

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042884.D
 Acq On : 01 Apr 2021 18:50
 Operator : SY/MD
 Sample : M1847-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR16

Quant Time: Apr 02 05:20:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

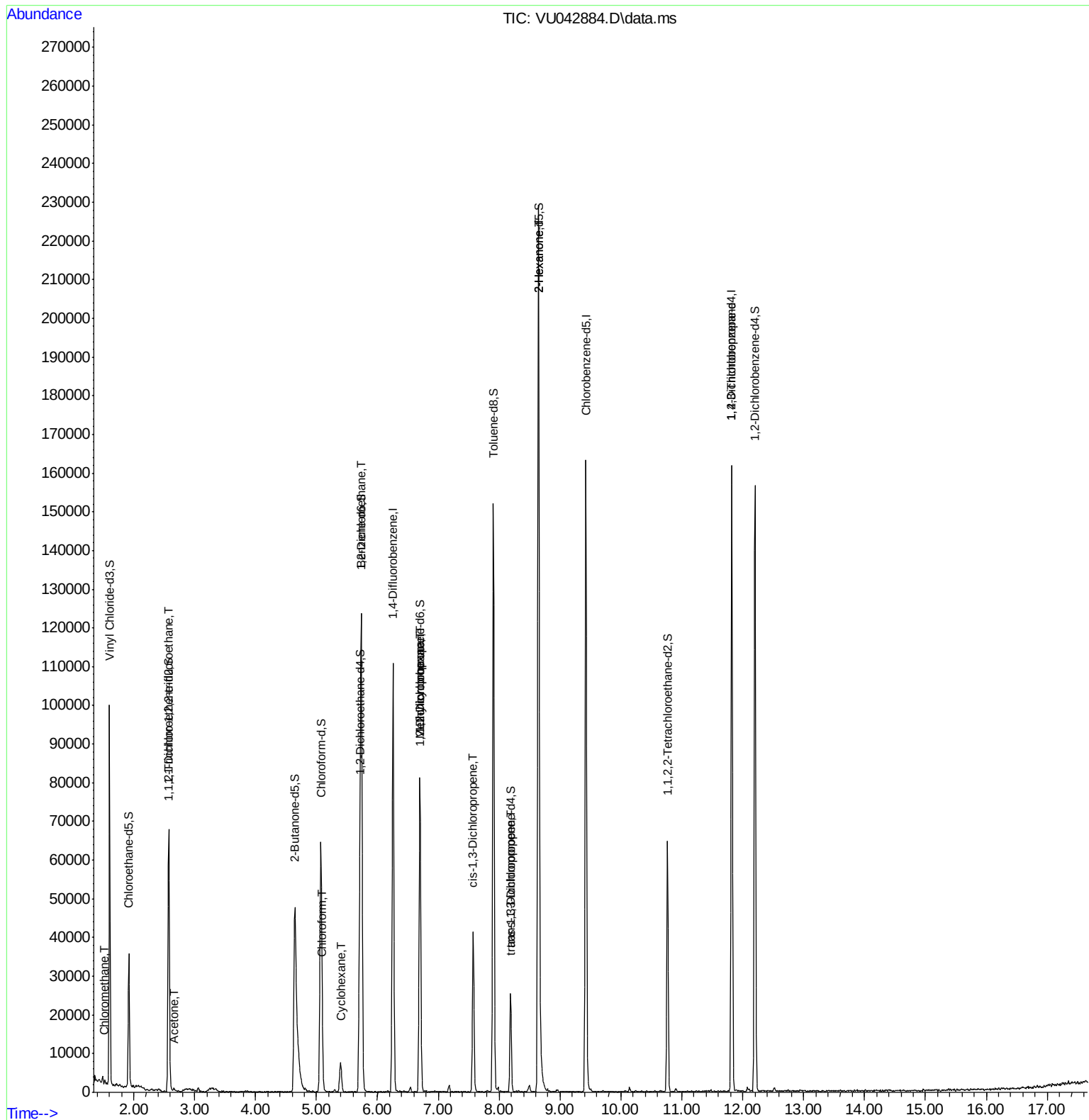
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	84012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	83051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	39591	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24889	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.919	69	22881	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.575	63	41035	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.645	46	108761	51.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	5.073	84	55453	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.713	65	36118	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.735	84	102462	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	33971	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.906	98	94188	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.185	79	13535	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.645	63	78178	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28955	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	38324	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
3) Chloromethane	1.520	50	781	0.12	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	375	0.07	ug/L #	18
13) Acetone	2.655	43	1310	1.03	ug/L	67
25) Chloroform	5.096	83	2136	0.17	ug/L	93
27) 1,2-Dichloroethane	5.732	62	607	0.07	ug/L #	75
30) Cyclohexane	5.401	56	3850	0.38	ug/L	91
35) Methylcyclohexane	6.697	83	8130	0.84	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	4118	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1075	0.11	ug/L #	81
44) trans-1,3-Dichloropropene	8.192	75	692	0.08	ug/L	99
48) 2-Hexanone	8.645	43	12980	3.07	ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	5188	1.11	ug/L	90

