

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042597.D
 Acq On : 12 Mar 2021 05:08
 Operator : SY/MD
 Sample : M1654-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC7

Quant Time: Mar 12 05:44:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

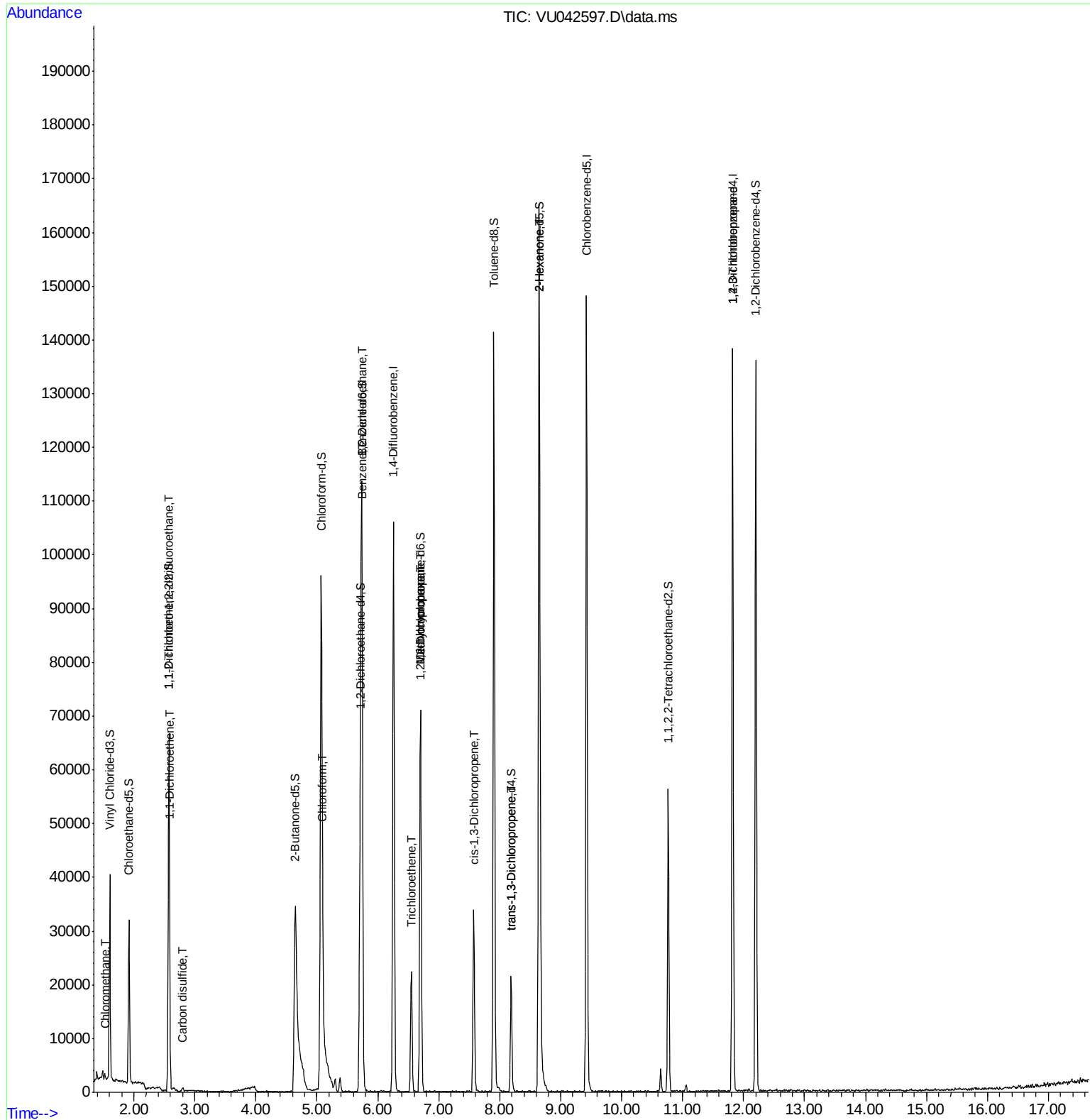
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	79173	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	76522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35064	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25334	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.919	69	20308	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.575	63	41129	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.649	46	87635	50.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.14%
24) Chloroform-d	5.073	84	49818	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.713	65	33991	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.739	84	93438	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.700	67	30585	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.906	98	89025	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloroprop...	8.189	79	11546	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.645	63	59528	43.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25583	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	33833	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%
Target Compounds						
3) Chloromethane	1.523	50	623	0.09	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	371	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	516	0.09	ug/L #	1
14) Carbon disulfide	2.803	76	885	0.05	ug/L #	75
25) Chloroform	5.096	83	1257	0.11	ug/L	89
27) 1,2-Dichloroethane	5.739	62	677	0.08	ug/L #	75
33) Benzene	5.742	78	630	0.03	ug/L	100
34) Trichloroethene	6.552	95	7034	1.06	ug/L	97
35) Methylcyclohexane	6.700	83	7000	0.69	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	3913	0.61	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	870	0.09	ug/L #	63
44) trans-1,3-Dichloropropene	8.189	75	592	0.07	ug/L #	57
48) 2-Hexanone	8.649	43	9617	2.31	ug/L #	70
59) 1,2,3-Trichloropropane	11.819	75	4391	0.90	ug/L	90

