

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042661.D
 Acq On : 15 Mar 2021 13:46
 Operator : SY/MD
 Sample : M1676-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE0

Quant Time: Mar 16 01:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	78615	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	74997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34425	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21394	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.919	69	18738	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.572	63	37404	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.649	46	81967	47.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.26%
24) Chloroform-d	5.073	84	48094	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.713	65	31993	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.735	84	86253	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	29570	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.906	98	81089	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	8.185	79	11855	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.648	63	60804	45.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.64%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26303	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	31352	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

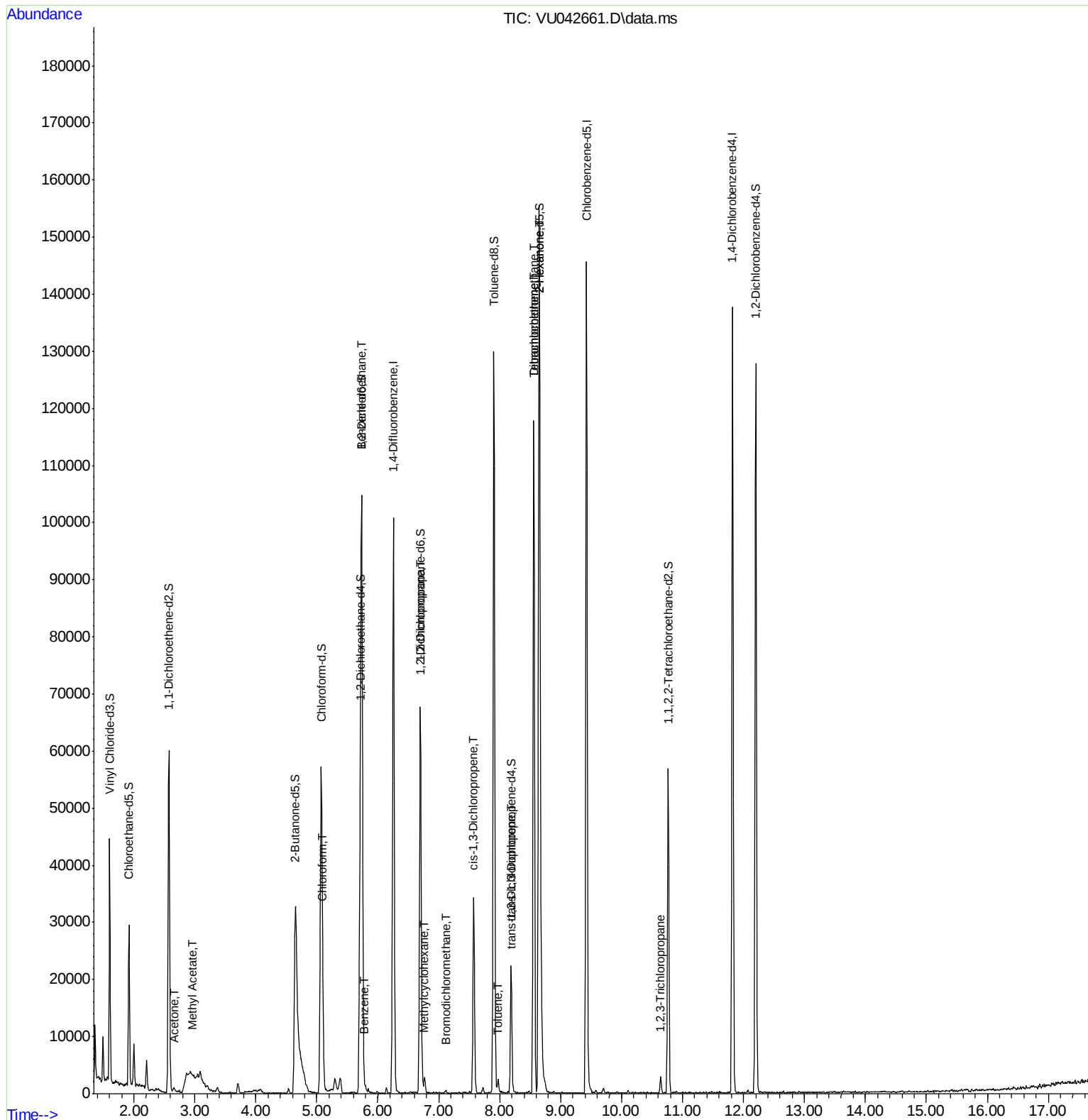
Target Compounds						Qvalue
13) Acetone	2.662	43	1234	0.93	ug/L	62
15) Methyl Acetate	2.957	43	322	0.10	ug/L #	55
25) Chloroform	5.096	83	7881	0.67	ug/L	99
27) 1,2-Dichloroethane	5.735	62	616	0.07	ug/L #	75
33) Benzene	5.780	78	714	0.03	ug/L	100
35) Methylcyclohexane	6.767	83	1079	0.11	ug/L #	85
37) 1,2-Dichloropropane	6.703	63	3599	0.57	ug/L #	87
38) Bromodichloromethane	7.121	83	534	0.06	ug/L #	91
39) cis-1,3-Dichloropropene	7.568	75	972	0.11	ug/L #	80
42) Toluene	7.973	91	1912	0.07	ug/L	77
44) trans-1,3-Dichloropropene	8.195	75	637	0.07	ug/L #	74
47) Tetrachloroethene	8.562	164	25790	4.86	ug/L	93
48) 2-Hexanone	8.648	43	10167	2.49	ug/L #	69
49) Dibromochloromethane	8.558	129	22510	3.85	ug/L #	12
59) 1,2,3-Trichloropropane	10.639	75	615	0.13	ug/L #	42

