

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042506.D
 Acq On : 05 Mar 2021 16:40
 Operator : SY/MD
 Sample : M1588-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C03T1

Quant Time: Mar 06 00:49:11 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)

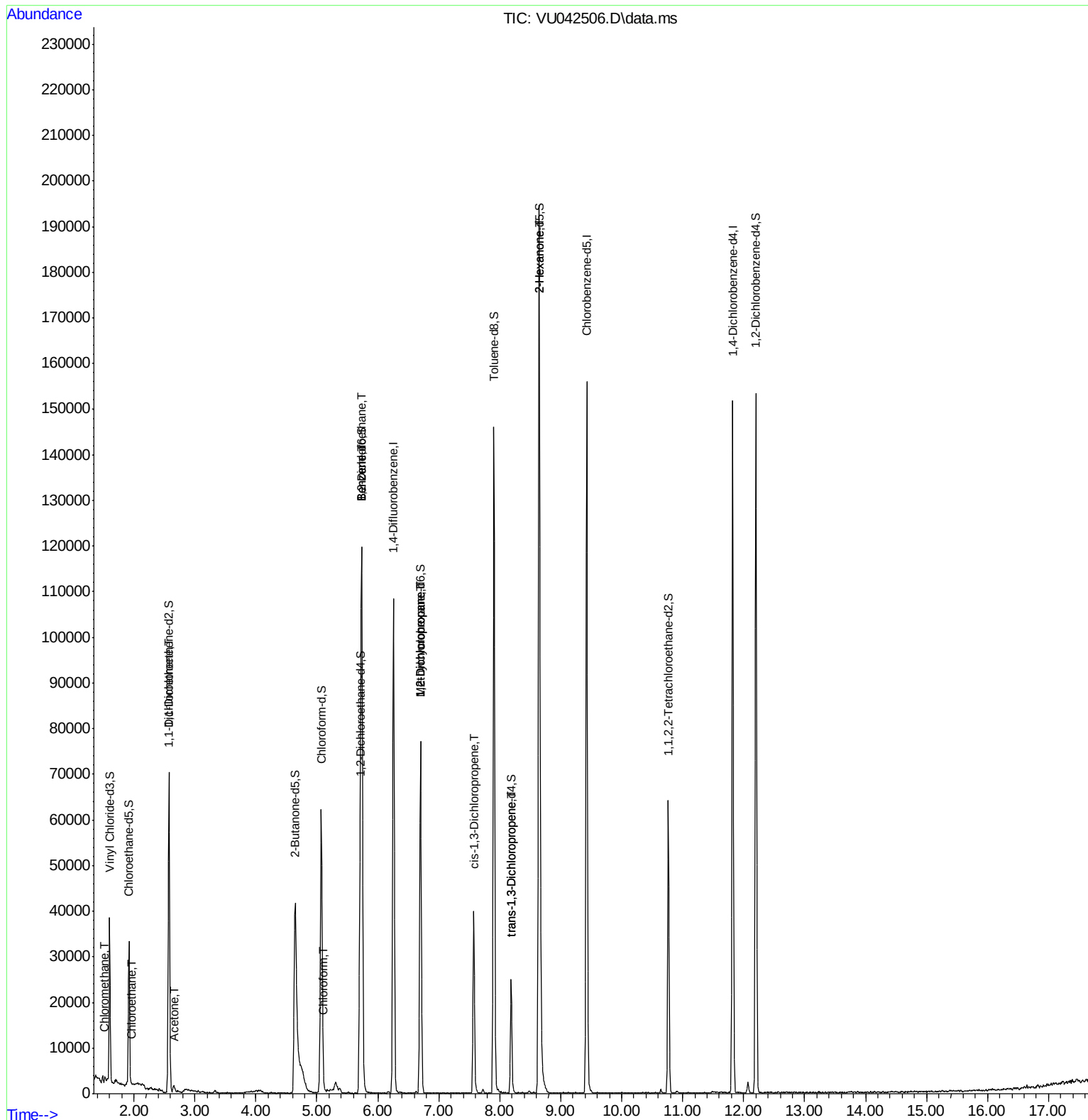
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	84041	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	81208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	39320	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24669	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.919	69	21400	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.575	63	44507	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.645	46	87440	47.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	5.073	84	54806	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.710	65	36325	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.735	84	98619	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.700	67	32676	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	91259	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloroprop...	8.189	79	13600	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.645	63	72846	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28621	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	38266	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%
Target Compounds						
3) Chloromethane	1.520	50	822	0.11	ug/L	98
8) Chloroethane	1.957	64	305	0.07	ug/L #	43
12) 1,1-Dichloroethene	2.578	96	579	0.10	ug/L #	1
13) Acetone	2.658	43	2372	1.67	ug/L	82
25) Chloroform	5.105	83	868	0.07	ug/L #	64
27) 1,2-Dichloroethane	5.735	62	627	0.07	ug/L #	75
33) Benzene	5.735	78	882	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7827	0.73	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4276	0.62	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	990	0.10	ug/L #	80
44) trans-1,3-Dichloropropene	8.189	75	743	0.08	ug/L	94
48) 2-Hexanone	8.645	43	10426	2.36	ug/L #	73