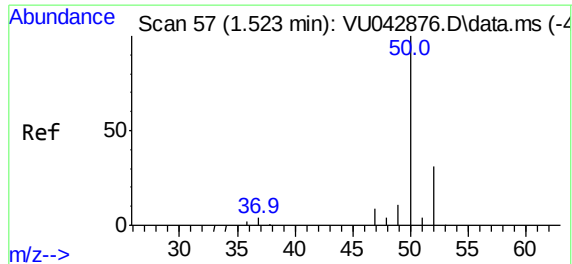
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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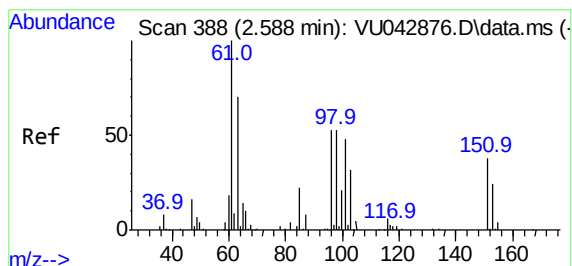
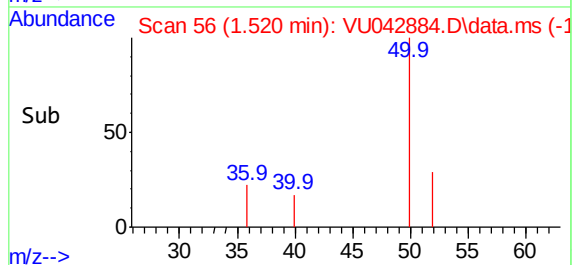
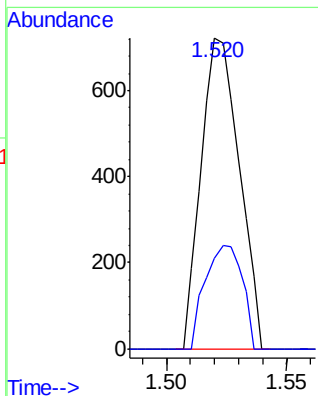
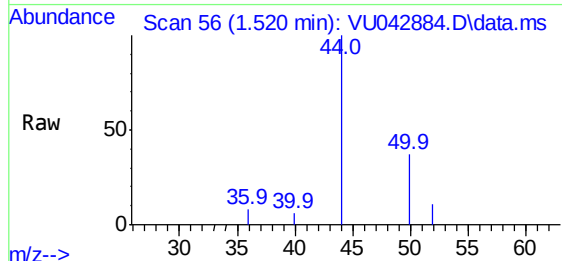




