

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042510.D
 Acq On : 05 Mar 2021 18:16
 Operator : SY/MD
 Sample : M1588-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C03T5

Quant Time: Mar 06 00:50:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	84333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	38005	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24428	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.919	69	21121	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.575	63	52670	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.645	46	84658	45.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	5.073	84	53213	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.713	65	35738	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.735	84	96843	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	33053	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.906	98	91957	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloroprop...	8.185	79	13922	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.645	63	72788	50.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29115	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	36687	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

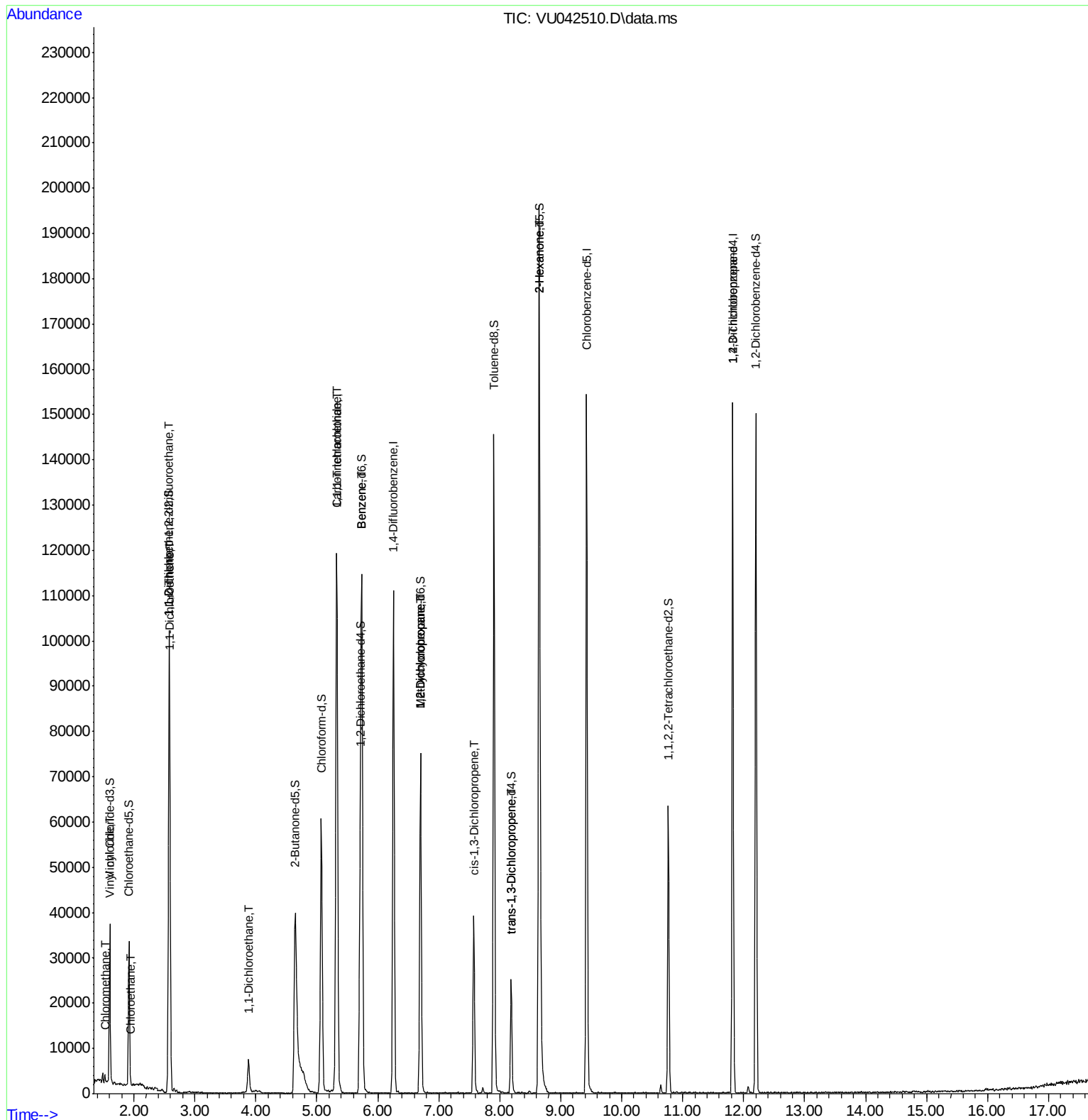
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1254	0.17	ug/L	88
5) Vinyl chloride	1.607	62	286	0.04	ug/L #	42
8) Chloroethane	1.945	64	261	0.06	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	425	0.07	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	17412	2.93	ug/L #	70
19) 1,1-Dichloroethane	3.880	63	8174	0.68	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	82921	7.38	ug/L	95
31) Carbon tetrachloride	5.327	117	10211	1.03	ug/L	97
33) Benzene	5.735	78	686	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7691	0.72	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4148	0.61	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1076	0.11	ug/L #	68
44) trans-1,3-Dichloropropene	8.185	75	742	0.08	ug/L	88
48) 2-Hexanone	8.645	43	11559	2.63	ug/L #	69
59) 1,2,3-Trichloropropane	11.822	75	5032	0.98	ug/L	90

