

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042640.D
 Acq On : 13 Mar 2021 04:00
 Operator : SY/MD
 Sample : M1676-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE0

Quant Time: Mar 13 06:45:44 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)

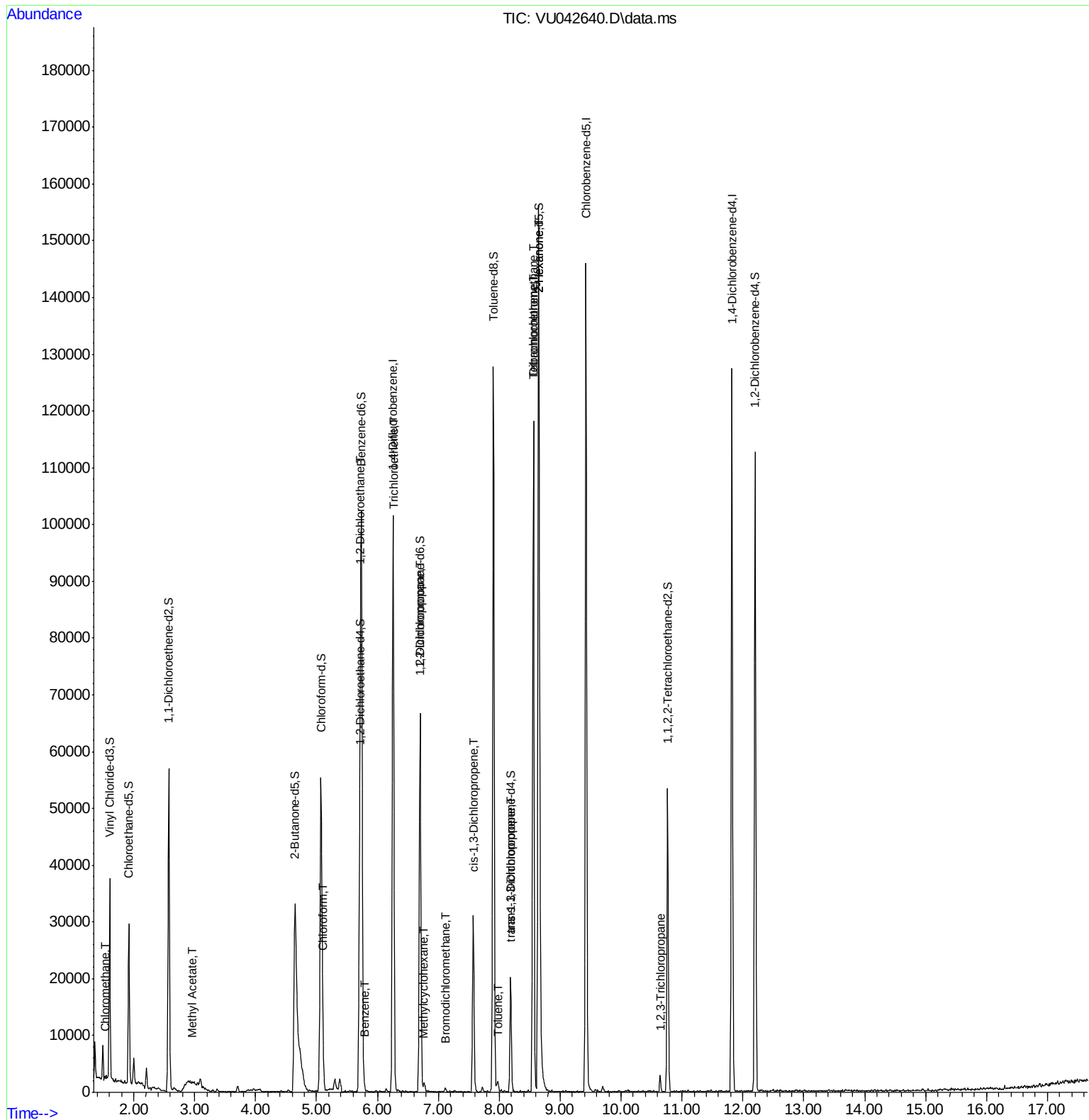
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	77544	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	32593	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20405	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.919	69	19099	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.575	63	35100	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.649	46	85973	50.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	5.073	84	47146	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.710	65	31744	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.735	84	85305	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.700	67	28415	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	79872	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.189	79	10602	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.645	63	57199	42.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.68%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24483	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	27924	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%
Target Compounds						
3) Chloromethane	1.527	50	422	0.06	ug/L #	42
15) Methyl Acetate	2.964	43	588	0.18	ug/L #	55
25) Chloroform	5.102	83	7841	0.67	ug/L	96
27) 1,2-Dichloroethane	5.723	62	356	0.04	ug/L #	75
33) Benzene	5.784	78	616	0.03	ug/L	100
34) Trichloroethene	6.263	95	1280	0.20	ug/L #	5
35) Methylcyclohexane	6.761	83	404	0.04	ug/L #	34
37) 1,2-Dichloropropane	6.697	63	3649	0.57	ug/L #	87
38) Bromodichloromethane	7.115	83	677	0.08	ug/L #	81
39) cis-1,3-Dichloropropene	7.571	75	804	0.09	ug/L	99
42) Toluene	7.977	91	1328	0.05	ug/L	98
44) trans-1,3-Dichloropropene	8.192	75	539	0.06	ug/L #	71
47) Tetrachloroethene	8.558	164	25134	4.71	ug/L	97
48) 2-Hexanone	8.649	43	9282	2.26	ug/L #	70
49) Dibromochloromethane	8.562	129	22826	3.88	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	682	0.14	ug/L #	42