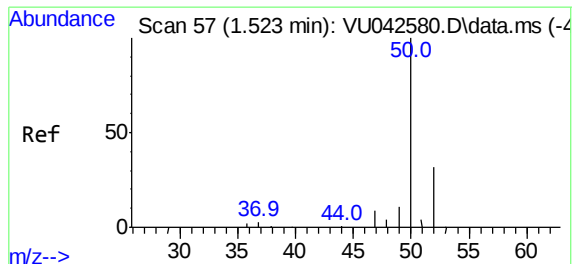
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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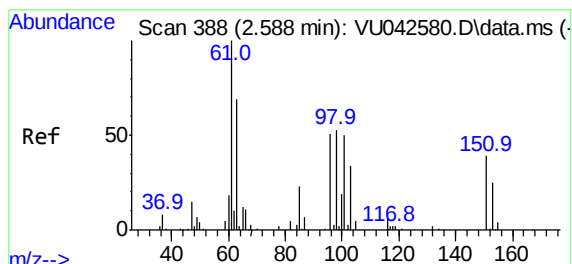
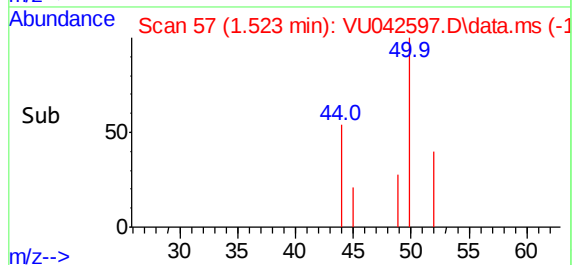
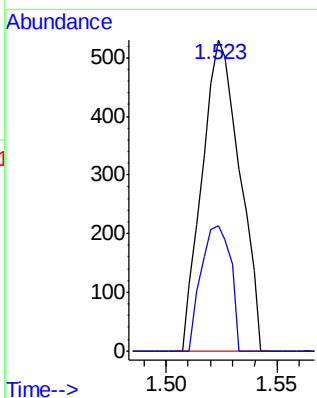
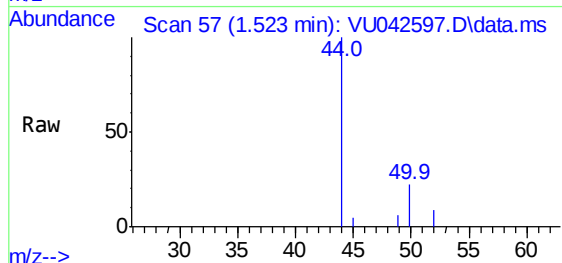




