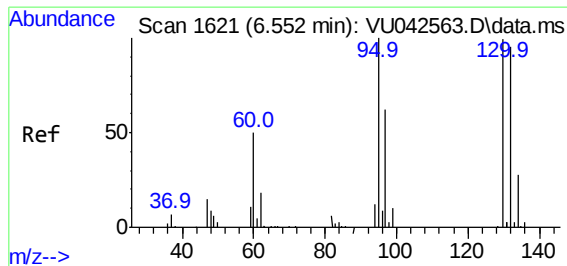
Tgt Ion: 62 Resp: 517
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

Tgt Ion: 78 Resp: 718

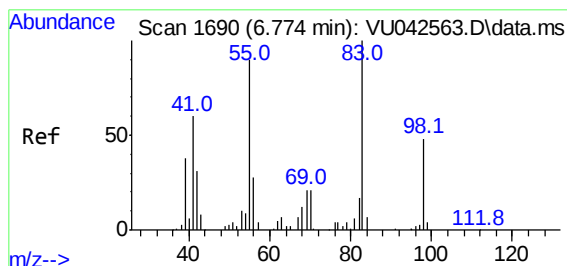
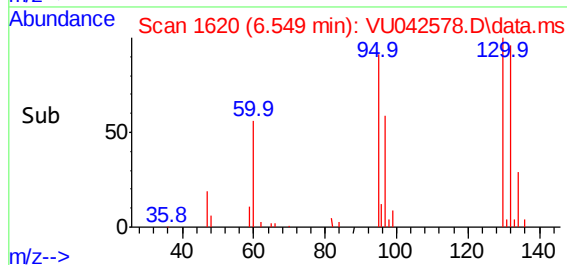
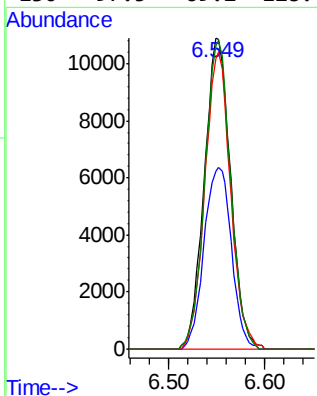
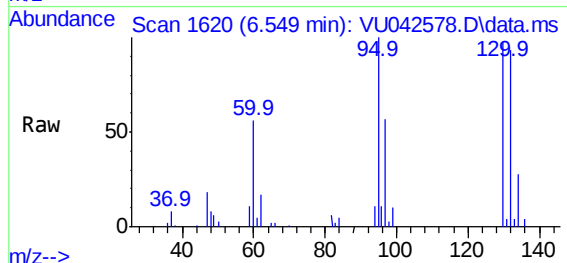




#34
Trichloroethene
Concen: 2.95 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

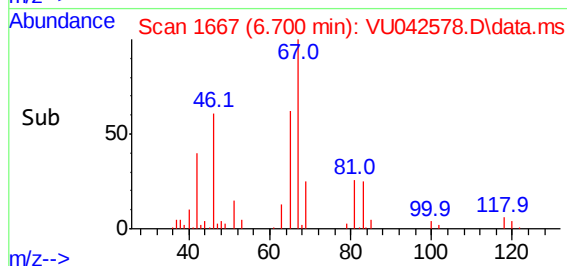
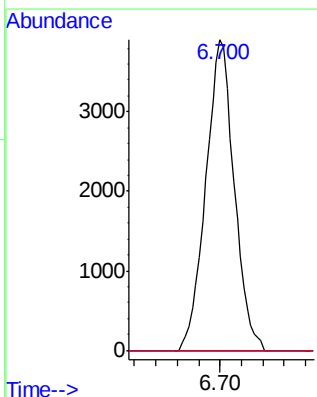
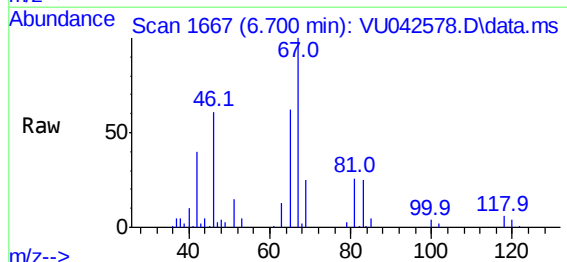
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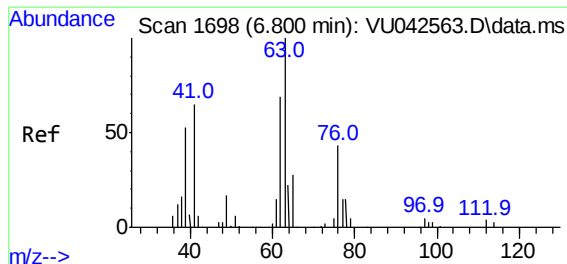
Tgt Ion: 95 Resp: 20546
Ion Ratio Lower Upper
95 100
97 57.1 44.4 82.4
132 93.5 68.0 126.4
130 97.5 69.2 128.4