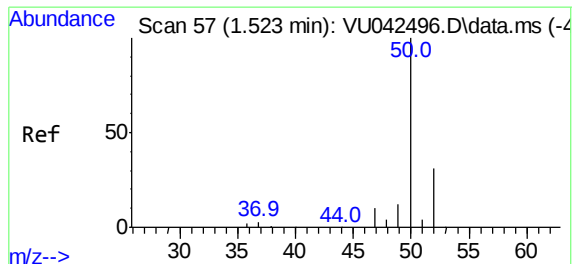
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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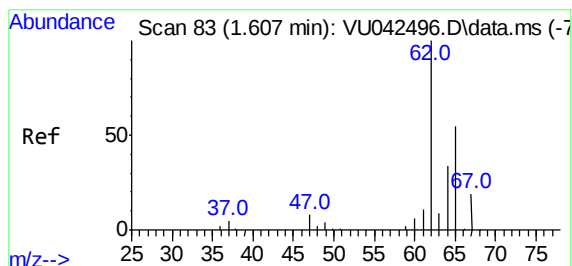
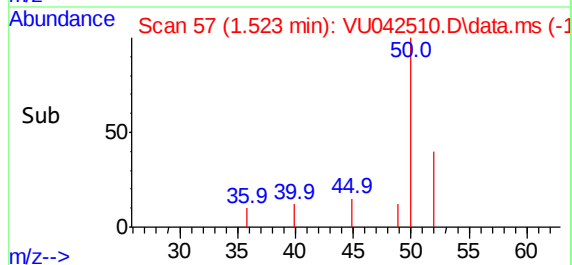
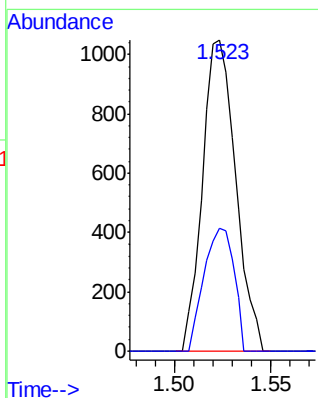
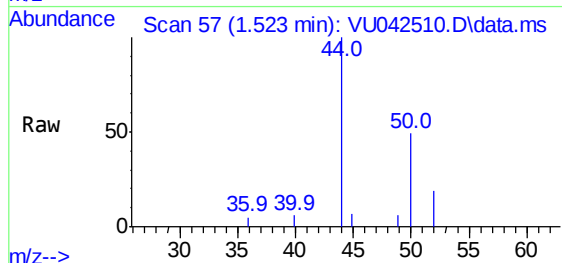




#3
Chloromethane
Concen: 0.17 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

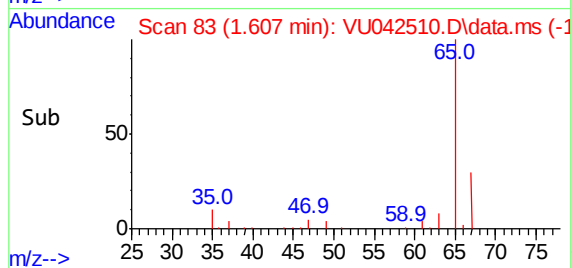
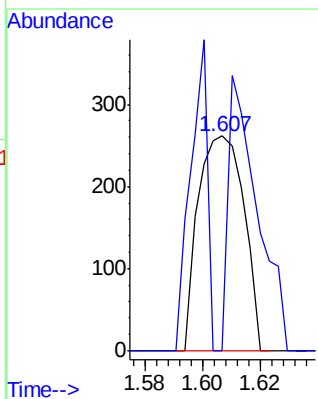
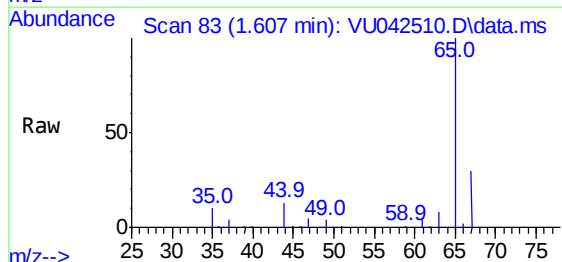
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MSVOA_U
ClientSampleId :
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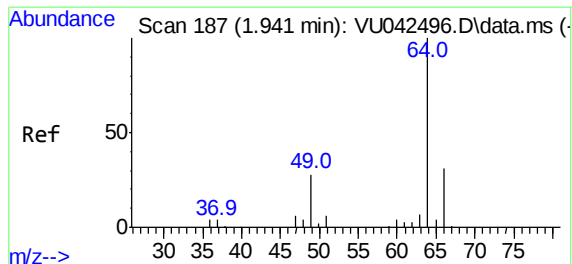
Tgt Ion: 50 Resp: 1254
Ion Ratio Lower Upper
50 100
52 39.7 23.0 42.8



