

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042629.D
 Acq On : 12 Mar 2021 23:35
 Operator : SY/MD
 Sample : M1679-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5

Quant Time: Mar 13 06:42:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

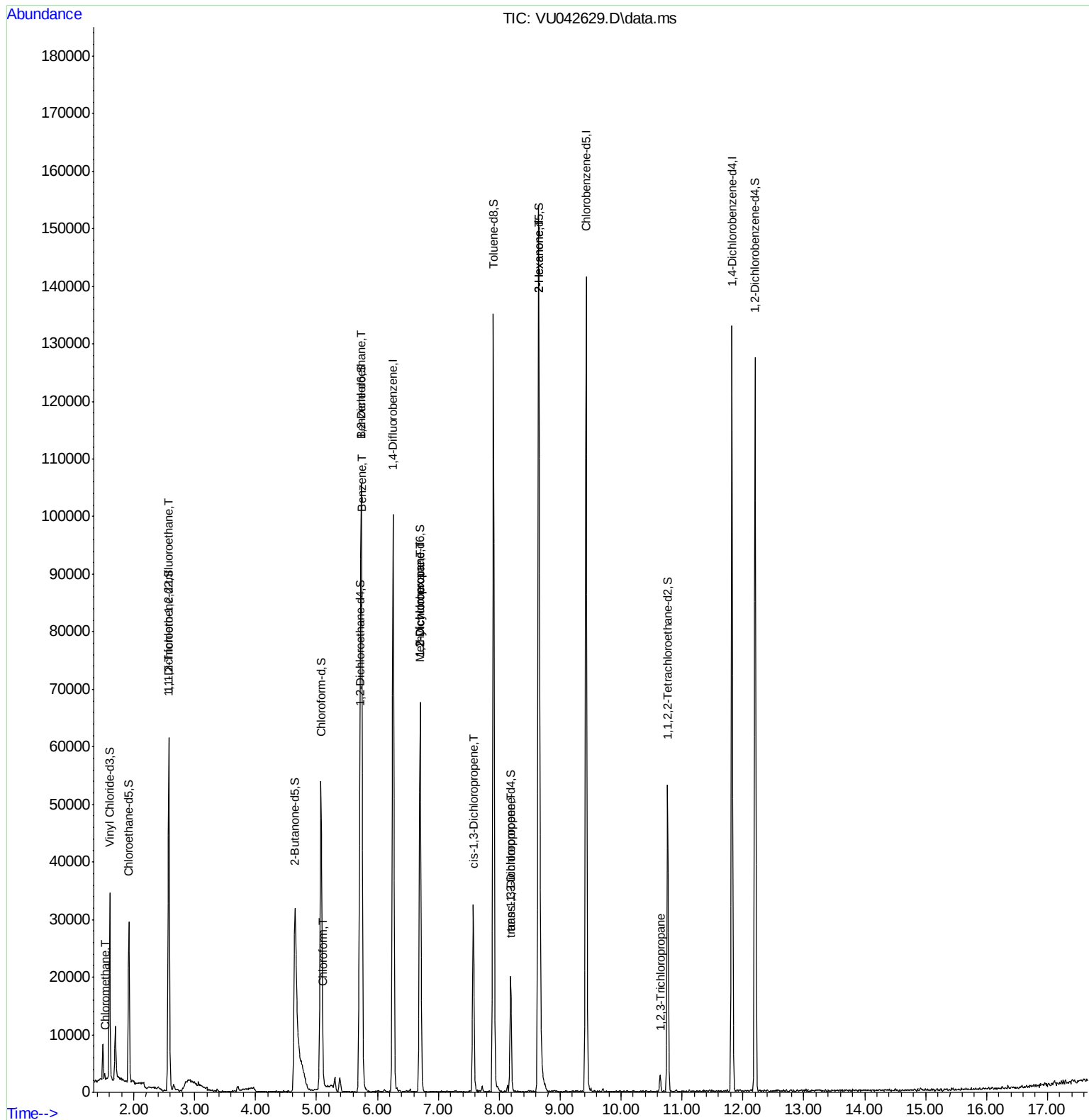
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76724	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	73236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	33241	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20641	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.919	69	18499	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.572	63	37496	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.645	46	77669	46.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	5.073	84	47043	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.713	65	31708	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.735	84	85916	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.700	67	28460	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	83620	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.189	79	10924	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.648	63	58656	45.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	23937	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	31128	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						
3) Chloromethane	1.523	50	420	0.06	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	286	0.05	ug/L #	18
25) Chloroform	5.102	83	1189	0.10	ug/L	92
27) 1,2-Dichloroethane	5.735	62	596	0.07	ug/L #	75
33) Benzene	5.742	78	728	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	7170	0.74	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3222	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	793	0.09	ug/L #	42
44) trans-1,3-Dichloropropene	8.192	75	379	0.05	ug/L #	52
48) 2-Hexanone	8.648	43	9303	2.34	ug/L #	71
59) 1,2,3-Trichloropropane	10.642	75	713	0.15	ug/L #	42