#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

Tgt Ion: 83 Resp: 7142
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 7.4 39.7 59.5#

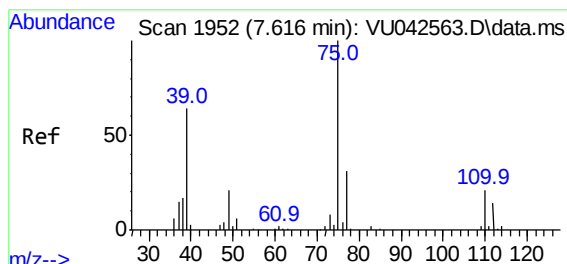
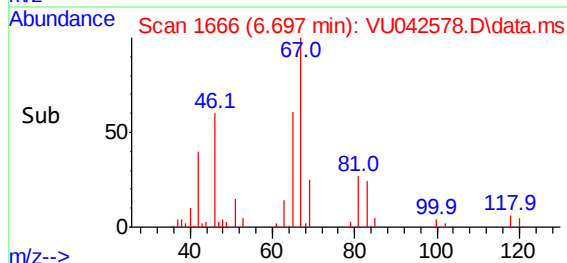
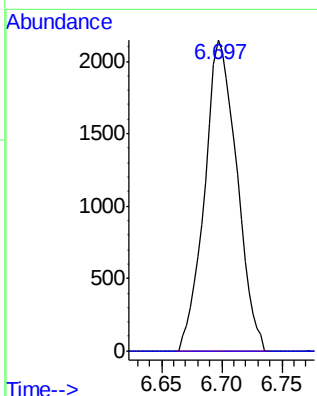
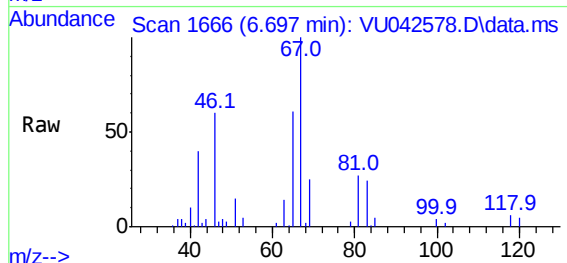