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

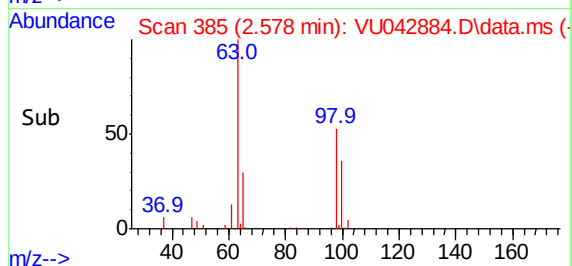
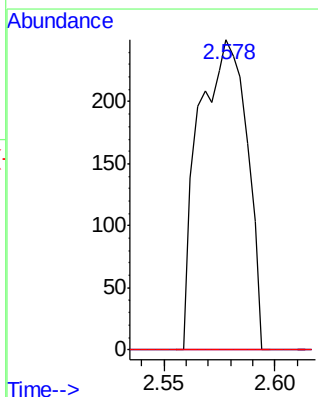
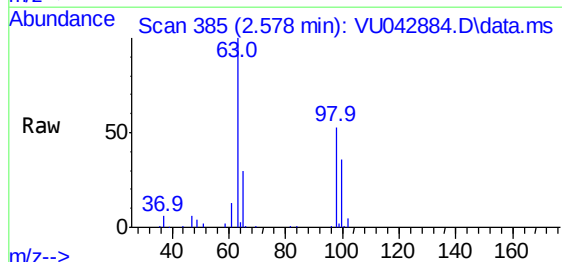
Instrument :
MSVOA_U
ClientSampleId :
YAR16

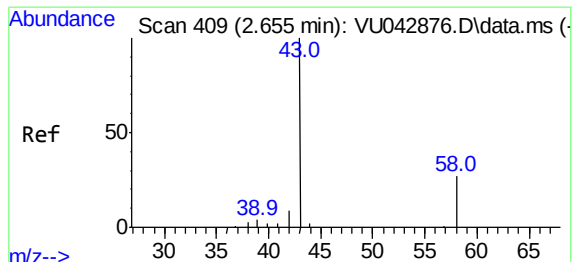
Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 29.1 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 101 Resp: 375
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

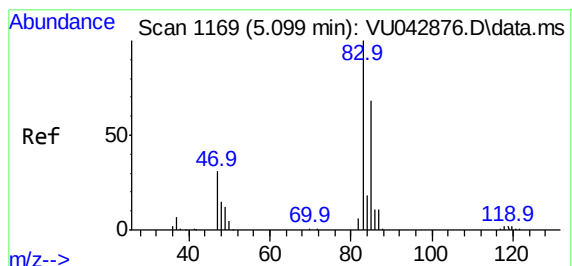
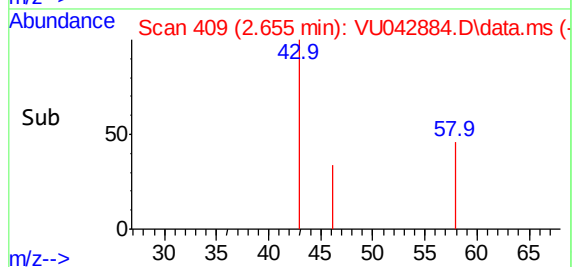
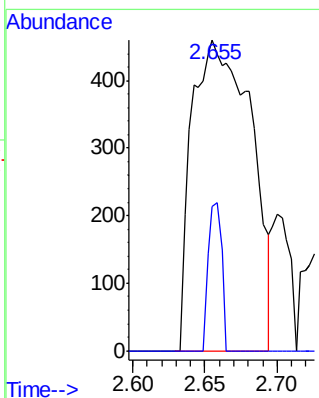
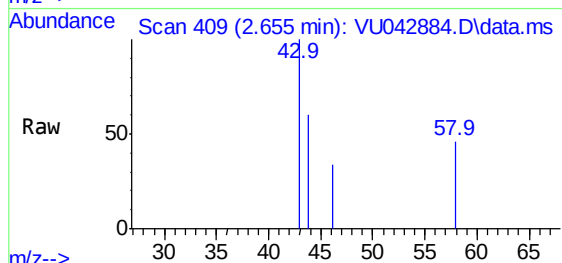




#13
Acetone
Concen: 1.03 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.000 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