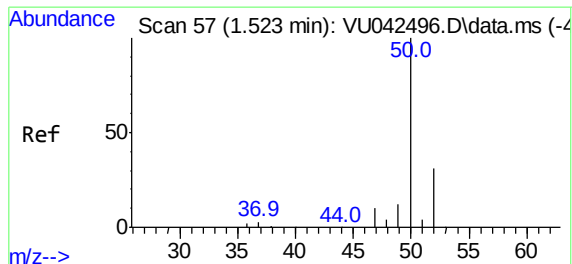
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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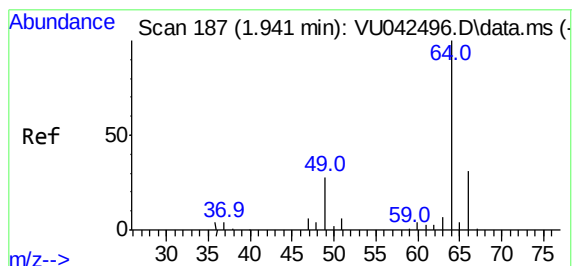
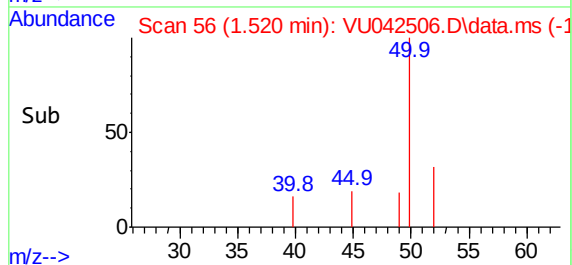
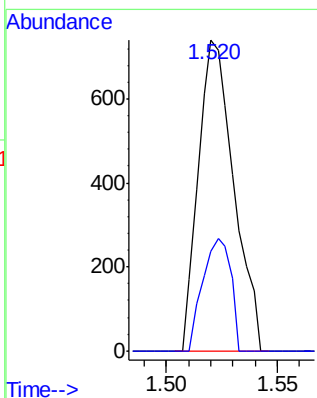
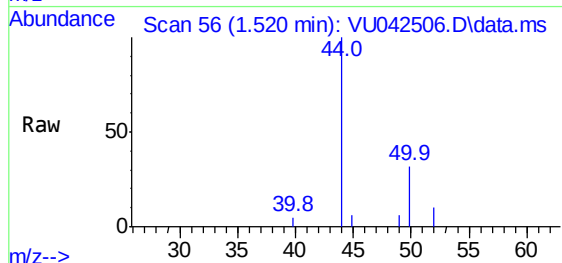




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

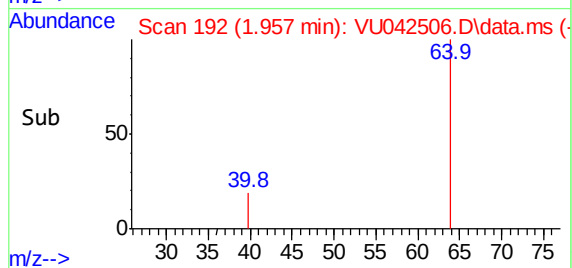
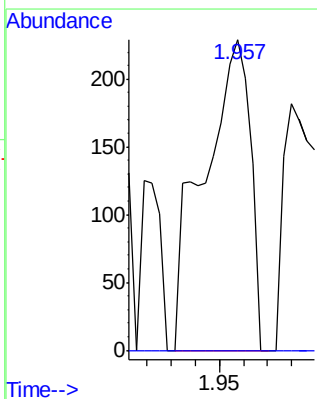
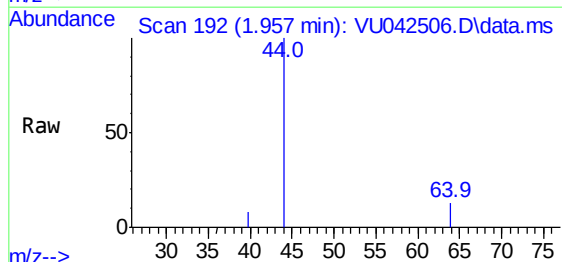
Instrument :
MSVOA_U
ClientSampleId :
C03T1