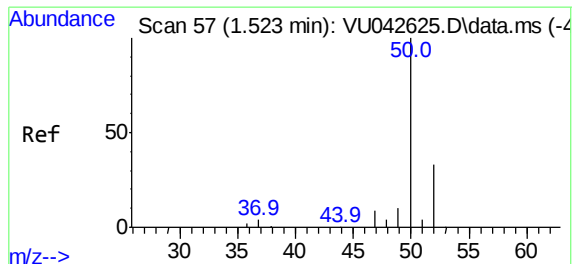
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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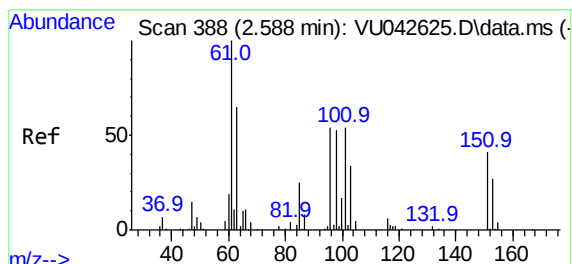
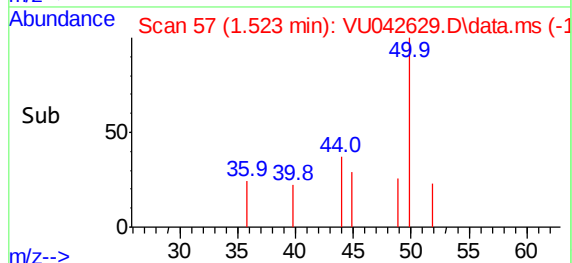
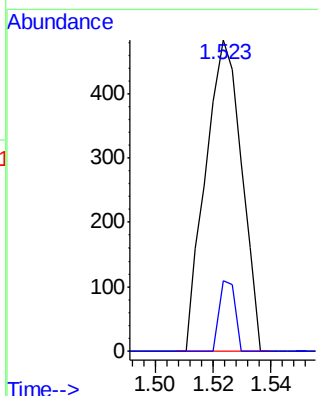
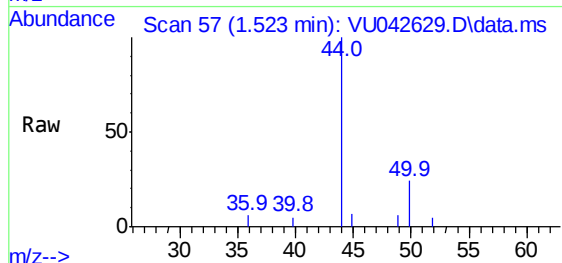