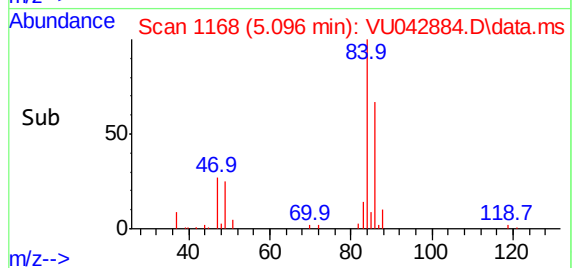
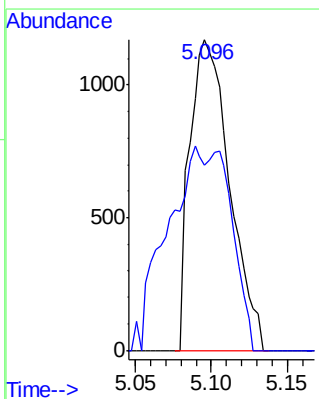
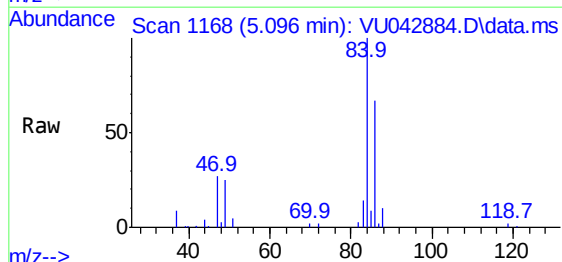
Instrument :
MSVOA_U
ClientSampled :
YAR16

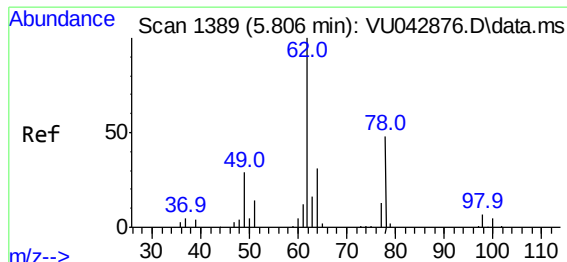
Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
58 10.7 0.0 55.8



#25
Chloroform
Concen: 0.17 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 83 Resp: 2136
Ion Ratio Lower Upper
83 100
85 59.7 45.7 84.9

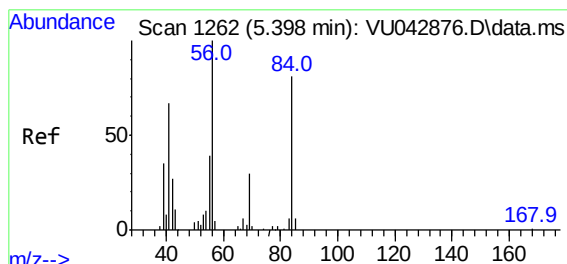
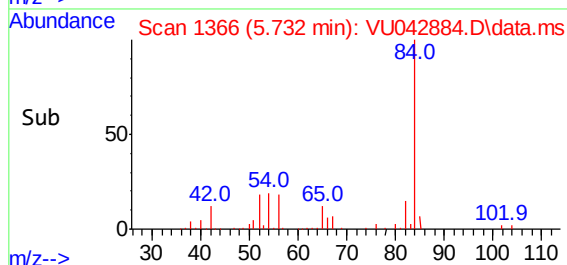
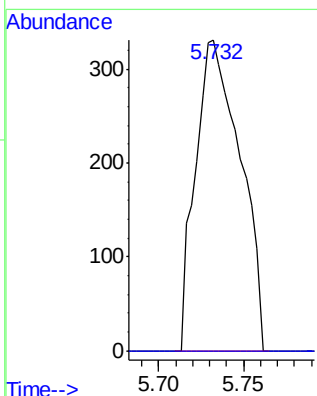
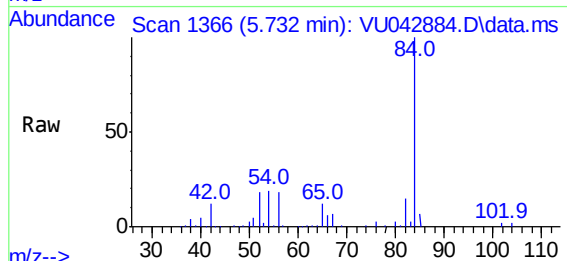