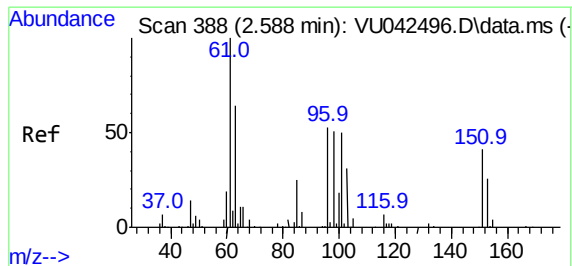
Tgt Ion: 50 Resp: 822
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.8



#8
Chloroethane
Concen: 0.07 ug/L
RT: 1.957 min Scan# 192
Delta R.T. 0.019 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

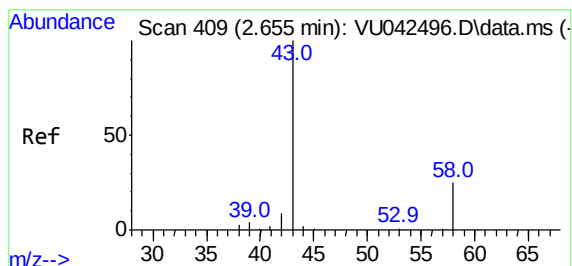
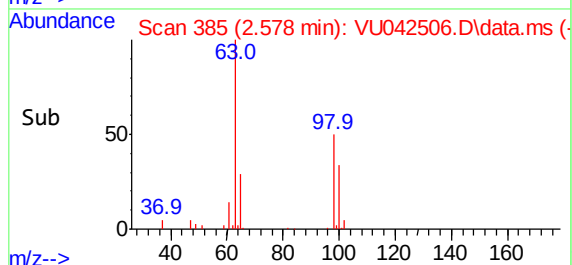
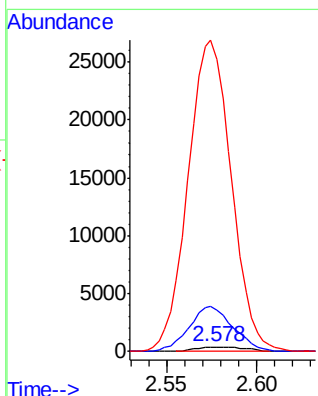
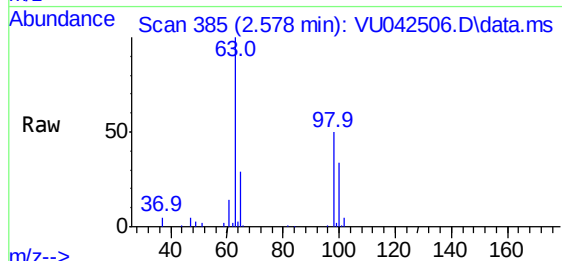




#12
1,1-Dichloroethene
Concen: 0.10 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