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

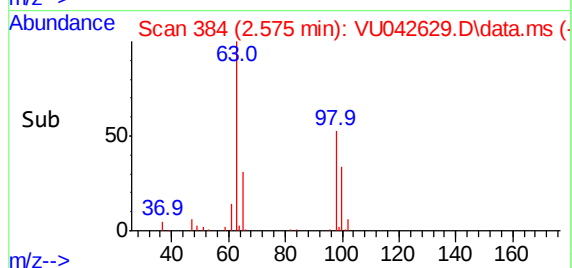
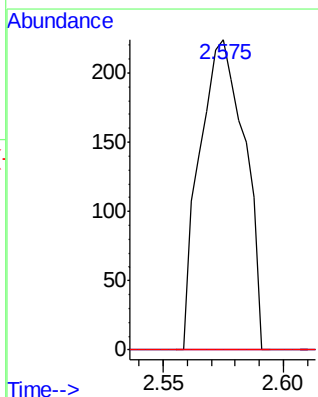
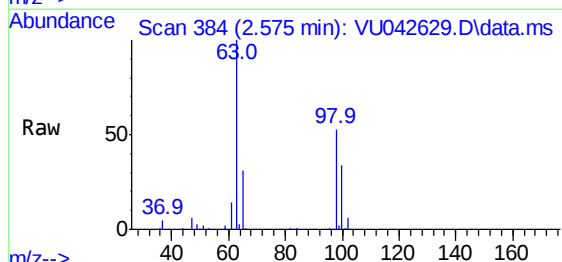
Instrument :
MSVOA_U
ClientSampleId :
C0AF5

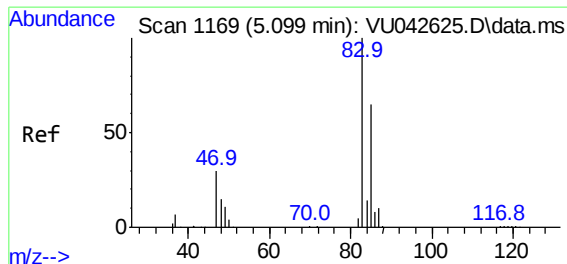
Tgt Ion: 50 Resp: 420
Ion Ratio Lower Upper
50 100
52 22.6 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

Tgt Ion: 101 Resp: 286
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

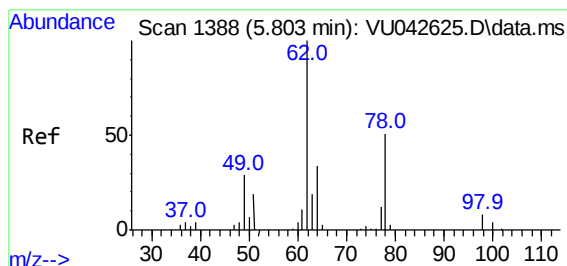
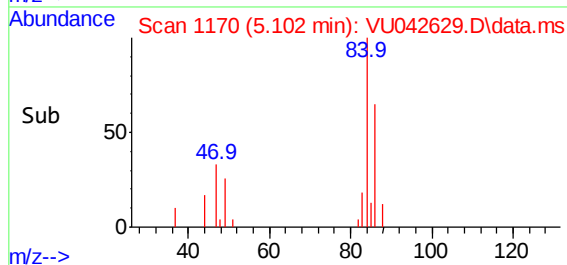
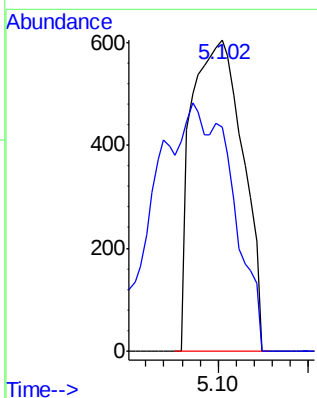
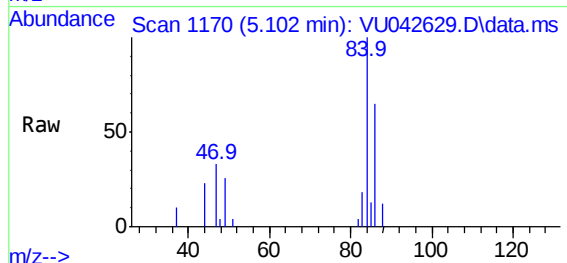




#25
Chloroform
Concen: 0.10 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