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

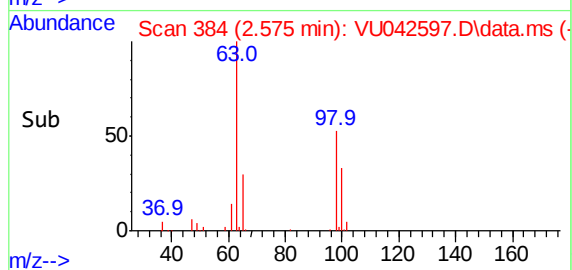
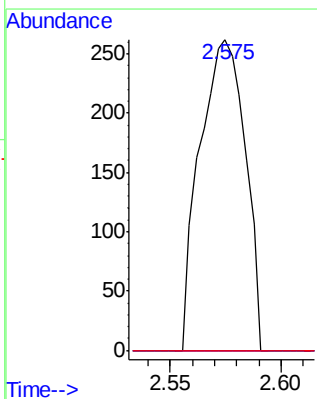
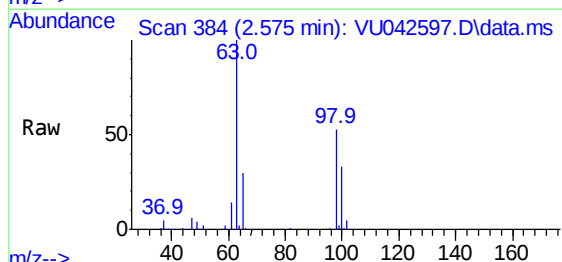
Instrument :
MSVOA_U
ClientSampleId :
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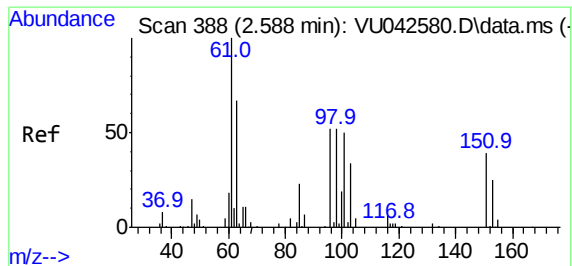
Tgt Ion: 50 Resp: 623
Ion Ratio Lower Upper
50 100
52 40.2 23.0 42.8



#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: VU042597.D
Acq: 12 Mar 2021 05:08

Tgt Ion: 101 Resp: 371
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

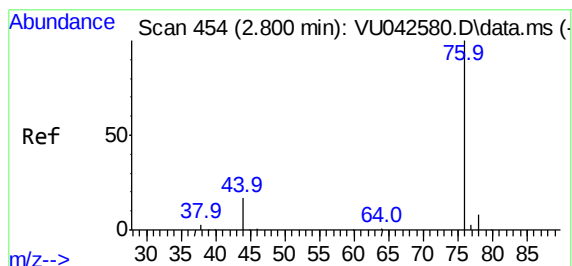
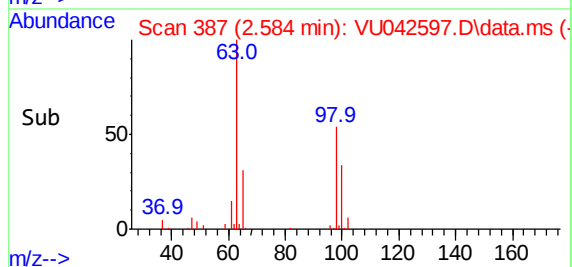
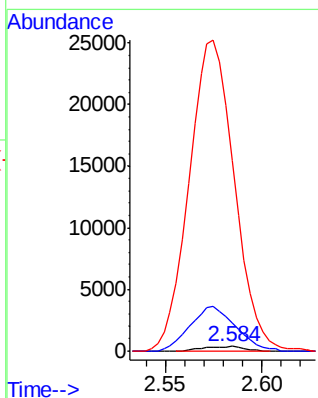
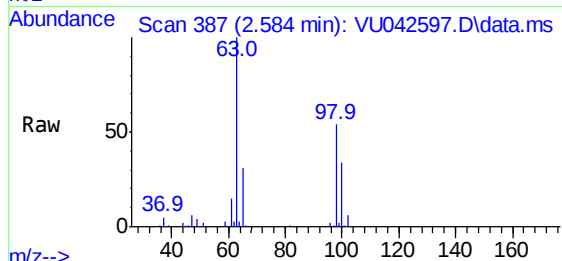