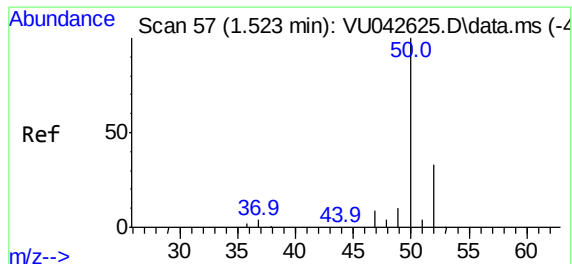
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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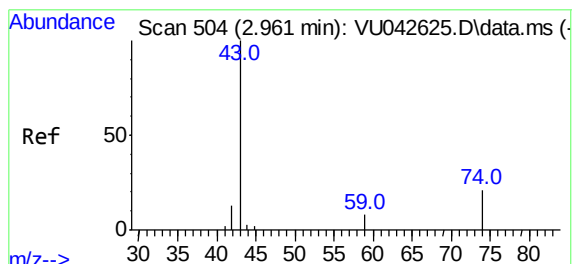
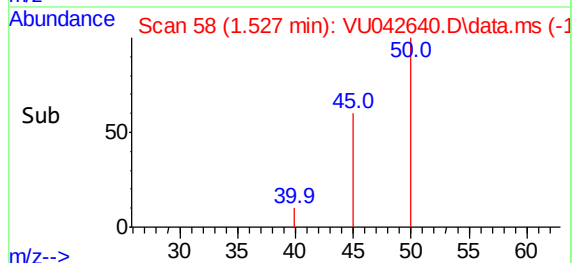
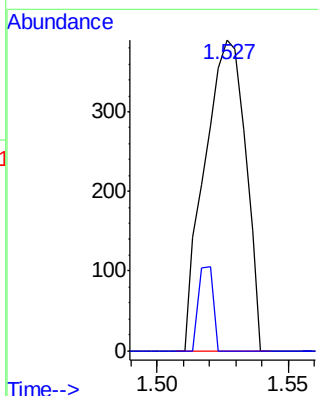
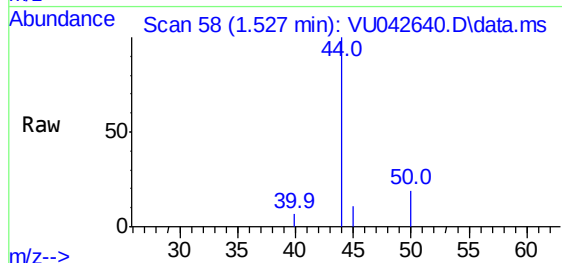




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

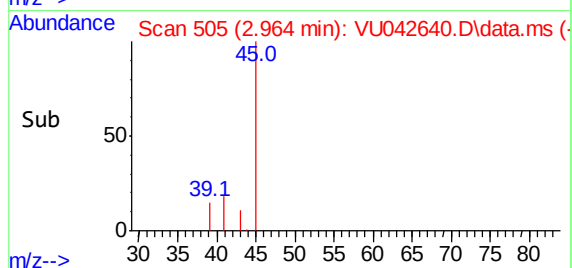
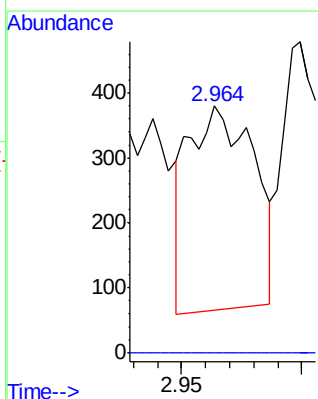
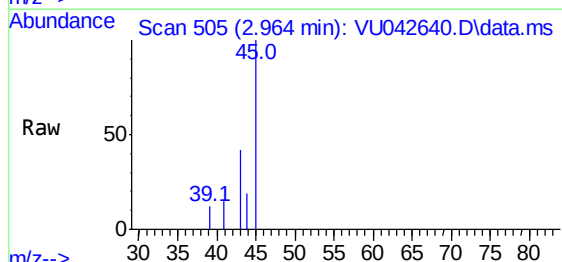
Instrument :
MSVOA_U
ClientSampled :
C0AE0