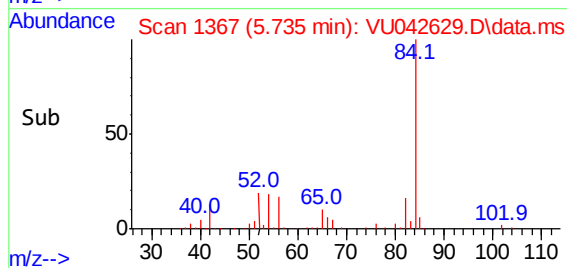
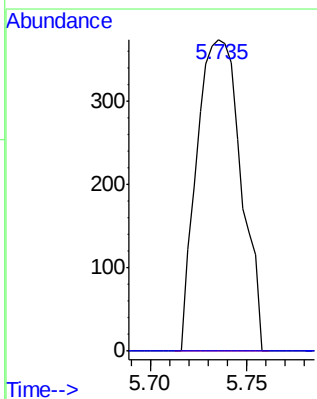
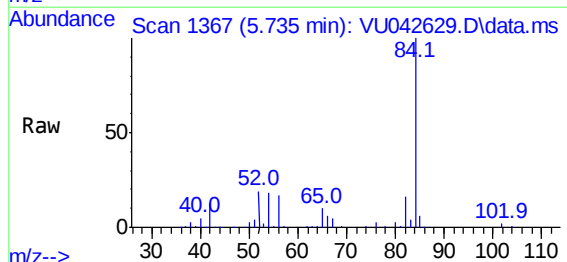
Instrument :
MSVOA_U
ClientSampled :
C0AF5

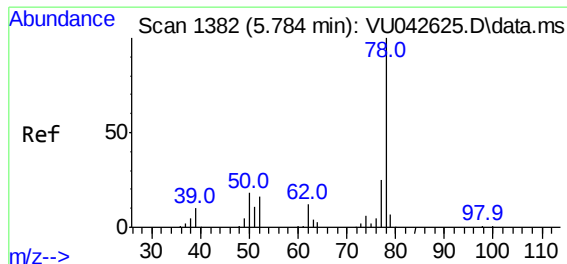
Tgt Ion: 83 Resp: 1189
Ion Ratio Lower Upper
83 100
85 71.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

Tgt Ion: 62 Resp: 596
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

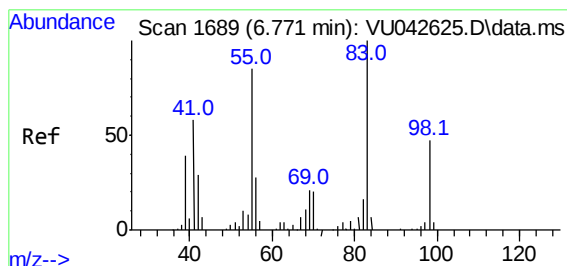
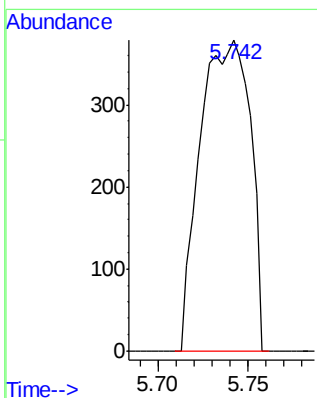
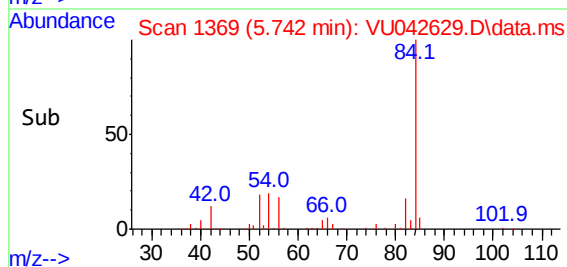
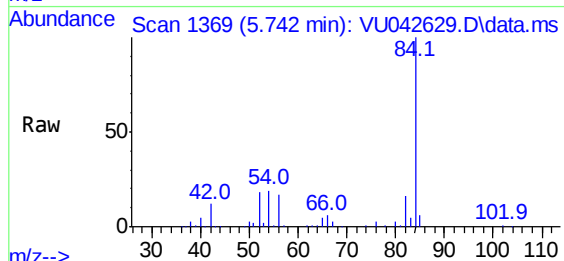