#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

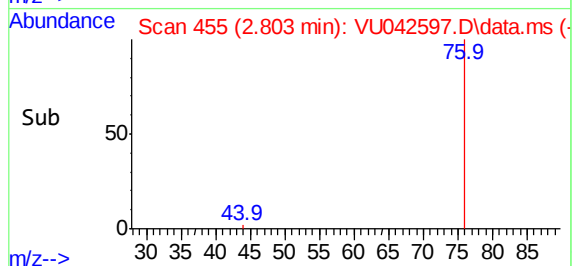
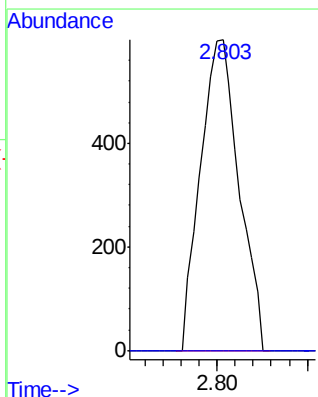
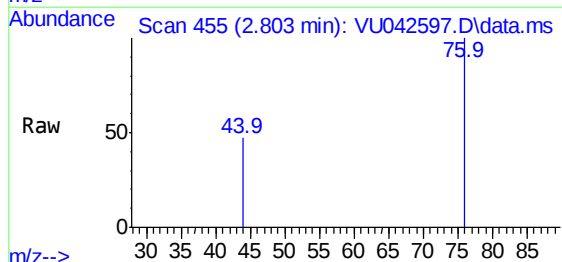
Instrument :
MSVOA_U
ClientSampleId :
C0BC7

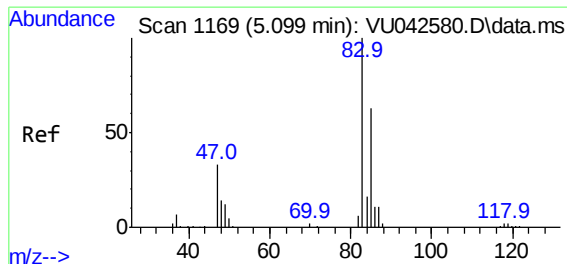
Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 636.8 126.2 234.4#
63 4368.3 77.8 144.4#



#14
Carbon disulfide
Concen: 0.05 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Tgt Ion: 76 Resp: 885
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

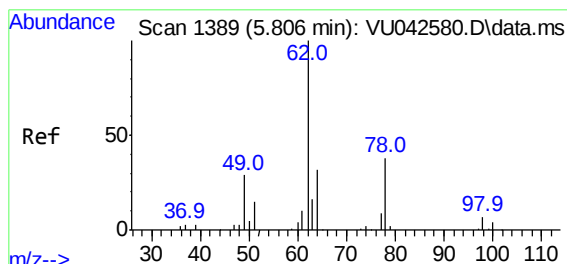
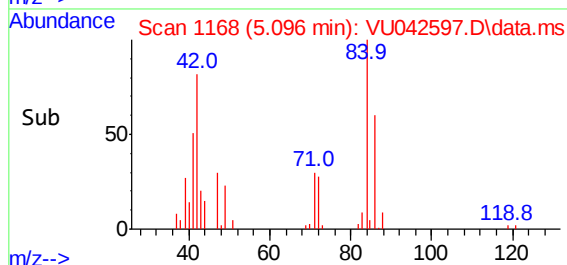
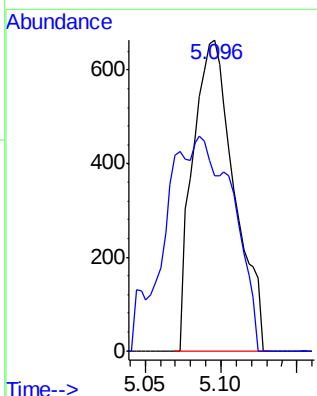
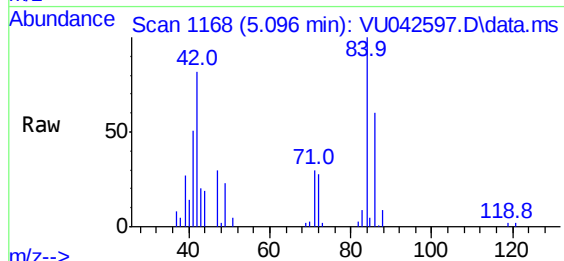




#25
Chloroform
Concen: 0.11 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