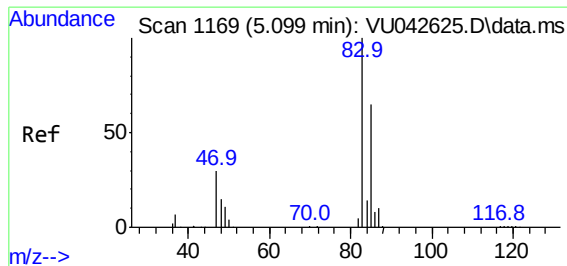
Tgt Ion: 50 Resp: 422
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#15
Methyl Acetate
Concen: 0.18 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

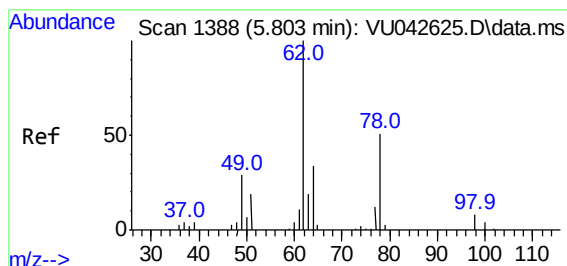
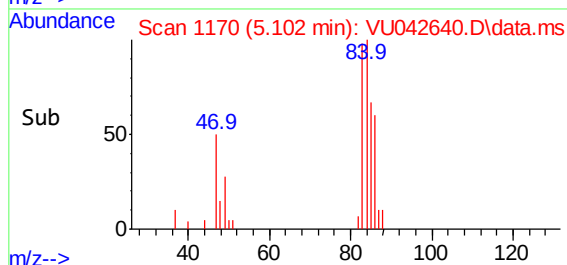
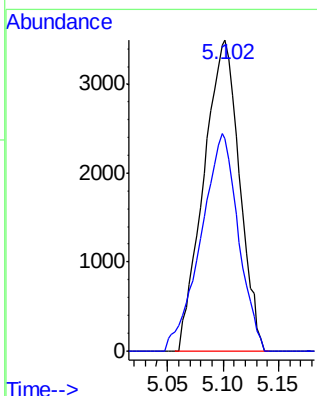
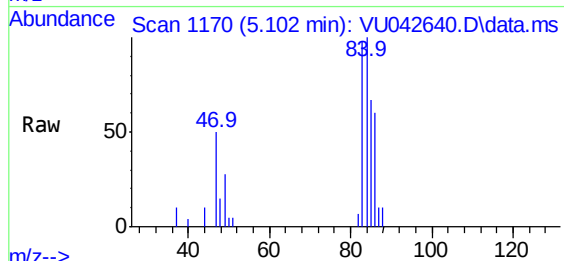




#25
Chloroform
Concen: 0.67 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

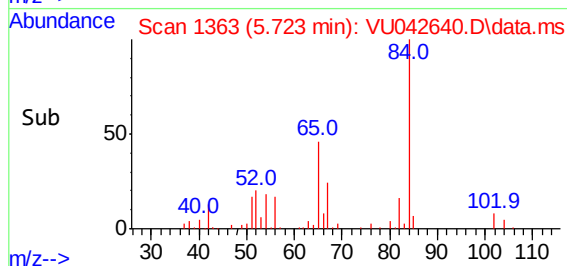
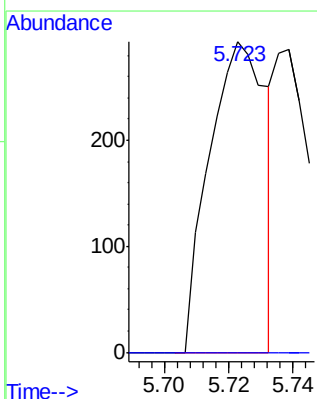
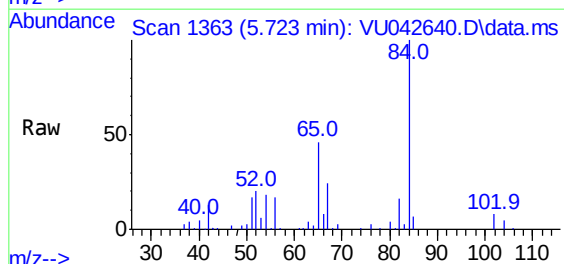
Instrument :
MSVOA_U
ClientSampled :
C0AE0

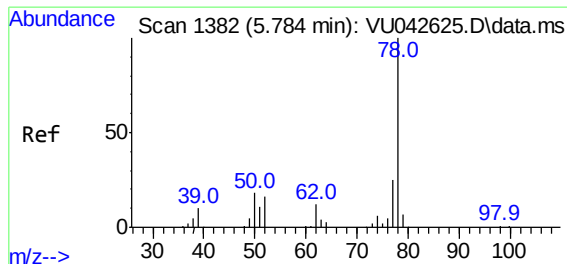
Tgt Ion: 83 Resp: 7841
Ion Ratio Lower Upper
83 100
85 68.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.723 min Scan# 1363
Delta R.T. -0.080 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Tgt Ion: 62 Resp: 356
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