#5
Vinyl chloride
Concen: 0.04 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

Tgt Ion: 62 Resp: 286
Ion Ratio Lower Upper
62 100
64 0.0 22.7 42.1#

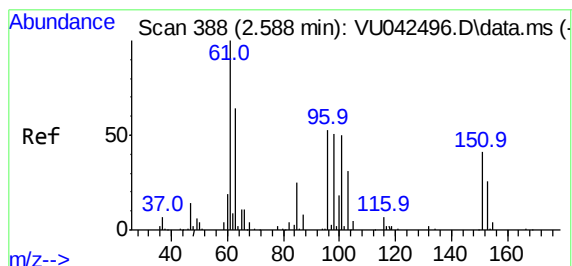
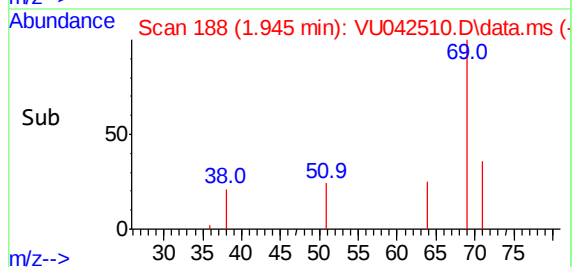
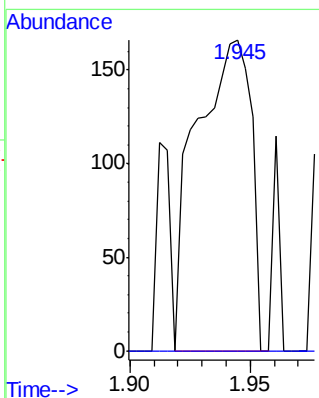
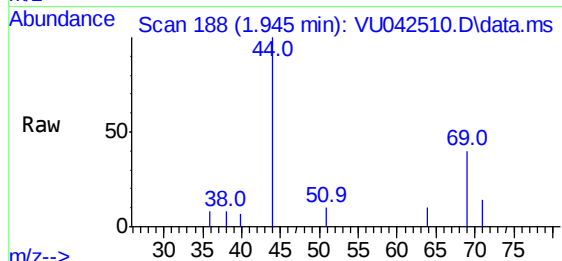




#8
Chloroethane
Concen: 0.06 ug/L
RT: 1.945 min Scan# 188
Delta R.T. 0.006 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

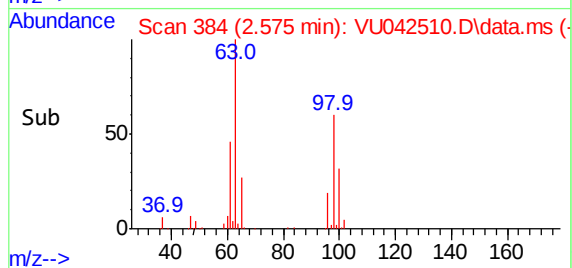
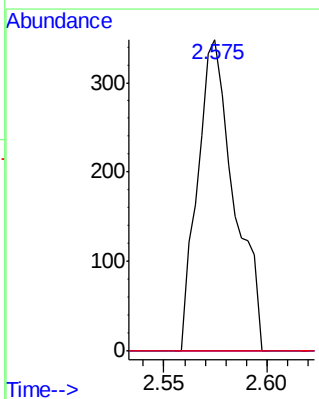
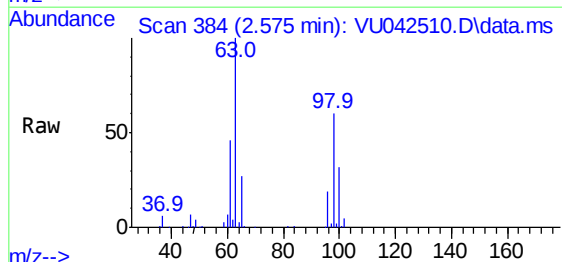
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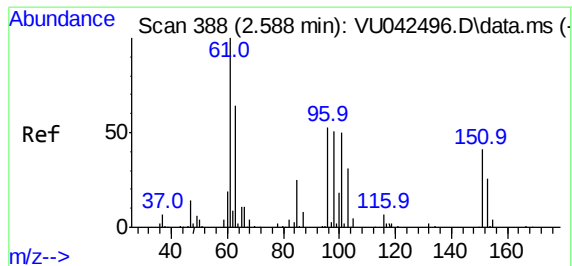
Tgt Ion: 64 Resp: 261
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