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

Instrument :
MSVOA_U
ClientSampleId :
C0AF5

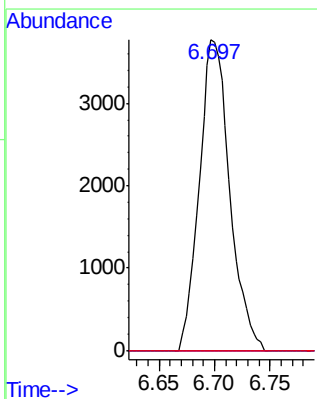
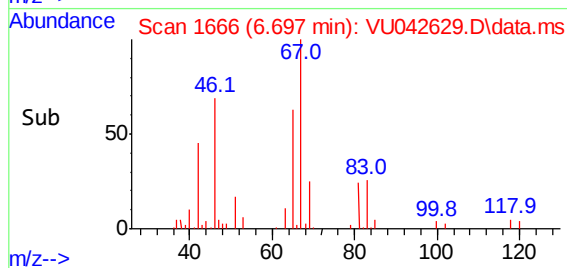
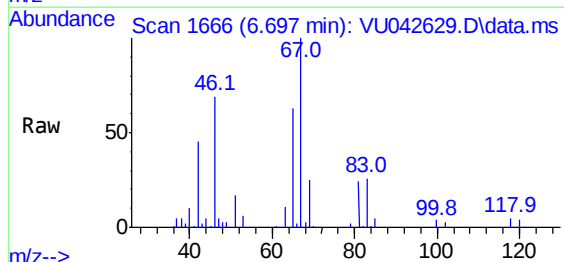
Tgt Ion: 78 Resp: 728

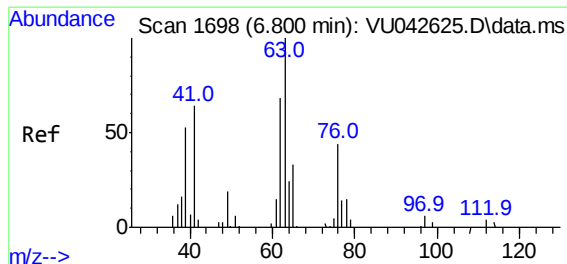


#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

Tgt Ion: 83 Resp: 7170

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

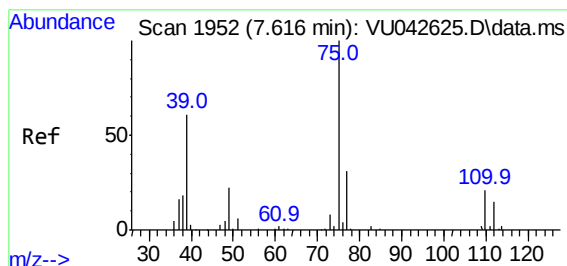
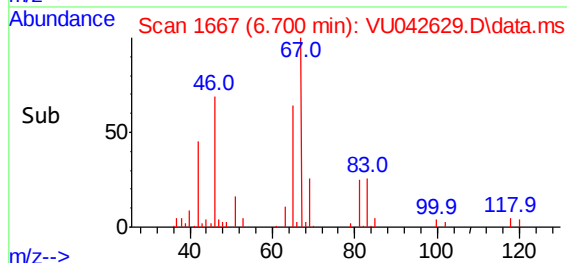
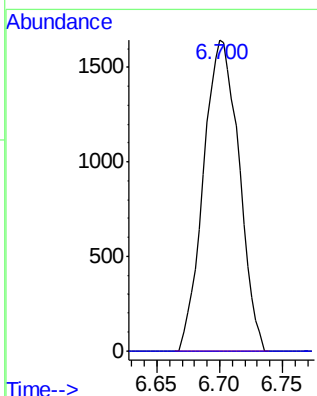
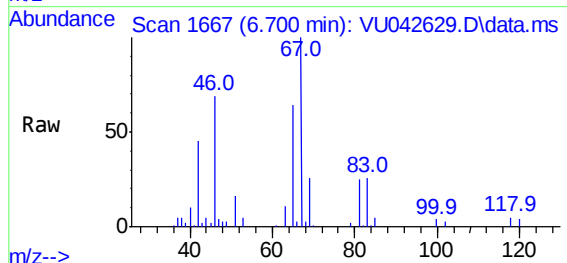