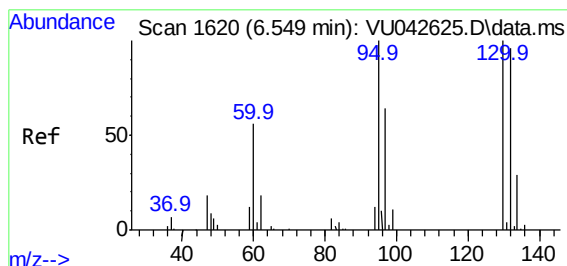
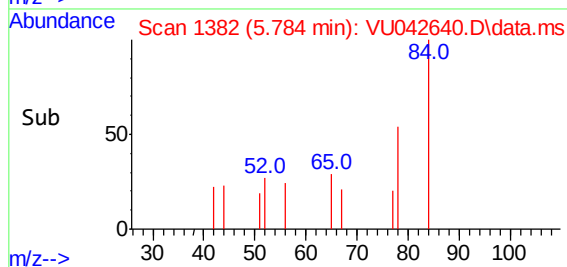
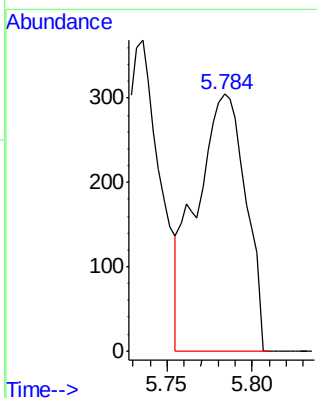
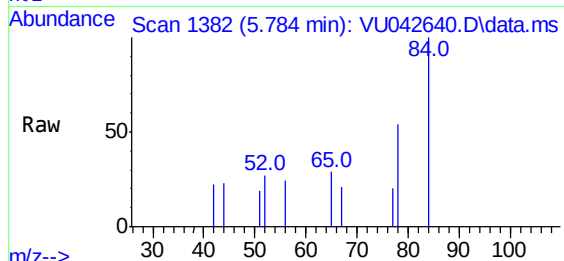




#33
Benzene
Concen: 0.03 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Instrument :
MSVOA_U
ClientSampled :
C0AE0

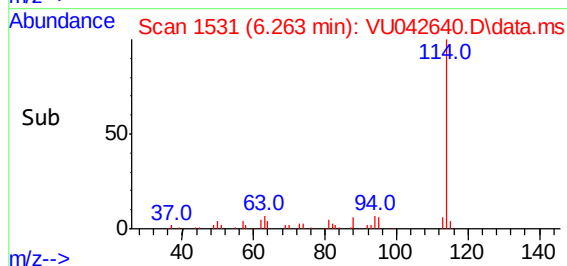
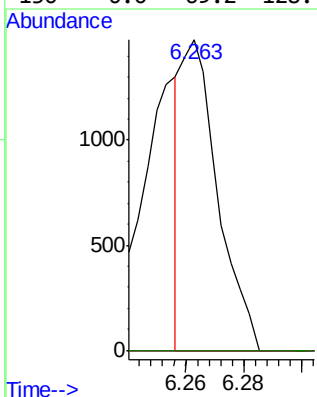
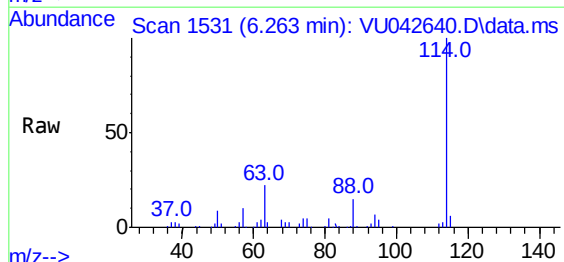
Tgt Ion: 78 Resp: 616

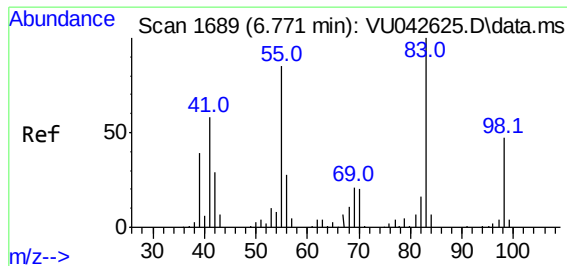


#34
Trichloroethene
Concen: 0.20 ug/L
RT: 6.263 min Scan# 1531
Delta R.T. -0.286 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Tgt Ion: 95 Resp: 1280

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	68.0	126.4#
130	0.0	69.2	128.4#