Tgt Ion:101 Resp: 425
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

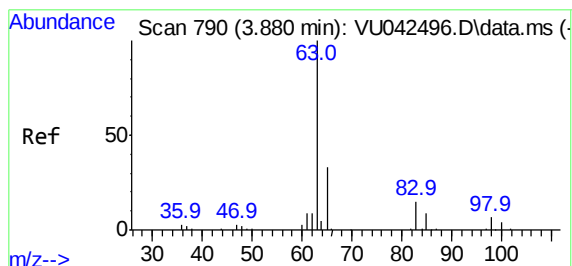
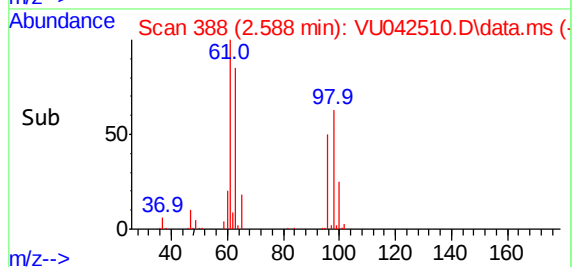
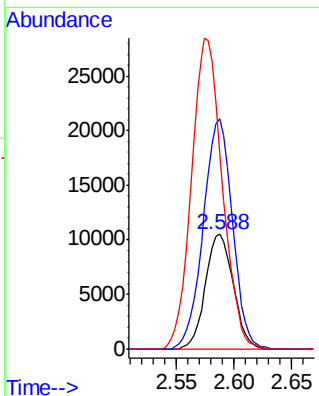
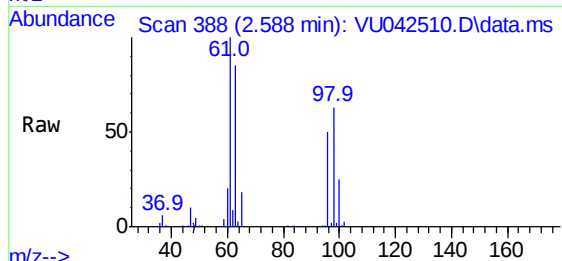




#12
1,1-Dichloroethene
Concen: 2.93 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

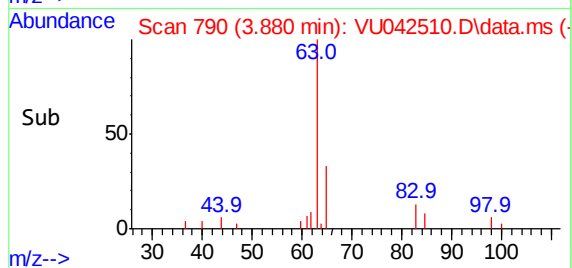
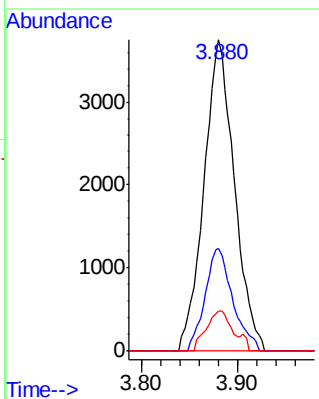
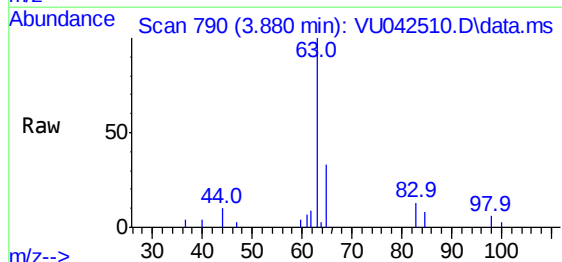
Instrument :
MSVOA_U
ClientSampled :
C03T5

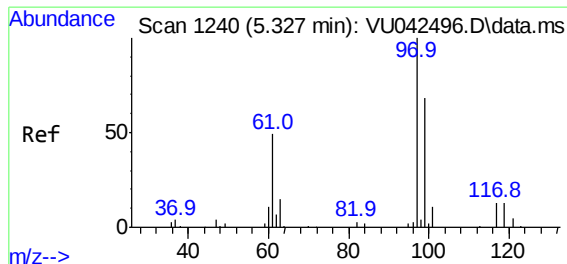
Tgt Ion: 96 Resp: 17412
Ion Ratio Lower Upper
96 100
61 200.0 126.2 234.4
63 170.6 77.8 144.4#