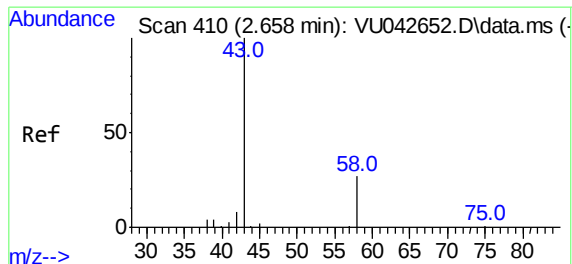
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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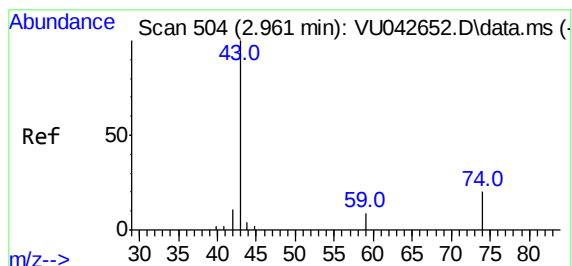
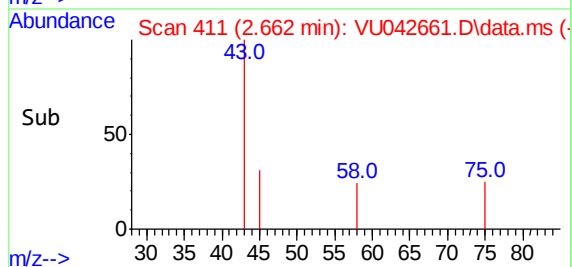
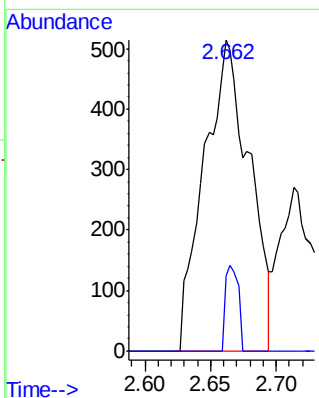
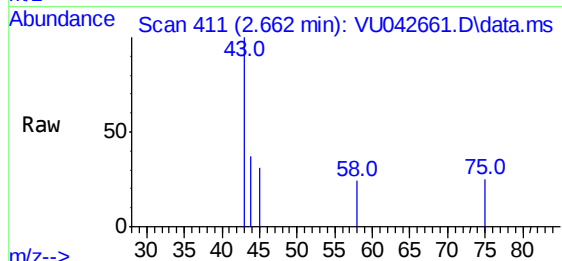