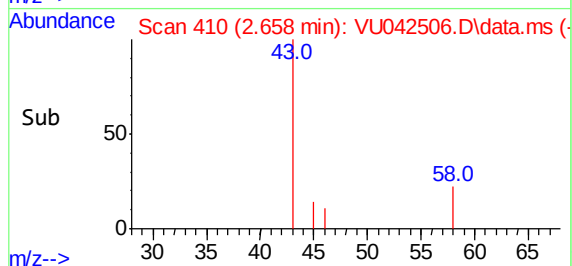
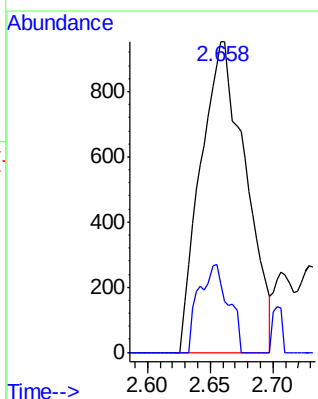
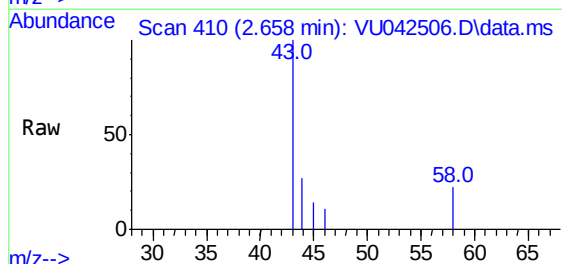
Instrument :
MSVOA_U
ClientSampleId :
C03T1

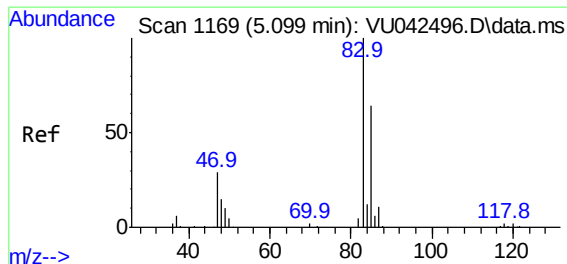
Tgt Ion: 96 Resp: 579
Ion Ratio Lower Upper
96 100
61 1029.3 126.2 234.4#
63 7327.5 77.8 144.4#



#13
Acetone
Concen: 1.67 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.000 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
58 18.3 0.0 55.8

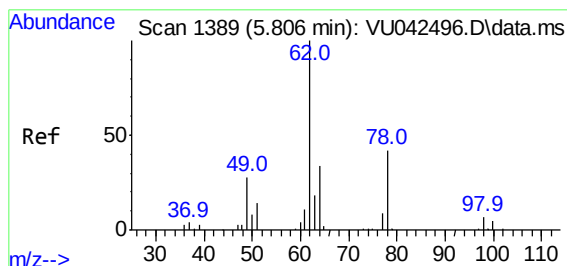
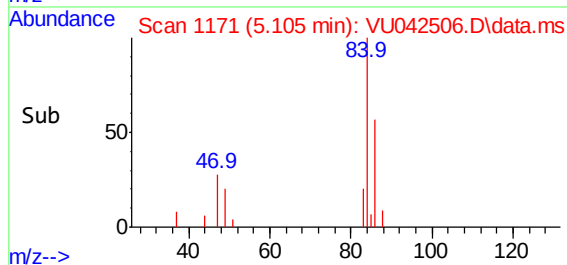
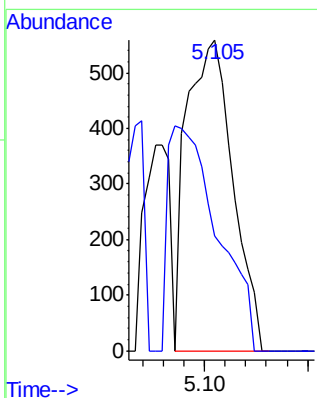
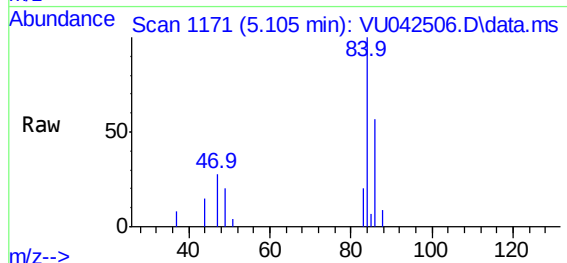




#25
Chloroform
Concen: 0.07 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