#19
1,1-Dichloroethane
Concen: 0.68 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

Tgt Ion: 63 Resp: 8174
Ion Ratio Lower Upper
63 100
65 32.9 22.5 41.9
83 12.6 10.1 18.7

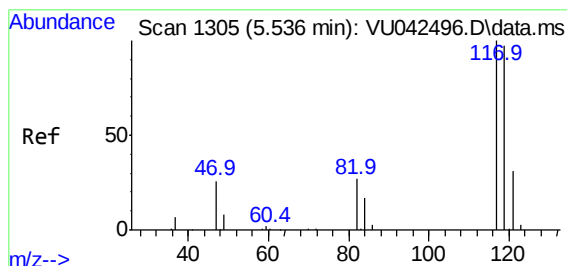
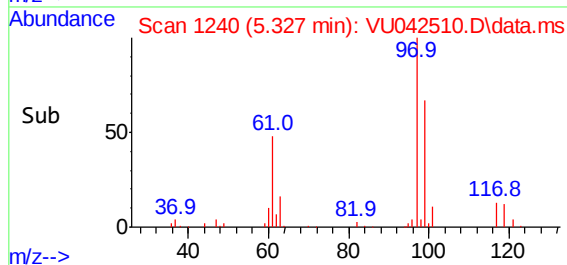
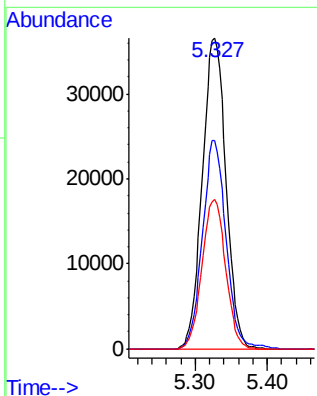
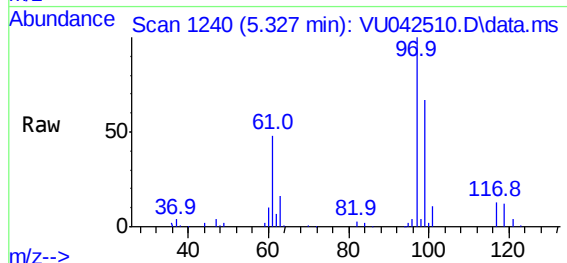




#29
1,1,1-Trichloroethane
Concen: 7.38 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

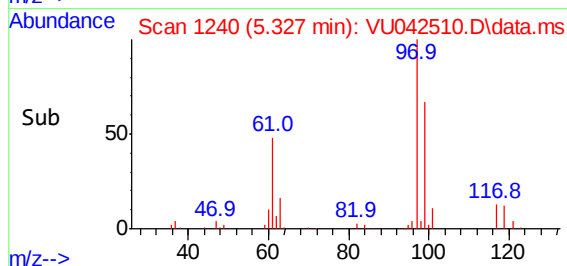
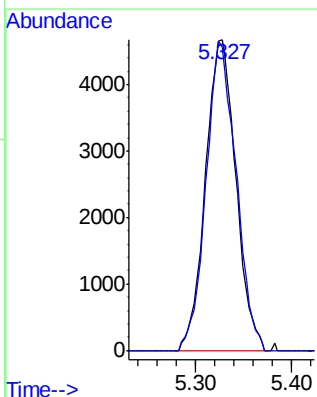
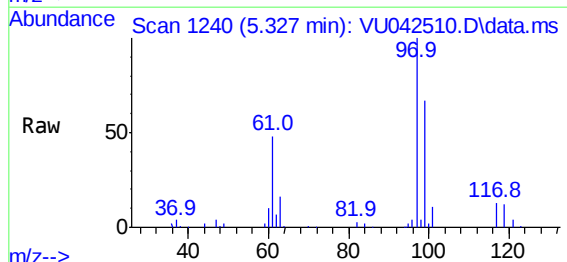
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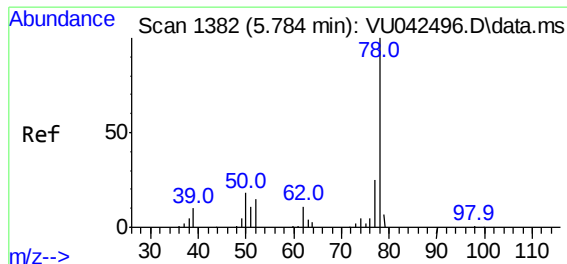
Tgt Ion: 97 Resp: 82921
Ion Ratio Lower Upper
97 100
99 66.9 50.8 76.2
61 48.0 35.8 53.6