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

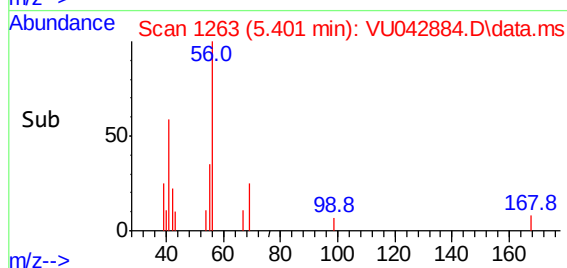
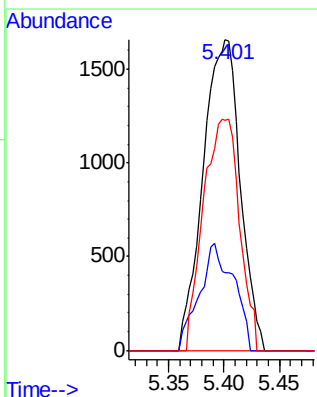
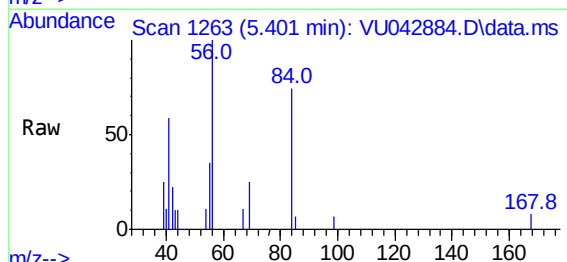
Instrument :
MSVOA_U
ClientSampled :
YAR16

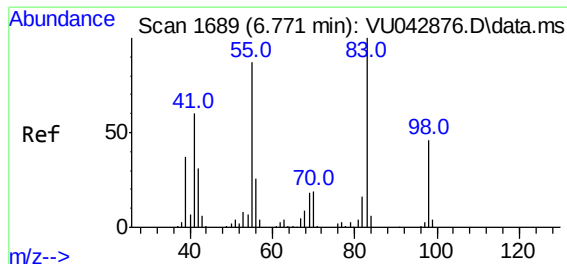
Tgt Ion: 62 Resp: 607
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 0.38 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 56 Resp: 3850
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 72.4 65.3 97.9

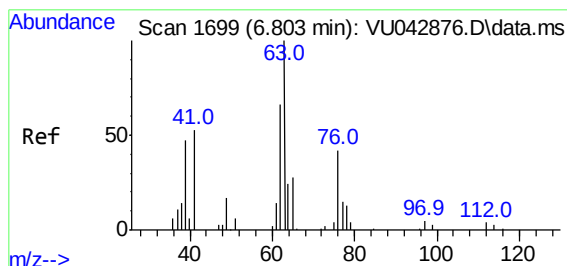
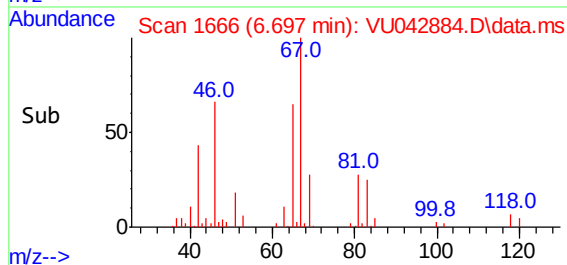
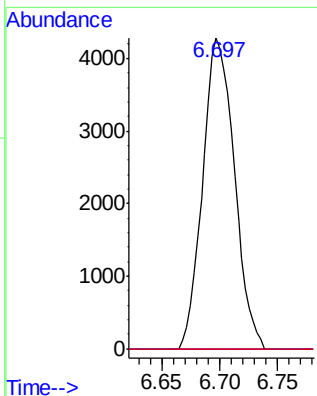
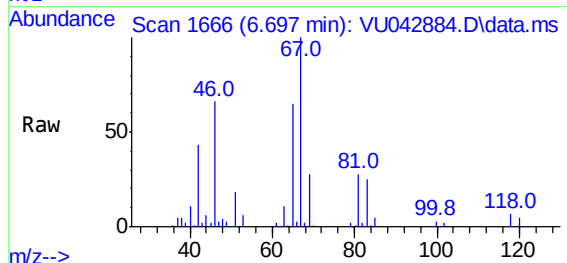