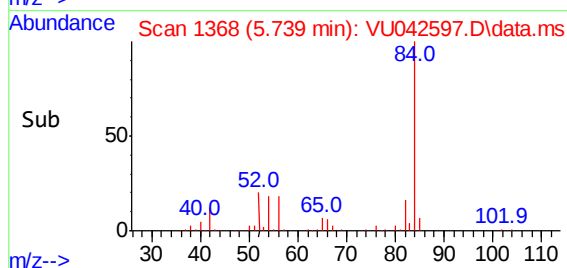
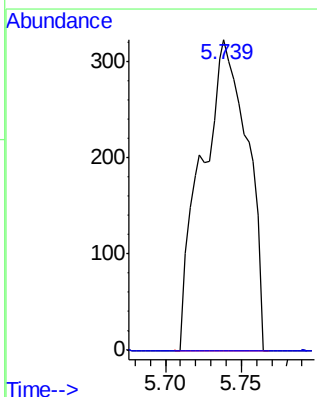
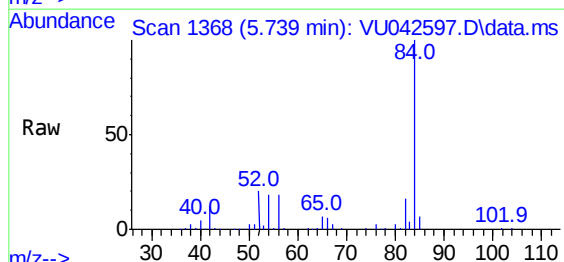
Instrument :
MSVOA_U
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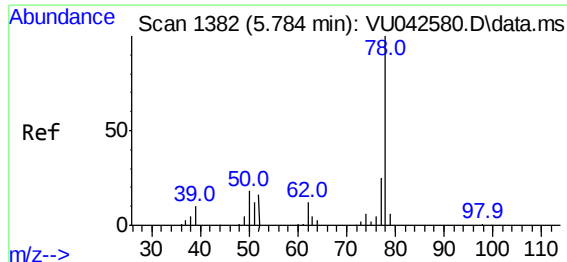
Tgt Ion: 83 Resp: 1257
Ion Ratio Lower Upper
83 100
85 56.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.067 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Tgt Ion: 62 Resp: 677
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

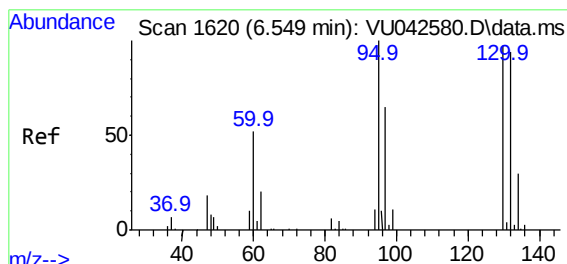
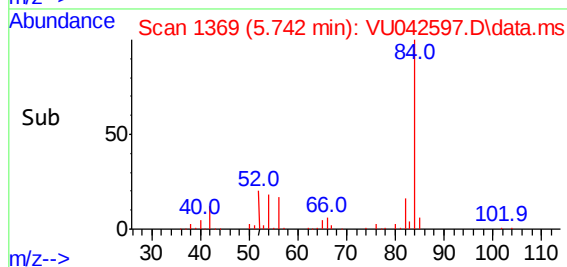
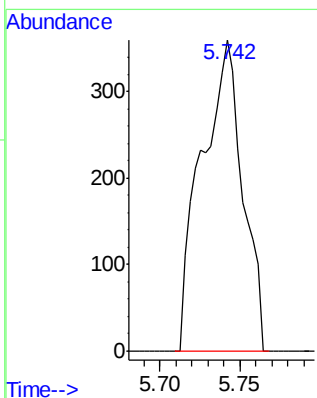
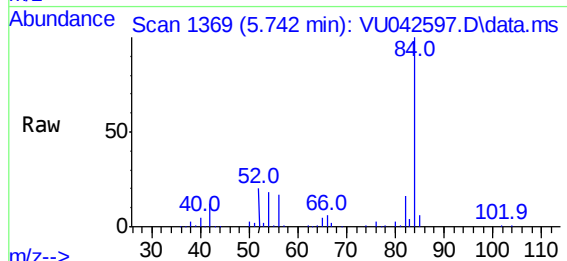




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Instrument :
MSVOA_U
ClientSampleId :
C0BC7