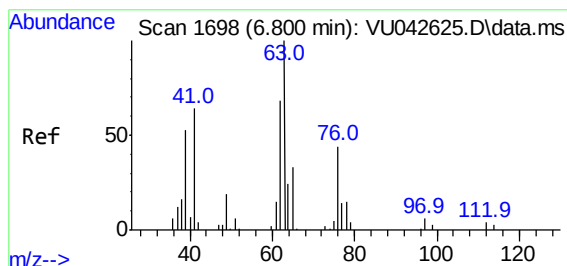
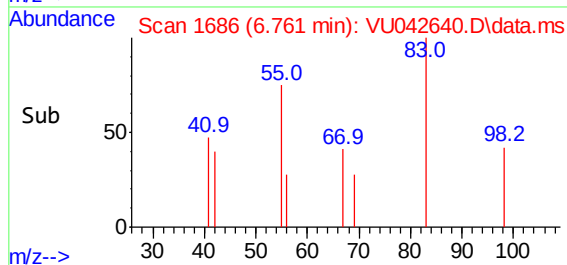
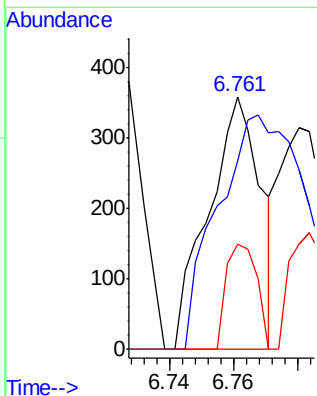
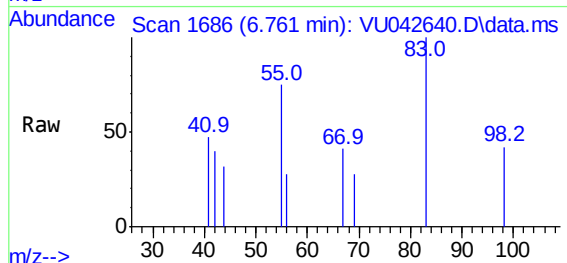




#35
Methylcyclohexane
Concen: 0.04 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.010 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

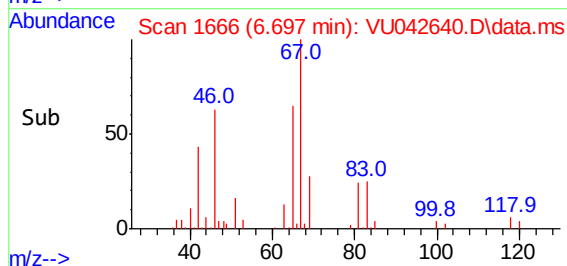
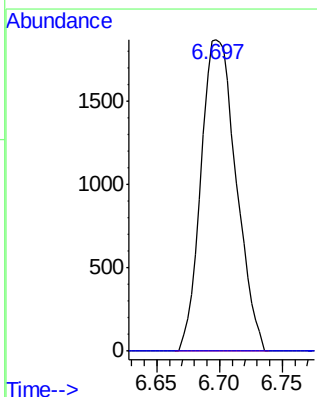
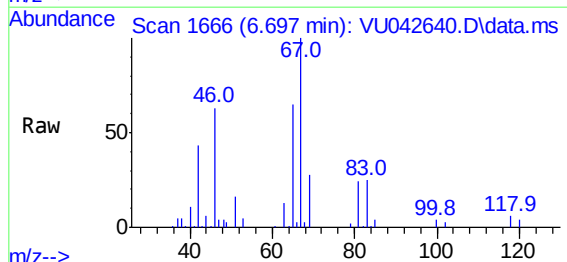
Instrument :
MSVOA_U
ClientSampleId :
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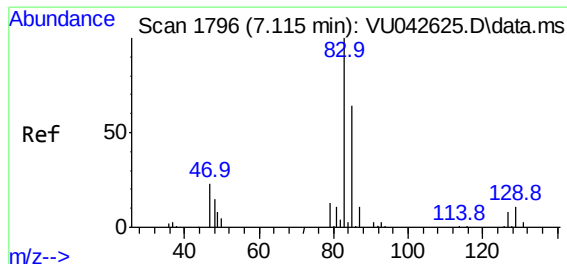
Tgt Ion: 83 Resp: 404
Ion Ratio Lower Upper
83 100
55 161.1 68.2 102.4#
98 24.5 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Tgt Ion: 63 Resp: 3649
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