#31
Carbon tetrachloride
Concen: 1.03 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

Tgt Ion: 117 Resp: 10211
Ion Ratio Lower Upper
117 100
119 98.6 76.2 114.4

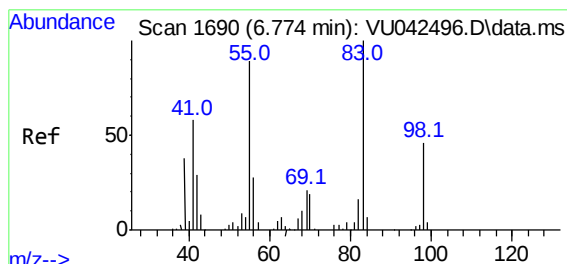
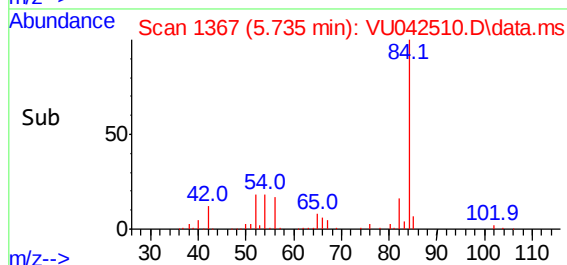
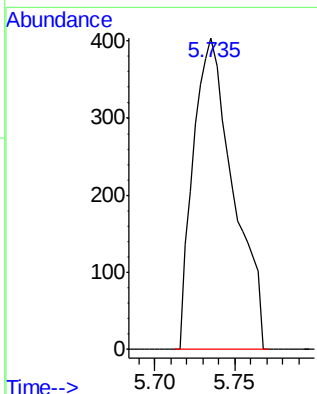
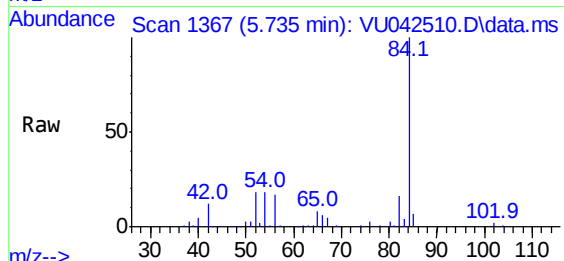




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

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MSVOA_U
ClientSampleId :
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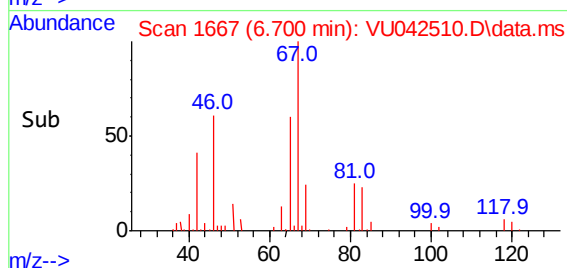
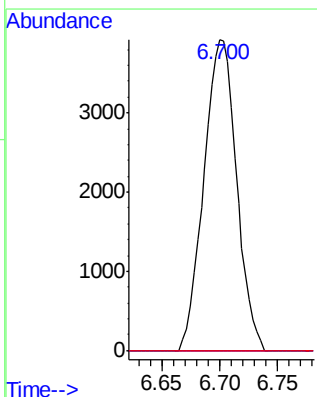
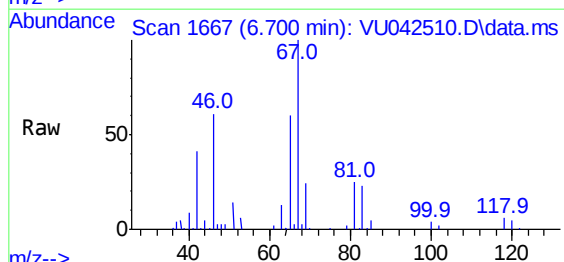
Tgt Ion: 78 Resp: 686