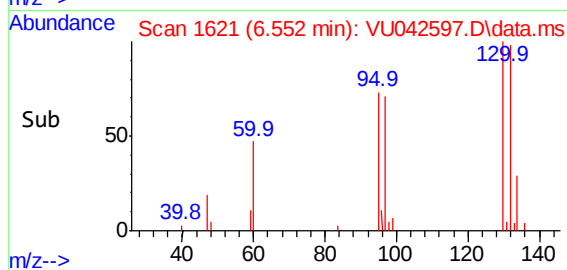
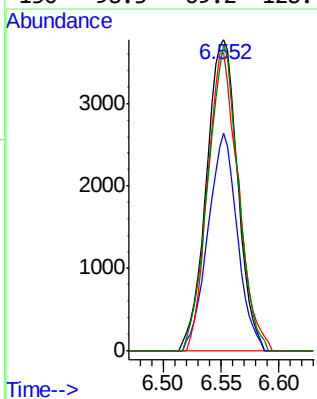
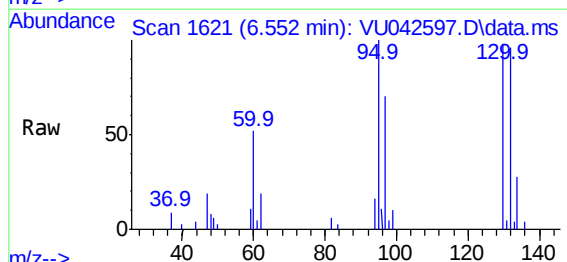
Tgt Ion: 78 Resp: 630

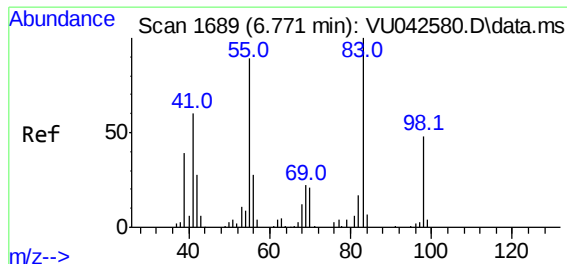


#34
Trichloroethene
Concen: 1.06 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Tgt Ion: 95 Resp: 7034

Ion	Ratio	Lower	Upper
95	100		
97	69.8	44.4	82.4
132	95.9	68.0	126.4
130	98.3	69.2	128.4

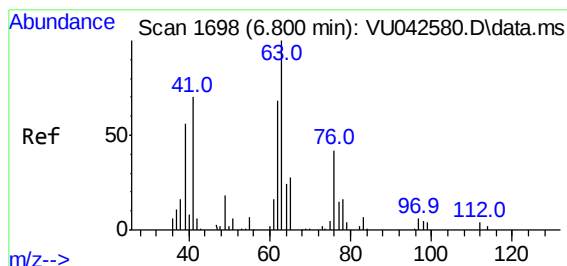
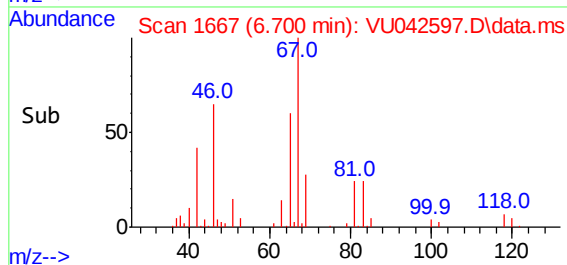
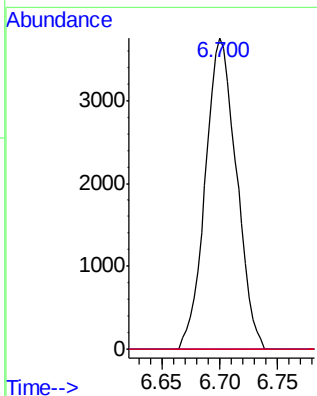
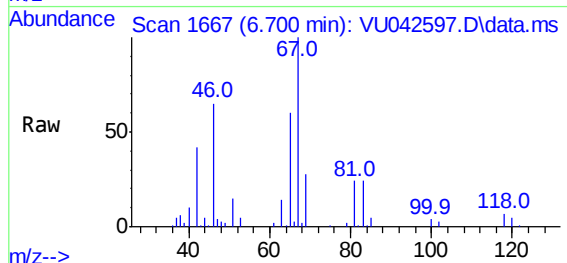