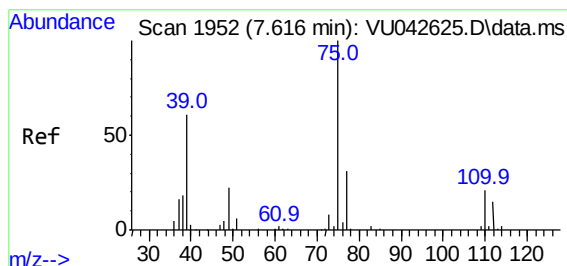
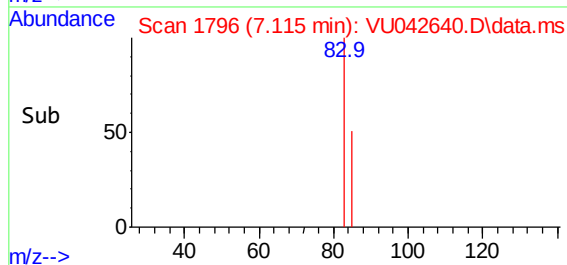
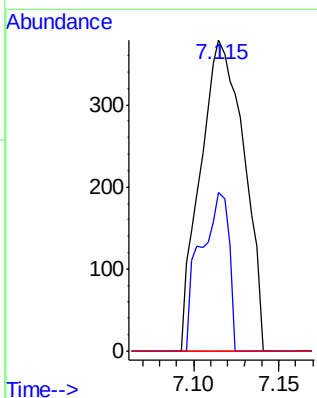
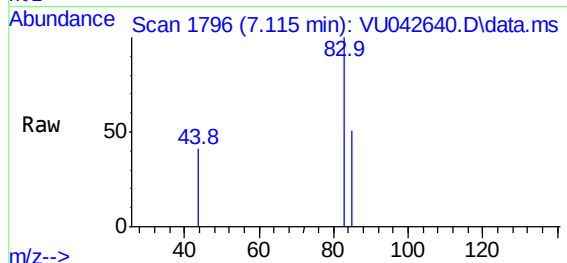




#38
Bromodichloromethane
Concen: 0.08 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

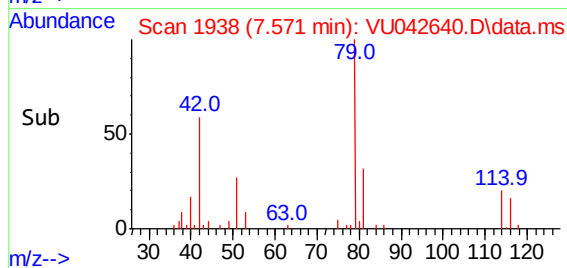
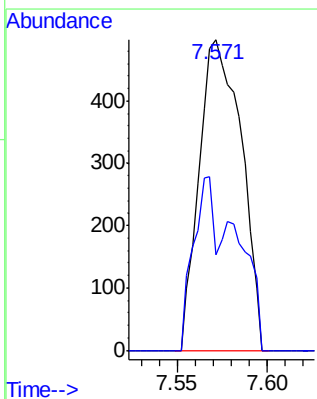
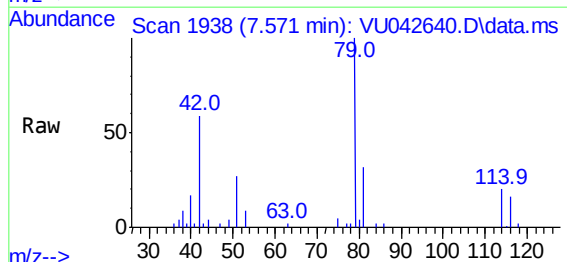
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MSVOA_U
ClientSampled :
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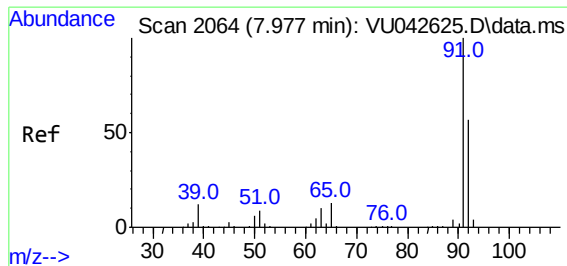
Tgt Ion: 83 Resp: 677
Ion Ratio Lower Upper
83 100
85 51.2 46.0 85.4
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Tgt Ion: 75 Resp: 804
Ion Ratio Lower Upper
75 100
77 30.7 22.0 40.8

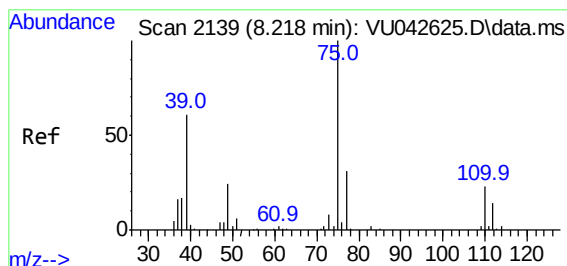
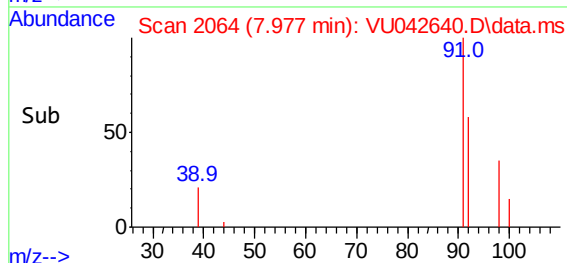
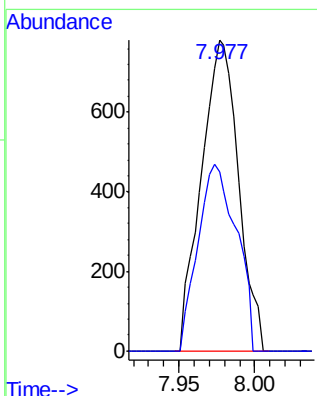
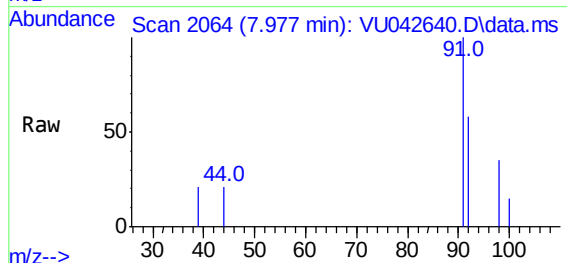