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

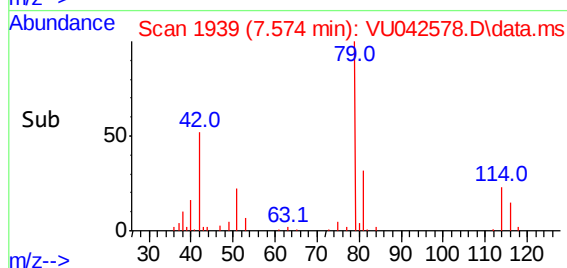
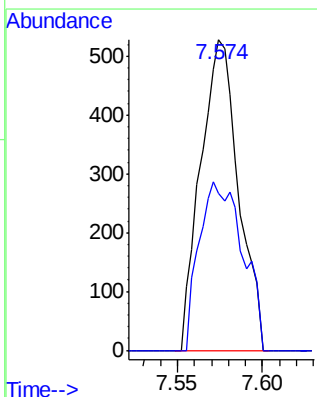
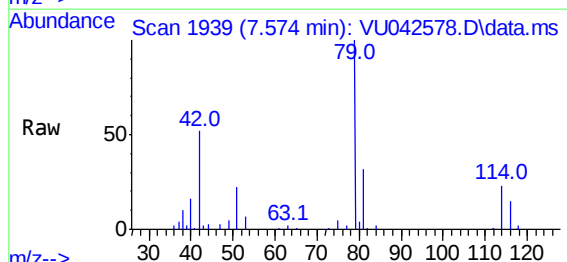
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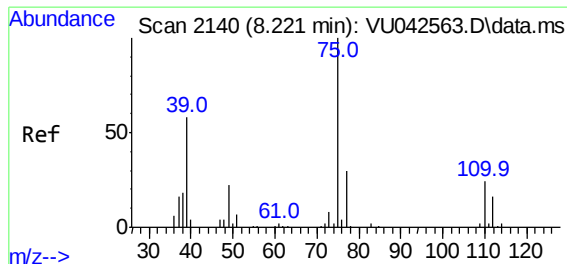
Tgt Ion: 63 Resp: 3893
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

Tgt Ion: 75 Resp: 822
Ion Ratio Lower Upper
75 100
77 50.8 22.0 40.8#



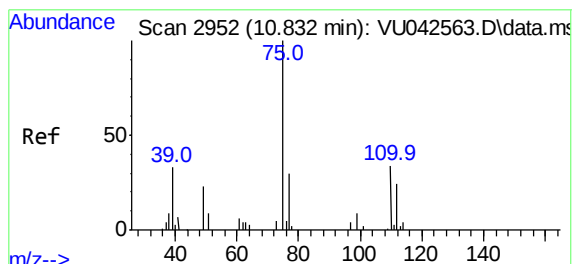
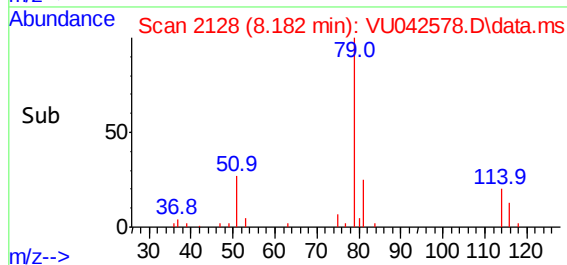
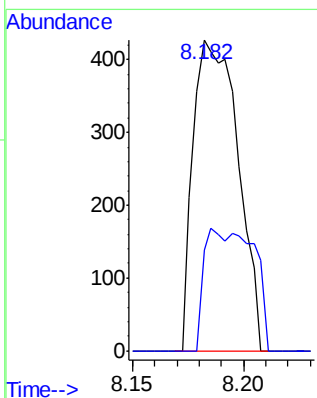
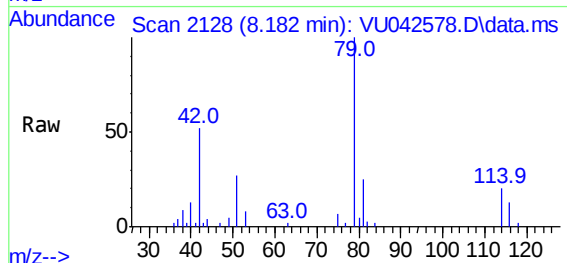


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

Instrument :
MSVOA_U
ClientSampled :
C0B74

Tgt Ion: 75 Resp: 596
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.4



#59

1,2,3-Trichloropropane
Concen: 0.88 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042578.D
Acq: 11 Mar 2021 21:07

Tgt Ion: 75 Resp: 4485
Ion Ratio Lower Upper
75 100
77 38.1 26.0 39.0