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

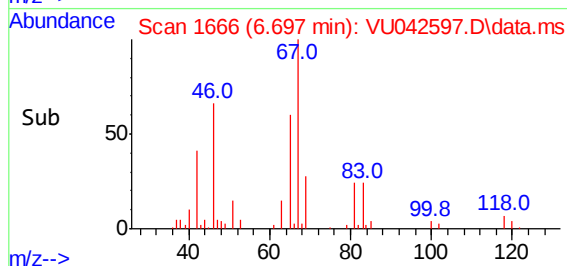
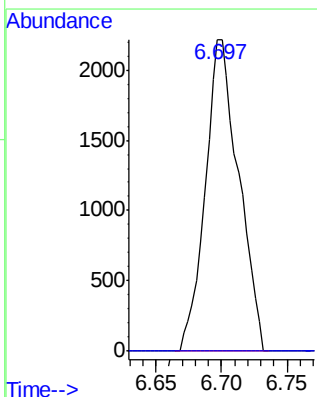
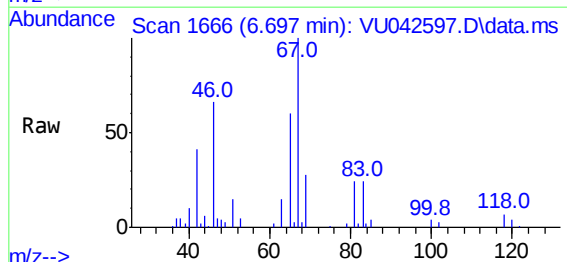
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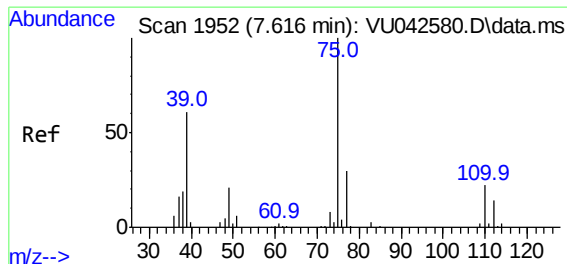
Tgt Ion: 83 Resp: 7000
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 10.7 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Tgt Ion: 63 Resp: 3913
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

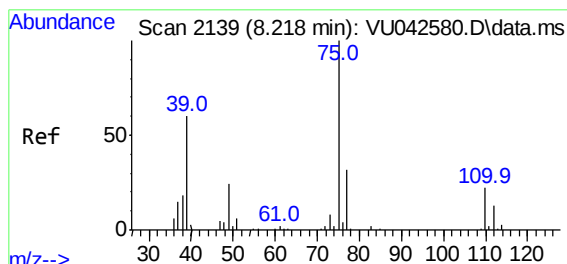
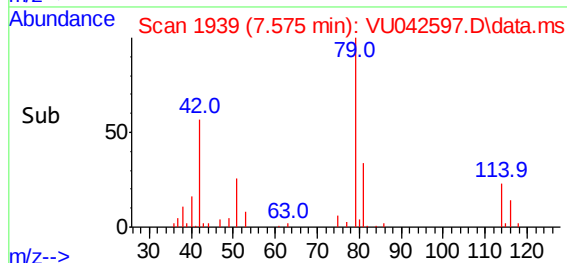
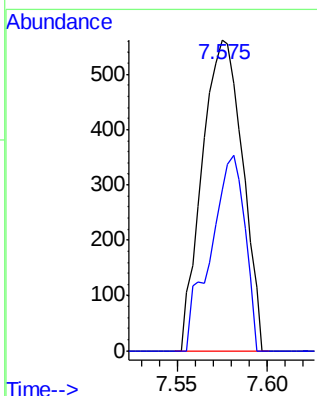
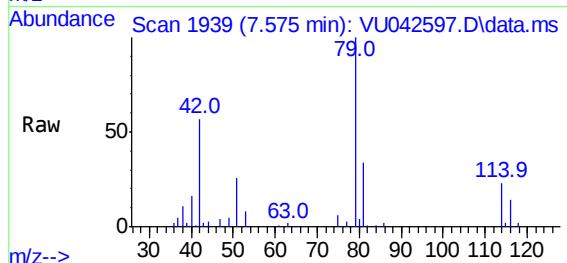