#42
Toluene
Concen: 0.05 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

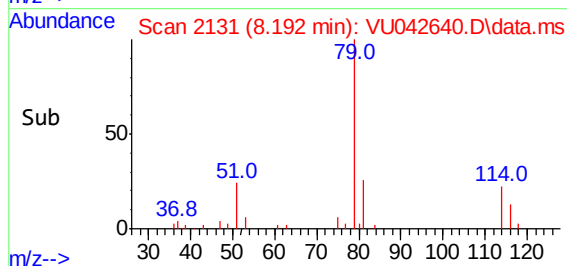
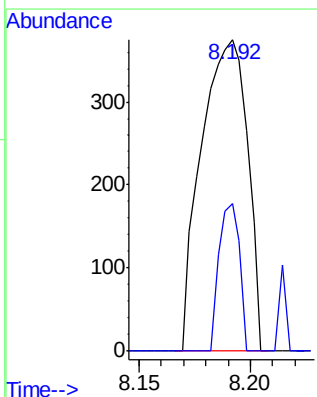
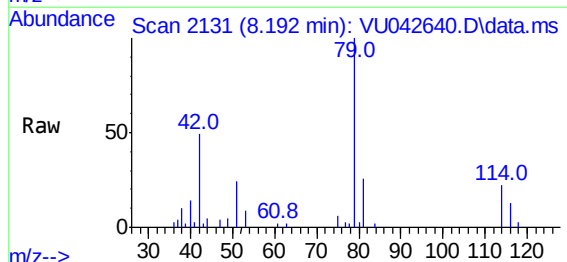
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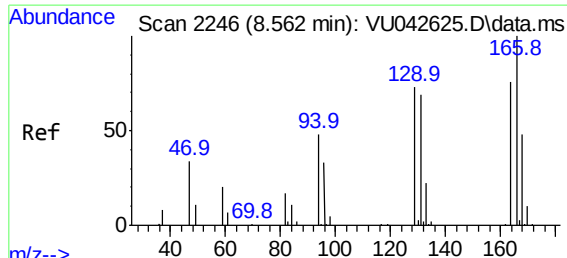
Tgt Ion: 91 Resp: 1328
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Tgt Ion: 75 Resp: 539
Ion Ratio Lower Upper
75 100
77 47.2 21.8 40.4#





#47

Tetrachloroethene

Concen: 4.71 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU042640.D

Acq: 13 Mar 2021 04:00

Instrument :

MSVOA_U

ClientSampleId :

C0AE0

Tgt Ion:164 Resp: 25134

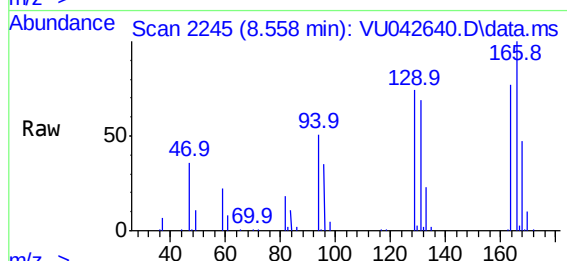
Ion Ratio Lower Upper

164 100

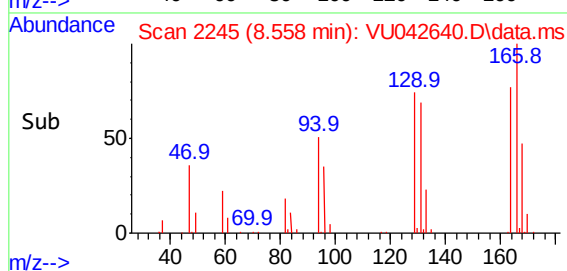
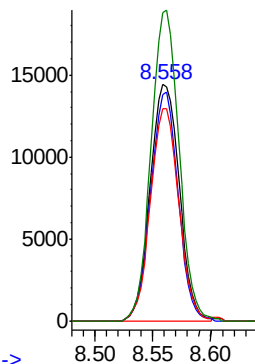
129 96.0 64.3 119.5