#13
Acetone
Concen: 0.93 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

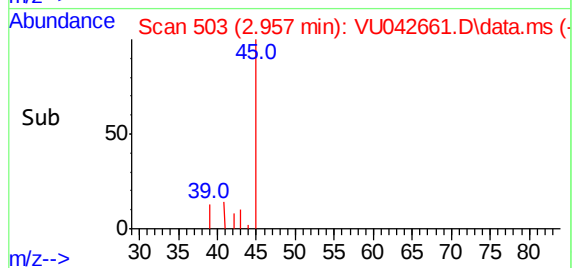
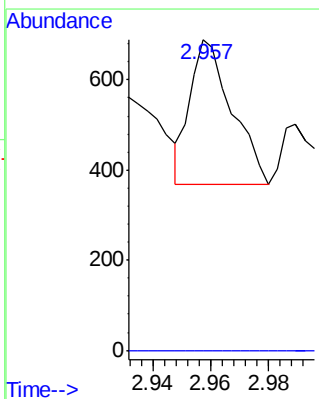
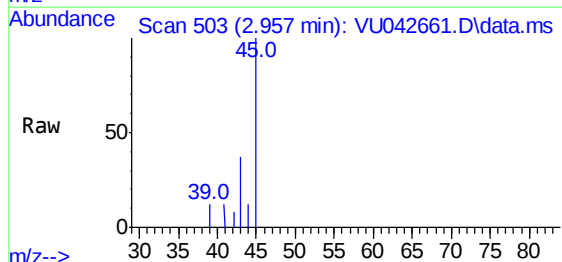
Instrument :
MSVOA_U
ClientSampled :
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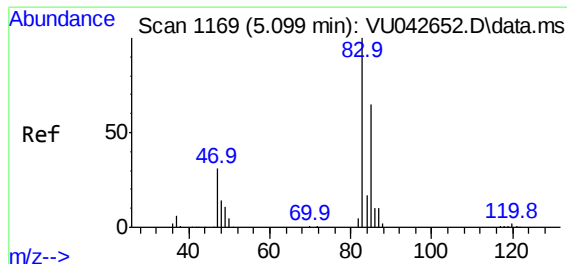
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 7.9 0.0 55.8



#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

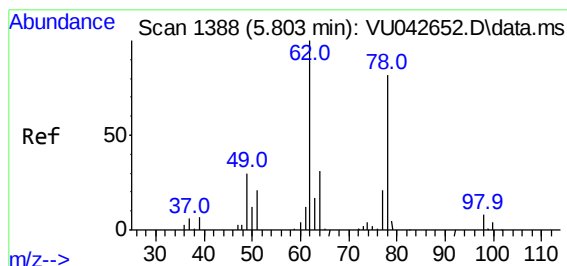
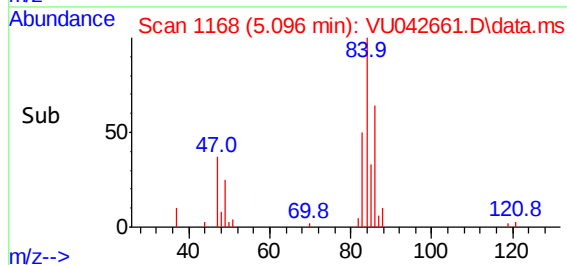
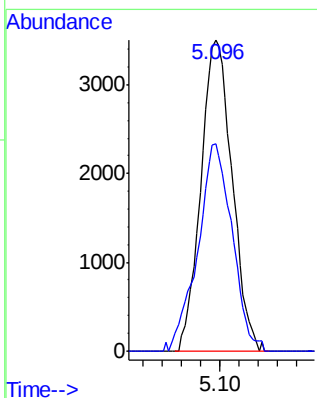
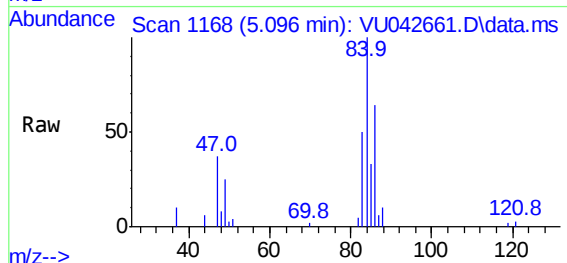




#25
Chloroform
Concen: 0.67 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