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

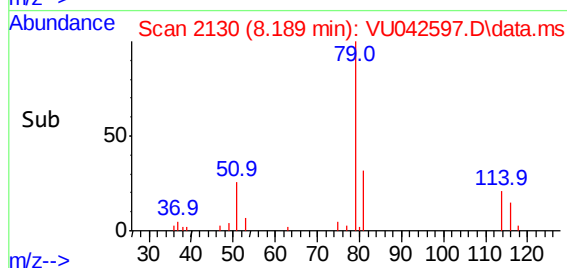
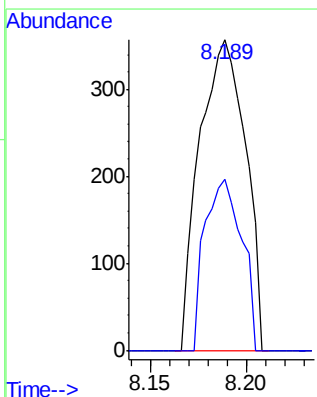
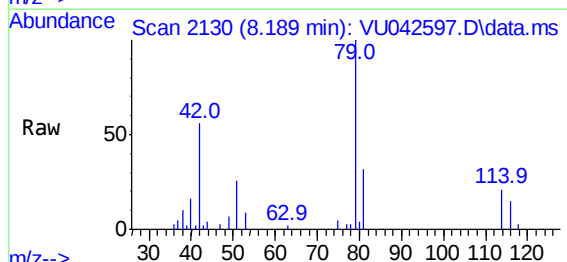
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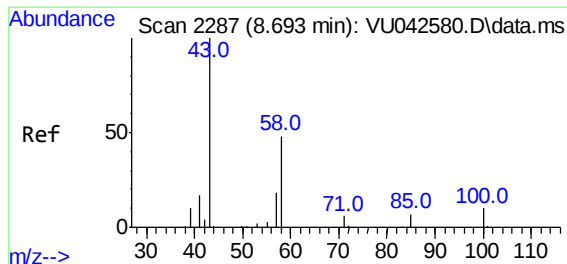
Tgt Ion: 75 Resp: 870
Ion Ratio Lower Upper
75 100
77 51.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Tgt Ion: 75 Resp: 592
Ion Ratio Lower Upper
75 100
77 54.9 21.8 40.4#

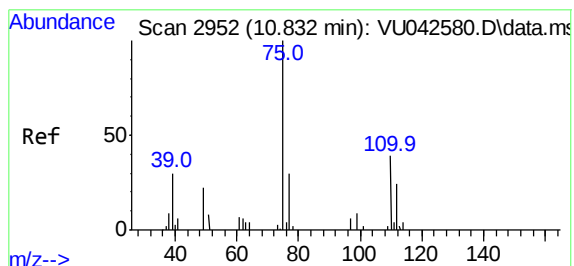
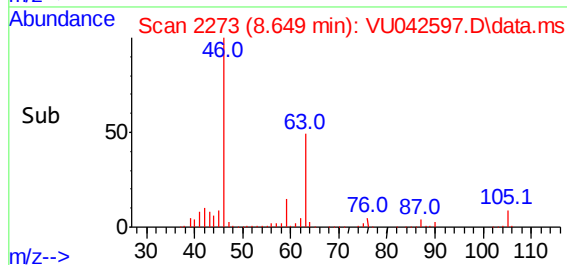
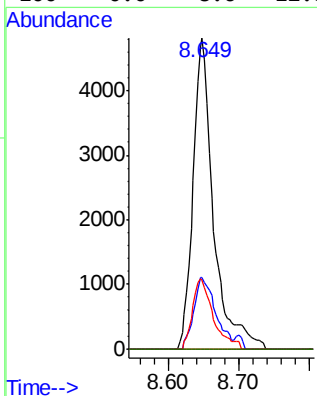
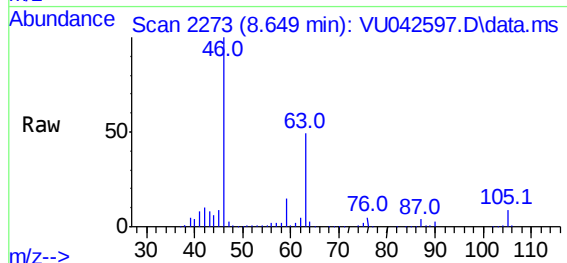




#48
2-Hexanone
Concen: 2.31 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	43	Resp:	9617
Ion	Ratio	Lower	Upper
43	100		
58	24.7	40.6	61.0#
57	22.9	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.90 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042597.D
Acq: 12 Mar 2021 05:08

Tgt Ion:	75	Resp:	4391
Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.0	39.0