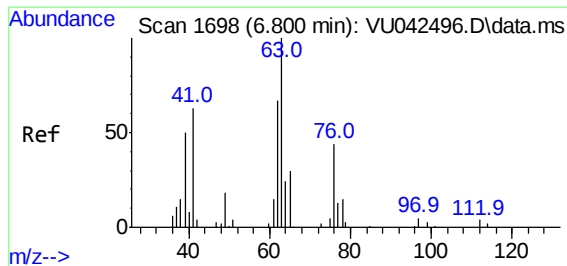


#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

Tgt Ion: 83 Resp: 7691

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

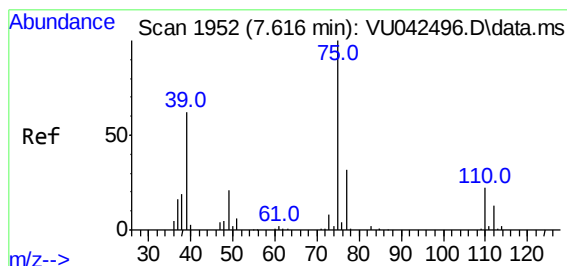
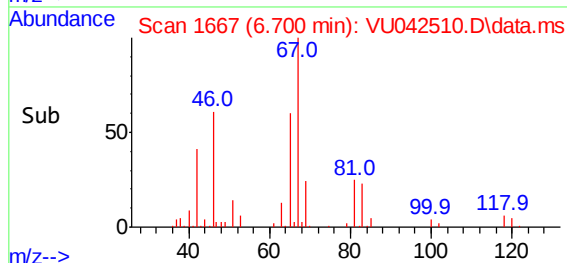
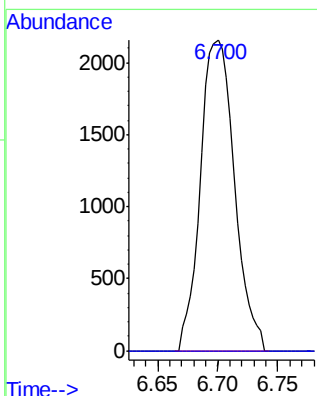
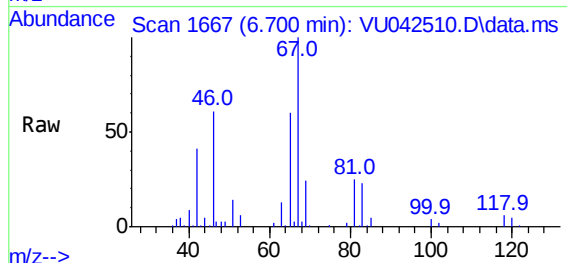




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

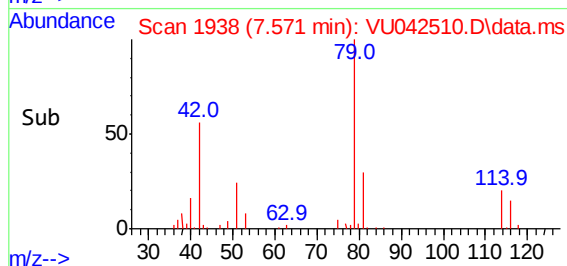
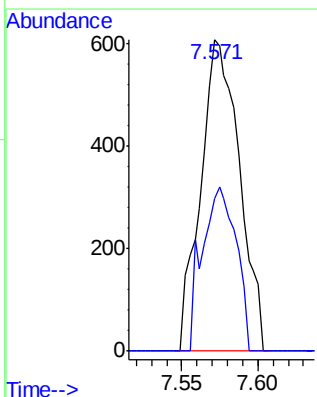
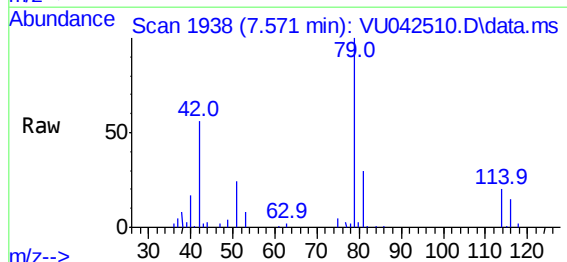
Instrument :
MSVOA_U
ClientSampleId :
C03T5

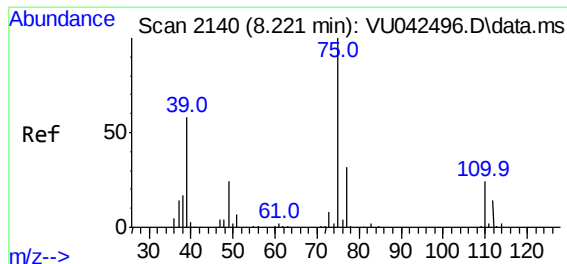
Tgt Ion: 63 Resp: 4148
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