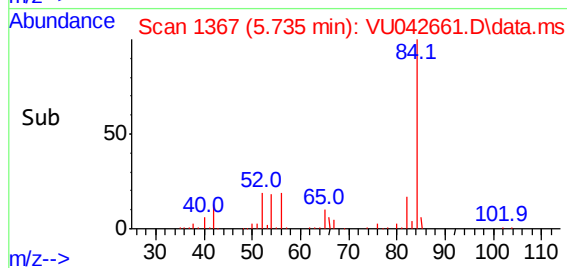
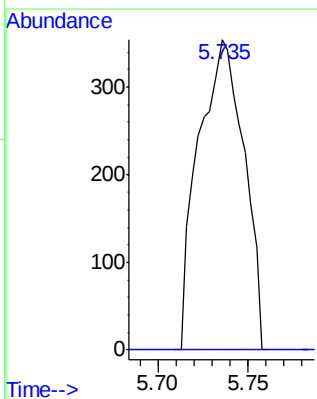
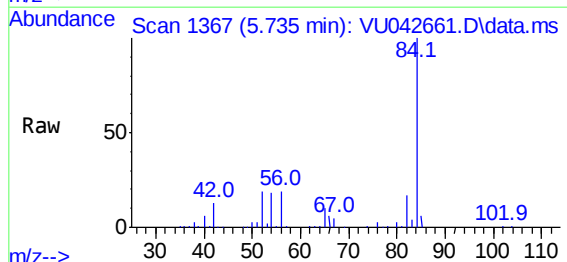
Instrument :
MSVOA_U
ClientSampleId :
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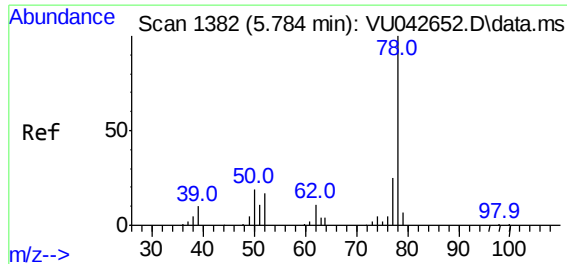
Tgt Ion: 83 Resp: 7881
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

Tgt Ion: 62 Resp: 616
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

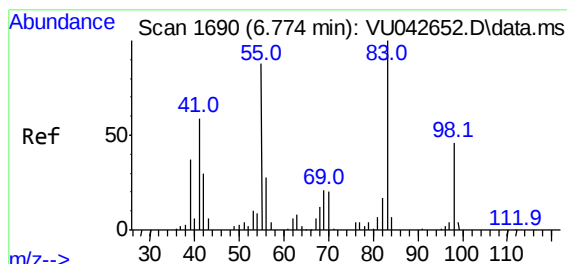
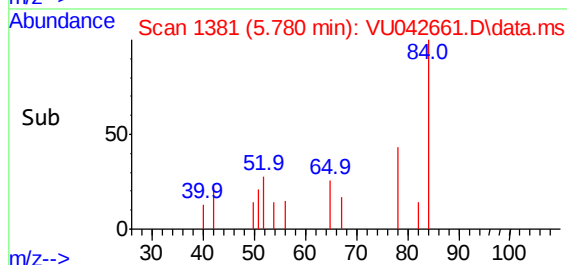
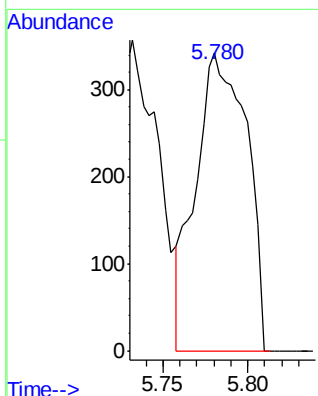
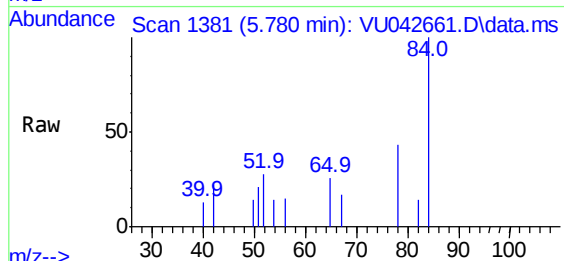