#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

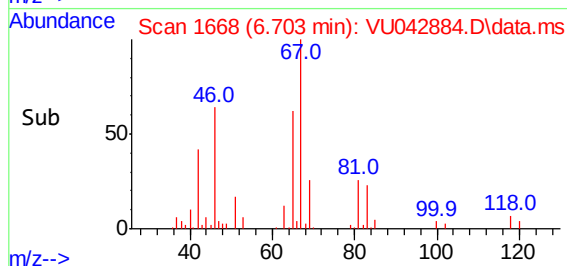
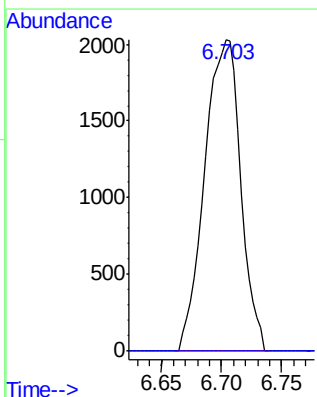
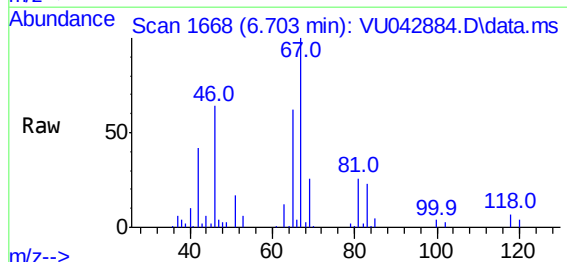
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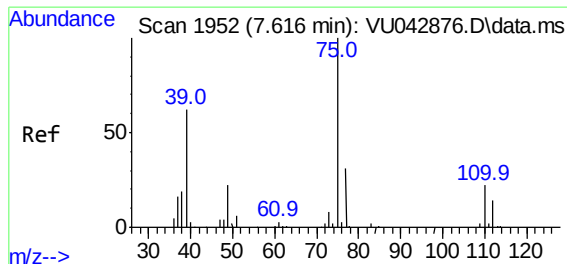
Tgt Ion: 83 Resp: 8130
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.3 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 63 Resp: 4118
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

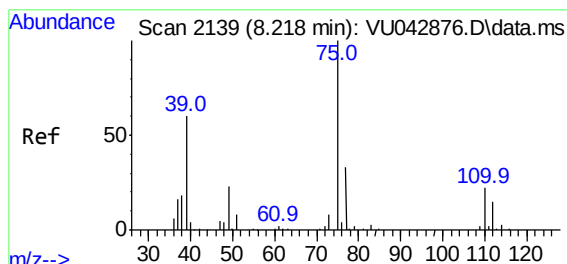
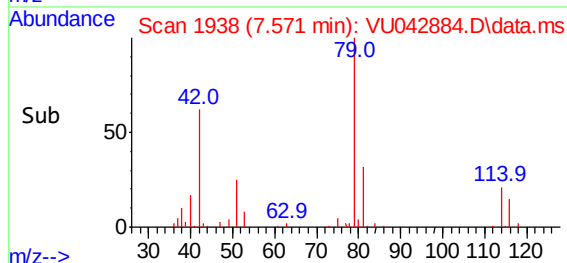
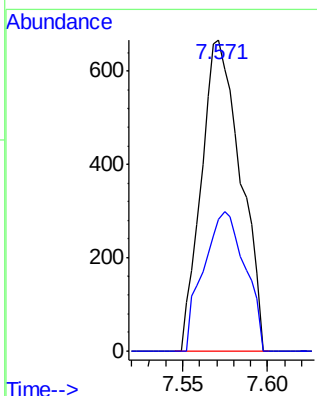
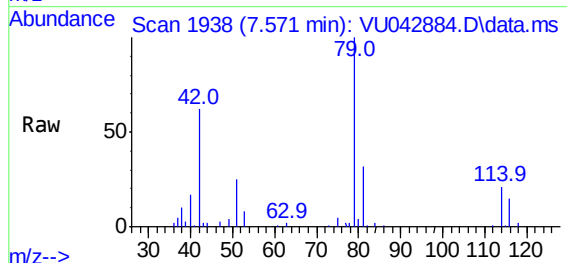