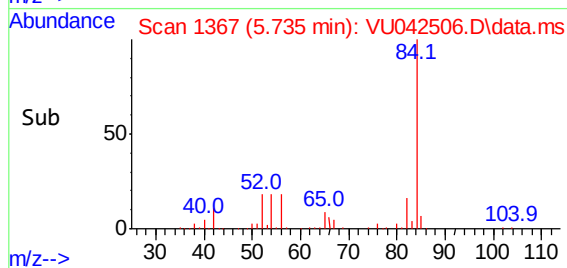
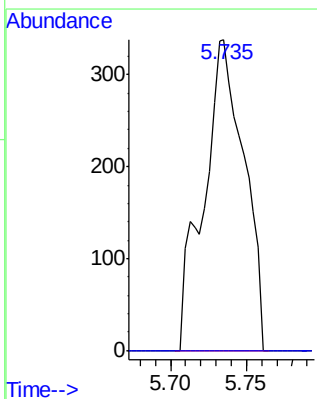
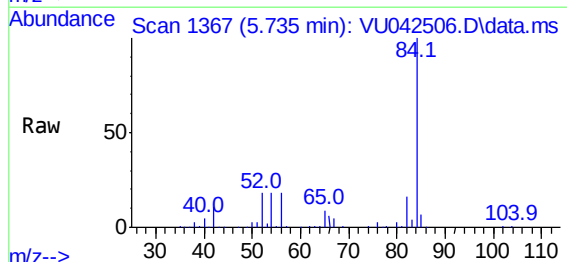
Instrument :
MSVOA_U
ClientSampled :
C03T1

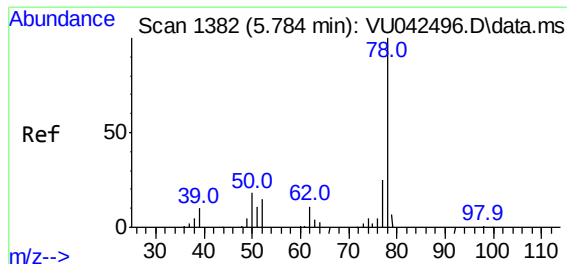
Tgt Ion: 83 Resp: 868
Ion Ratio Lower Upper
83 100
85 36.9 45.7 84.9#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Tgt Ion: 62 Resp: 627
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

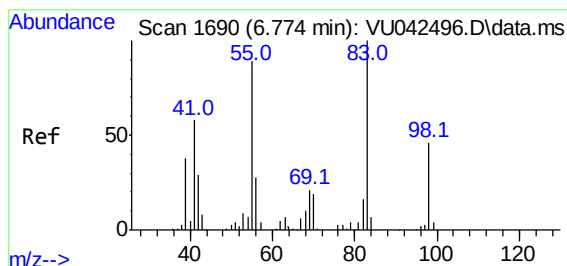
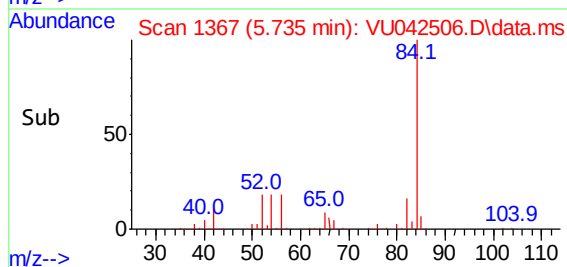
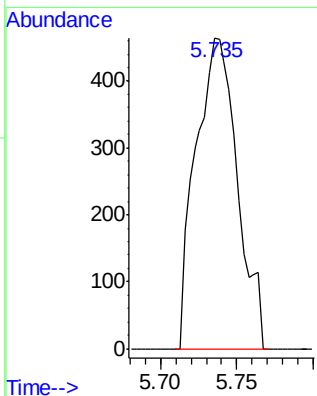
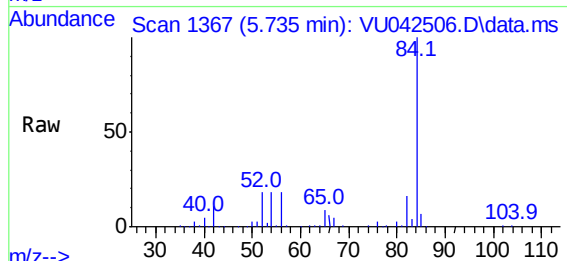