131 89.9 62.2 115.6

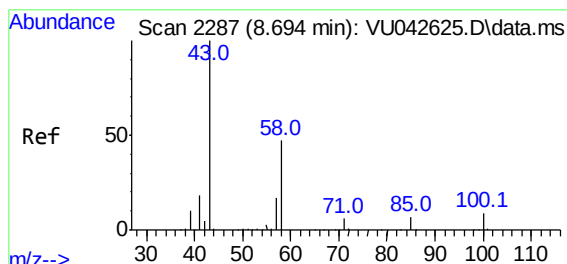
166 130.5 88.6 164.6



Abundance



Time-->



#48

2-Hexanone

Concen: 2.26 ug/L

RT: 8.649 min Scan# 2273

Delta R.T. -0.045 min

Lab File: VU042640.D

Acq: 13 Mar 2021 04:00

Tgt Ion: 43 Resp: 9282

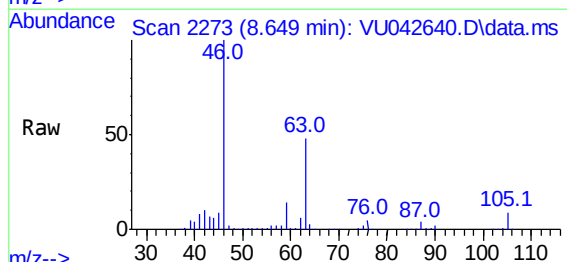
Ion Ratio Lower Upper

43 100

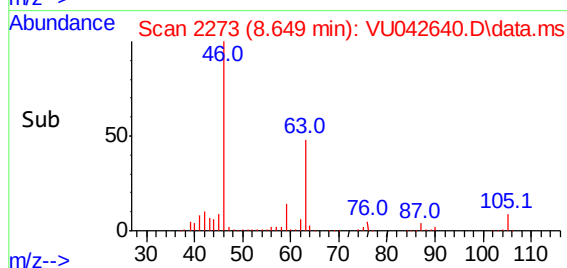
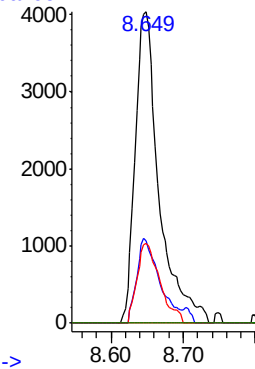
58 25.7 40.6 61.0#

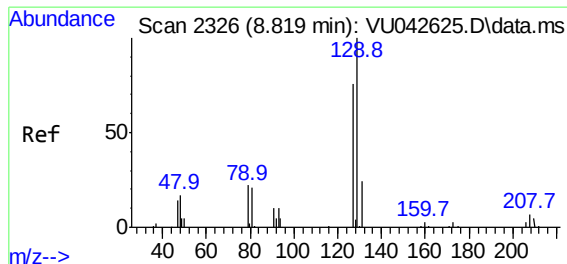
57 24.2 14.9 22.3#

100 0.0 8.6 12.8#



Abundance

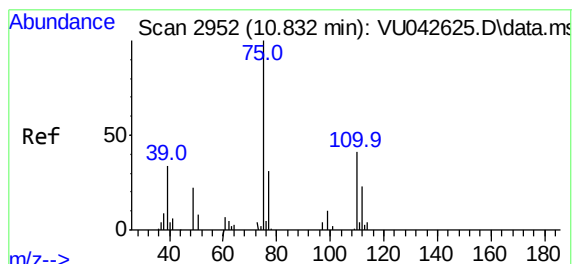
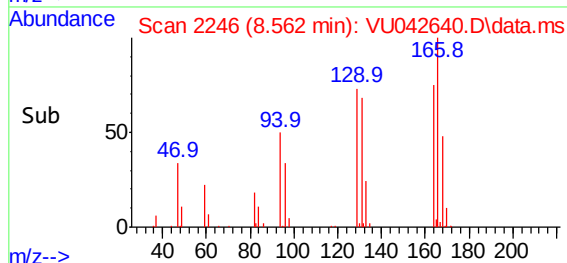
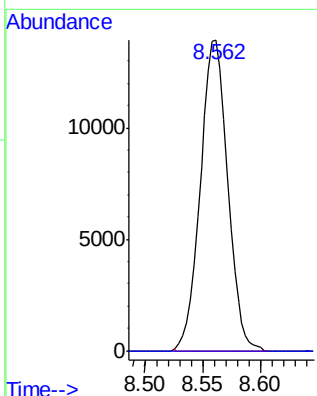
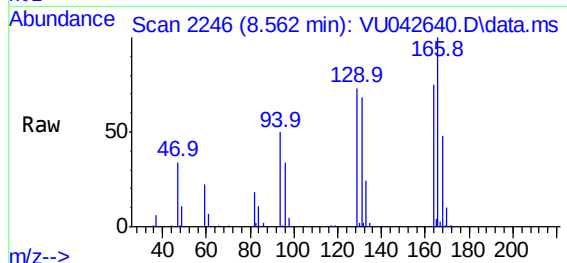




#49
Dibromochloromethane
Concen: 3.88 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Instrument :
MSVOA_U
ClientSampleId :
C0AE0

Tgt Ion:129 Resp: 22826
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.14 ug/L
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042640.D
Acq: 13 Mar 2021 04:00

Tgt Ion: 75 Resp: 682
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