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

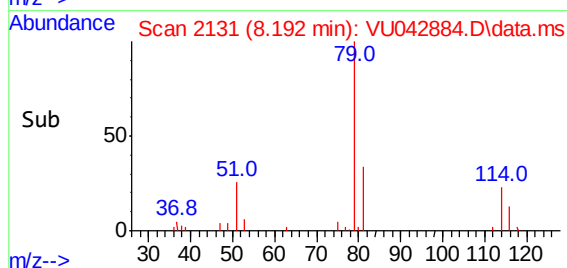
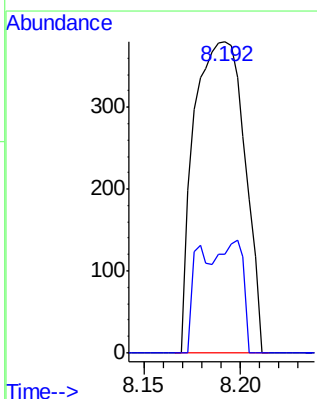
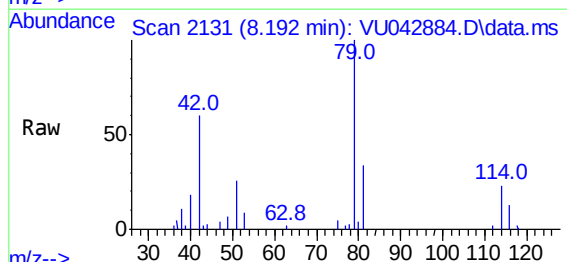
Instrument :
MSVOA_U
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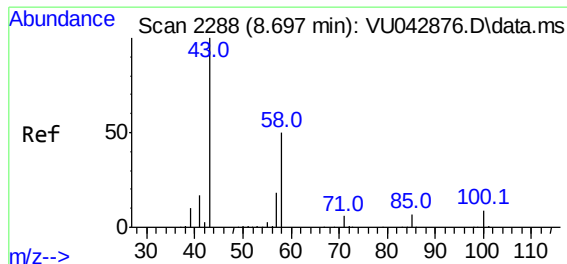
Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
77 42.1 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 75 Resp: 692
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.4

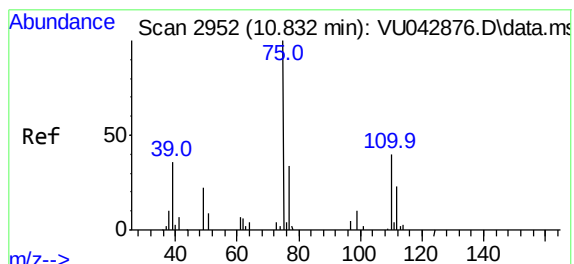
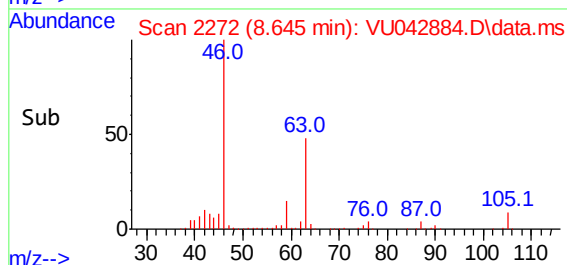
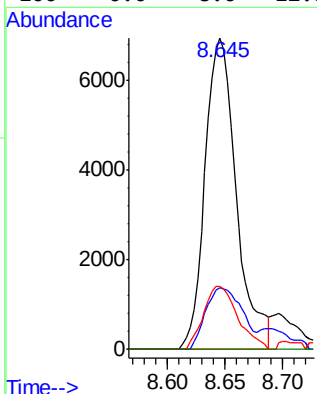
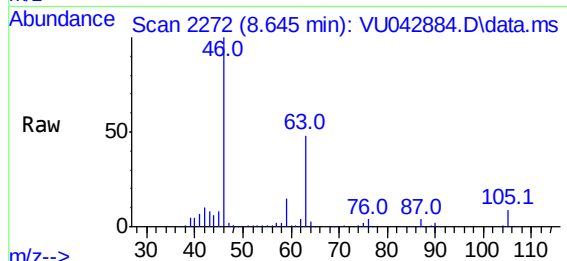




#48
2-Hexanone
Concen: 3.07 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042884.D
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Instrument :
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Tgt Ion: 43 Resp: 12980
Ion Ratio Lower Upper
43 100
58 23.2 40.6 61.0#
57 21.8 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.11 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042884.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 75 Resp: 5188
Ion Ratio Lower Upper
75 100
77 38.0 26.0 39.0