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
C03T1

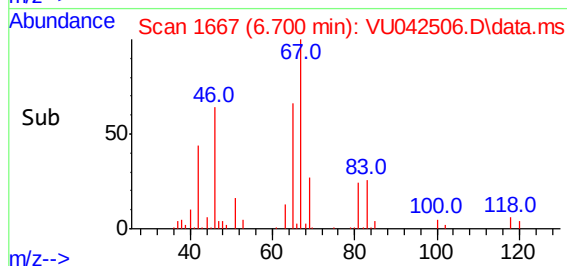
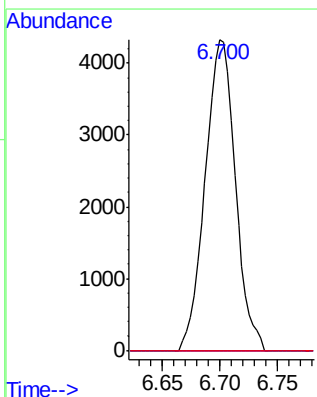
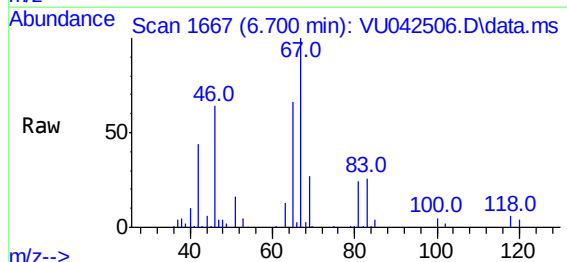
Tgt Ion: 78 Resp: 882

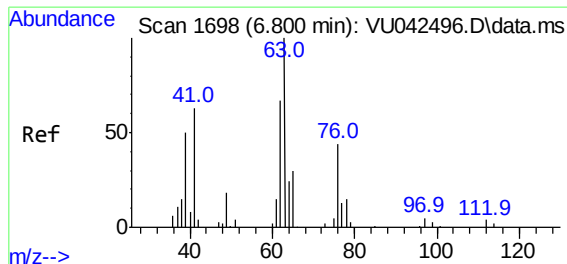


#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Tgt Ion: 83 Resp: 7827

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

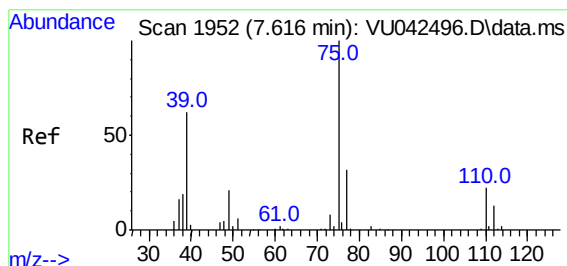
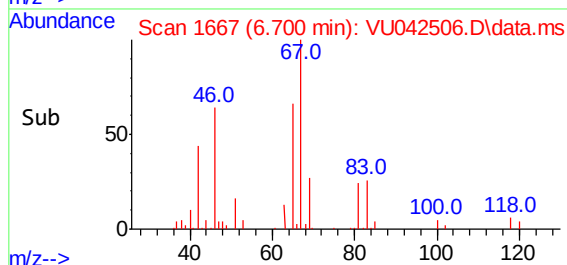
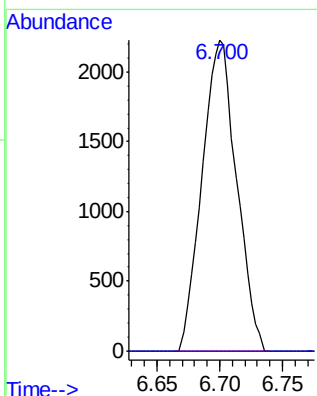
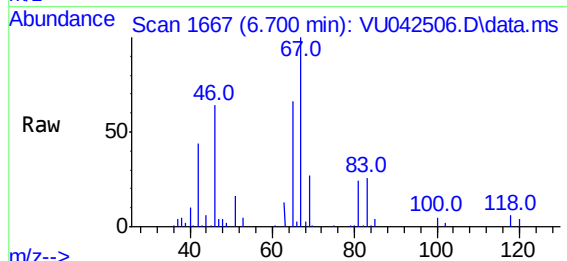