#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

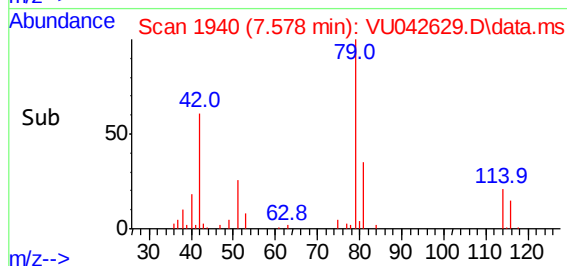
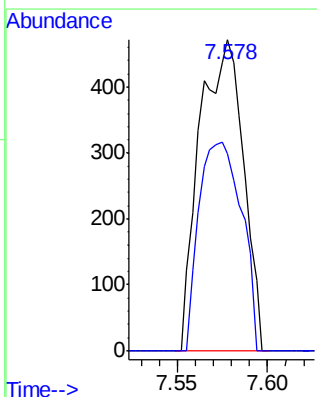
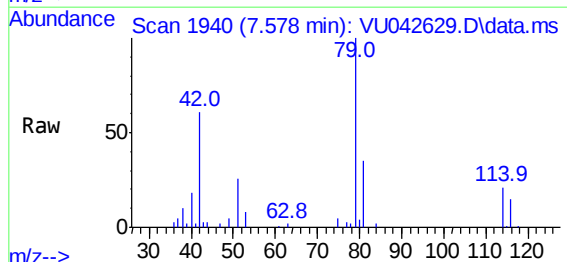
Instrument :
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ClientSampleId :
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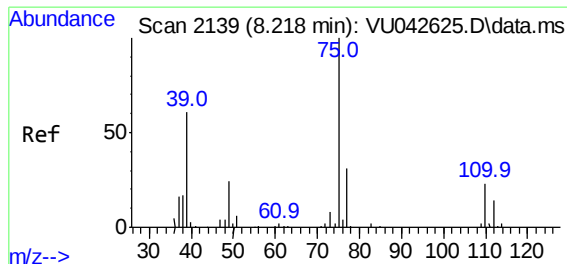
Tgt Ion: 63 Resp: 3222
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

Tgt Ion: 75 Resp: 793
Ion Ratio Lower Upper
75 100
77 63.6 22.0 40.8#



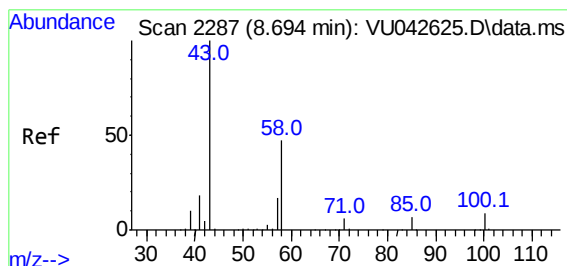
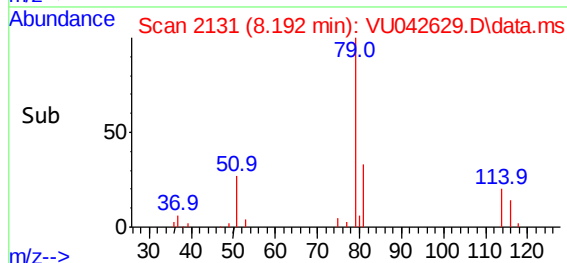
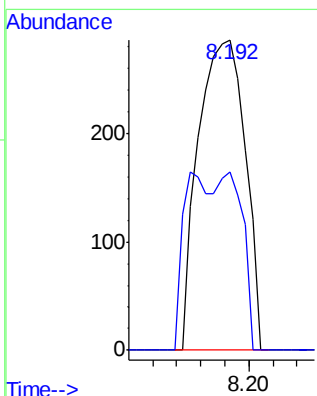
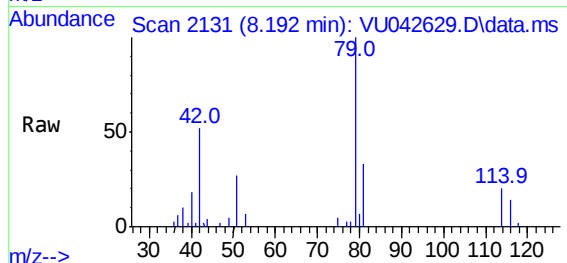