Tgt Ion: 75 Resp: 1076
Ion Ratio Lower Upper
75 100
77 49.0 22.0 40.8#

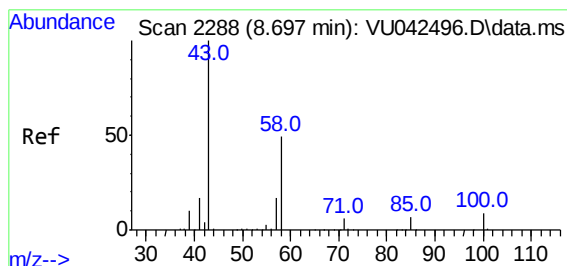
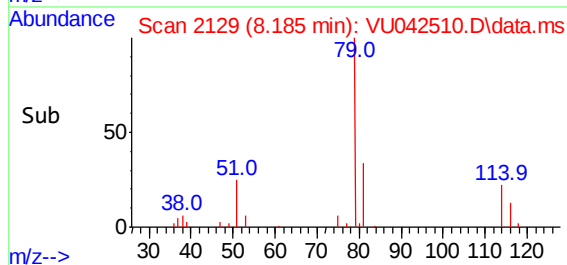
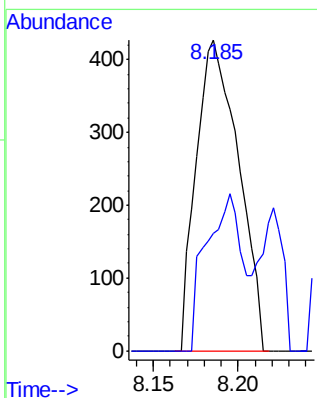
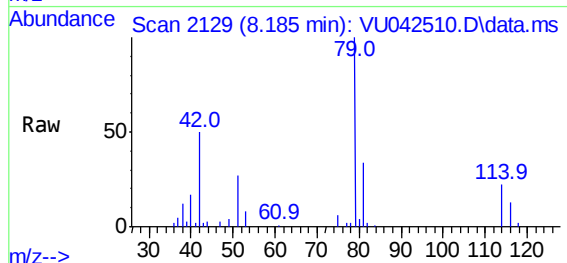




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.033 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

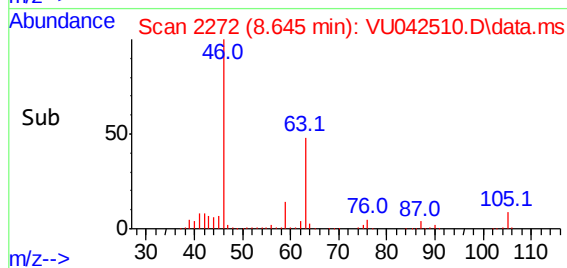
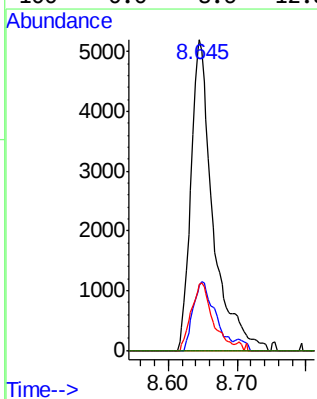
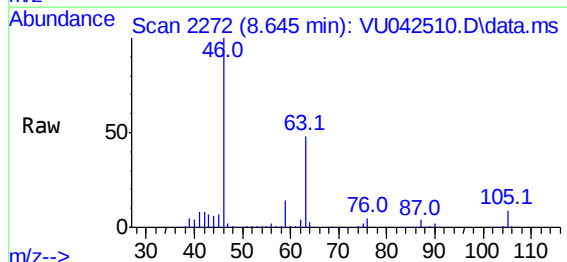
Instrument :
MSVOA_U
ClientSampleId :
C03T5

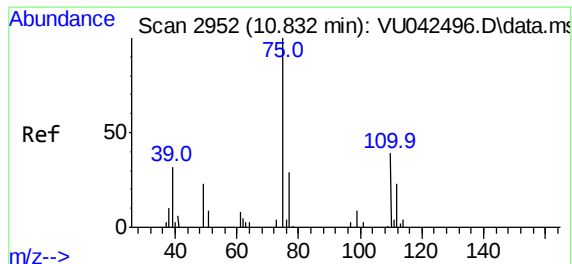
Tgt Ion: 75 Resp: 742
Ion Ratio Lower Upper
75 100
77 37.7 21.8 40.4



#48
2-Hexanone
Concen: 2.63 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042510.D
Acq: 05 Mar 2021 18:16

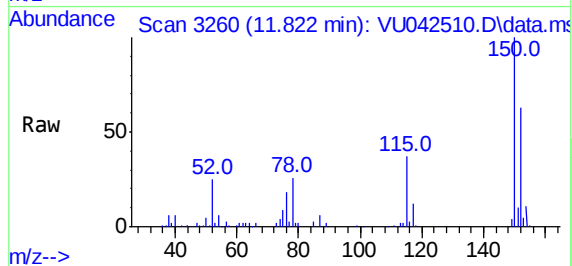
Tgt Ion: 43 Resp: 11559
Ion Ratio Lower Upper
43 100
58 22.1 40.6 61.0#
57 21.3 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.98 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042510.D
 Acq: 05 Mar 2021 18:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C03T5



Tgt Ion: 75 Resp: 5032
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.0 39.0