#37
1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

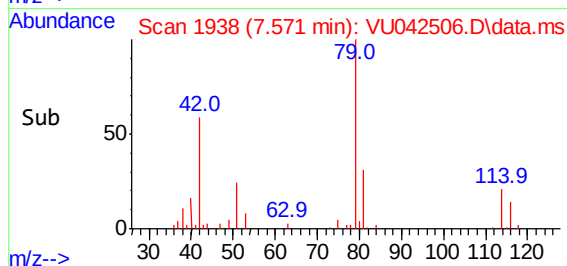
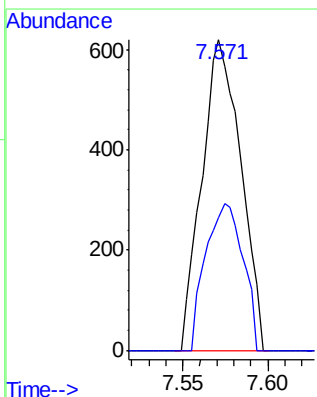
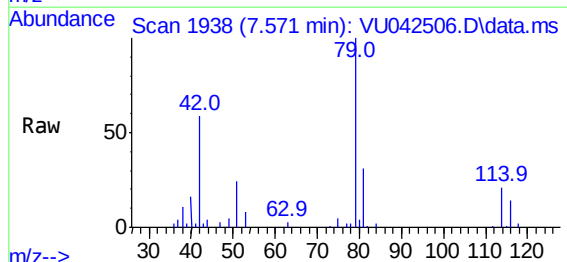
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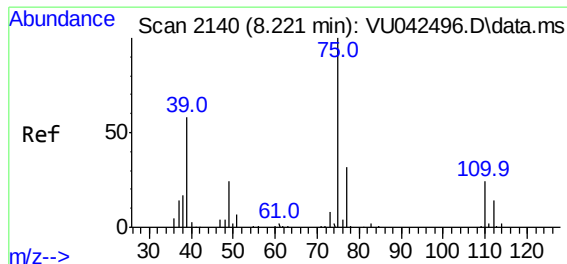
Tgt Ion: 63 Resp: 4276
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Tgt Ion: 75 Resp: 990
Ion Ratio Lower Upper
75 100
77 42.6 22.0 40.8#

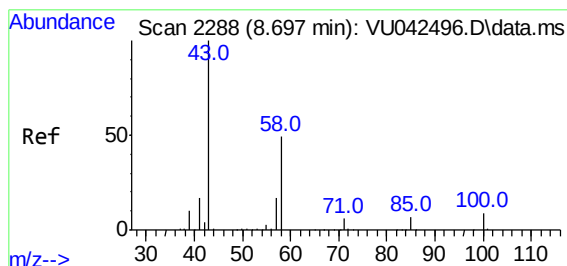
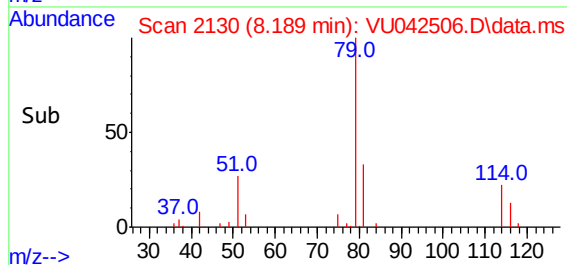
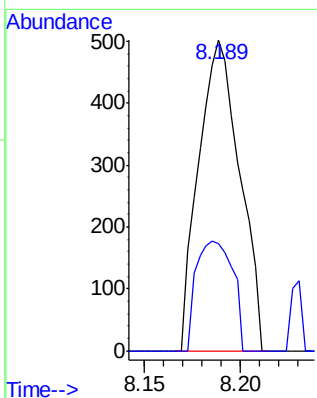
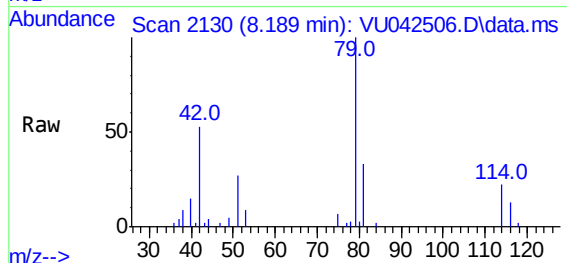




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Instrument :
MSVOA_U
ClientSampled :
C03T1

Tgt Ion: 75 Resp: 743
Ion Ratio Lower Upper
75 100
77 34.7 21.8 40.4



#48
2-Hexanone
Concen: 2.36 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042506.D
Acq: 05 Mar 2021 16:40

Tgt Ion: 43 Resp: 10426
Ion Ratio Lower Upper
43 100
58 27.9 40.6 61.0#
57 23.7 14.9 22.3#
100 0.0 8.6 12.8#