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

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MSVOA_U
ClientSampleId :
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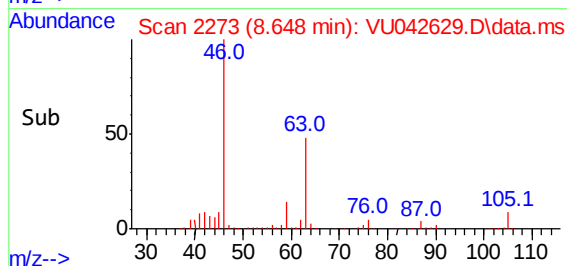
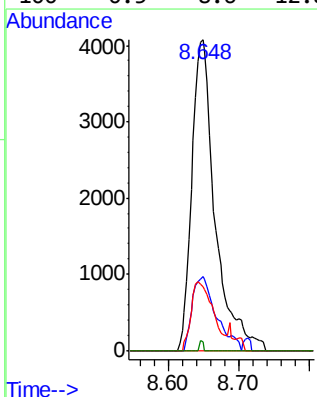
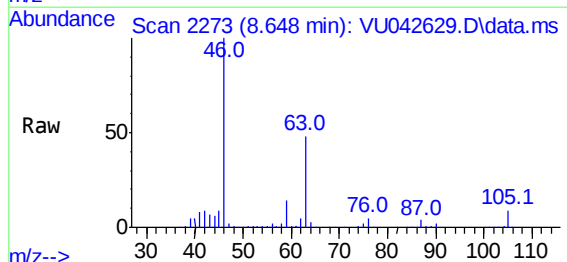
Tgt Ion: 75 Resp: 379
Ion Ratio Lower Upper
75 100
77 57.3 21.8 40.4#

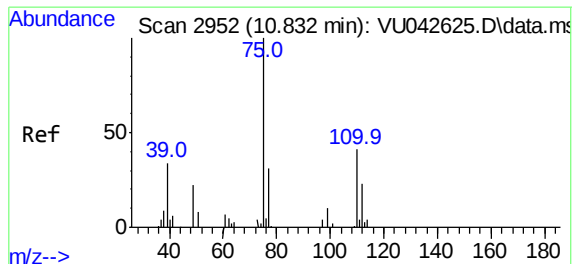


#48

2-Hexanone
Concen: 2.34 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042629.D
Acq: 12 Mar 2021 23:35

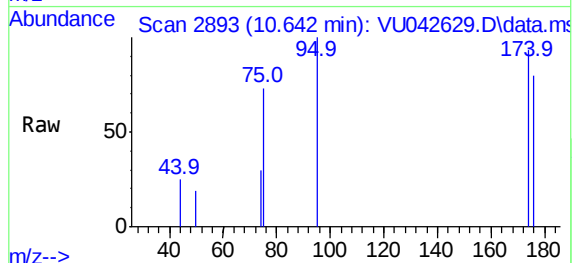
Tgt Ion: 43 Resp: 9303
Ion Ratio Lower Upper
43 100
58 24.4 40.6 61.0#
57 20.7 14.9 22.3
100 0.5 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.15 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042629.D
 Acq: 12 Mar 2021 23:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5



Tgt Ion: 75 Resp: 713
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