#33
Benzene
Concen: 0.03 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

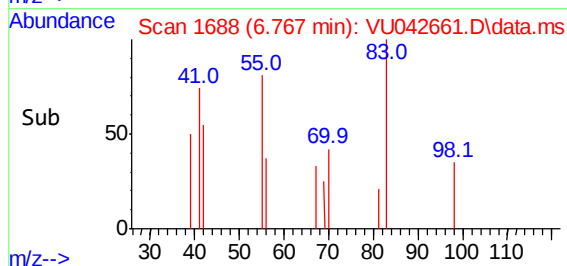
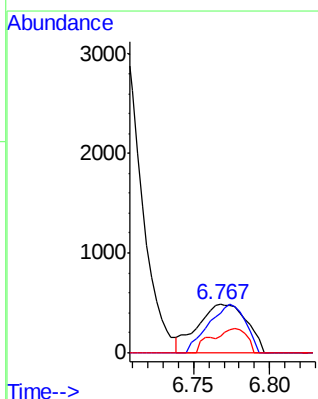
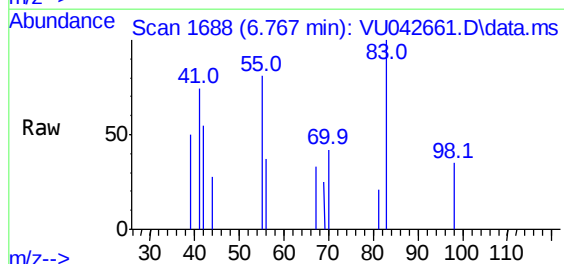
Instrument :
MSVOA_U
ClientSampleId :
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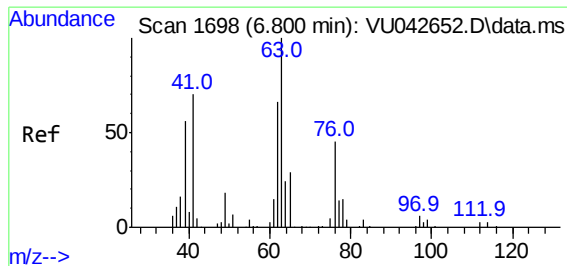
Tgt Ion: 78 Resp: 714



#35
Methylcyclohexane
Concen: 0.11 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

Tgt Ion: 83 Resp: 1079
Ion Ratio Lower Upper
83 100
55 74.6 68.2 102.4
98 34.8 39.7 59.5#

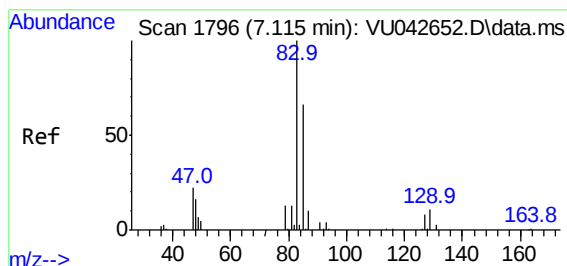
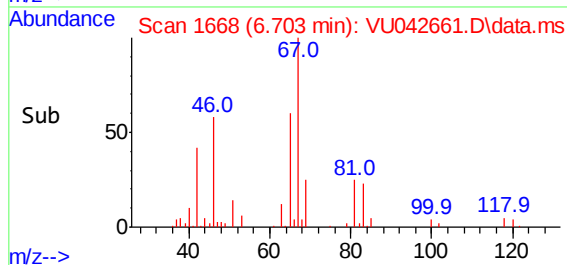
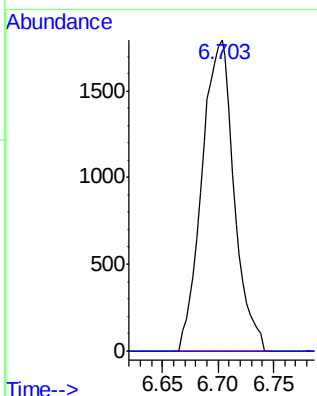
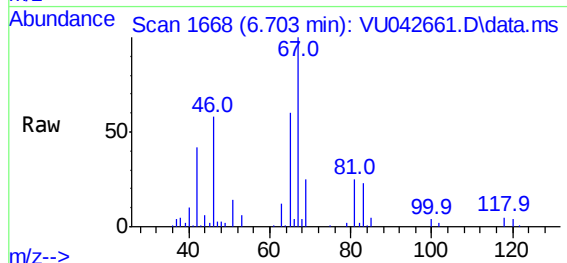




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

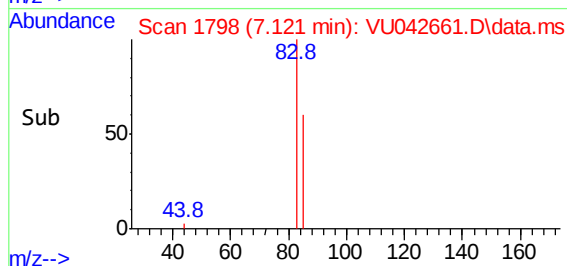
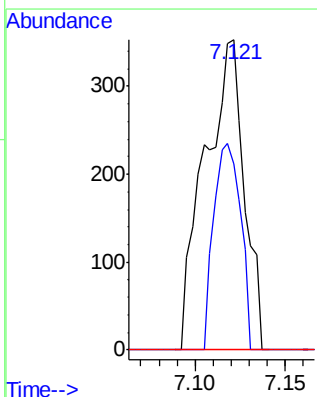
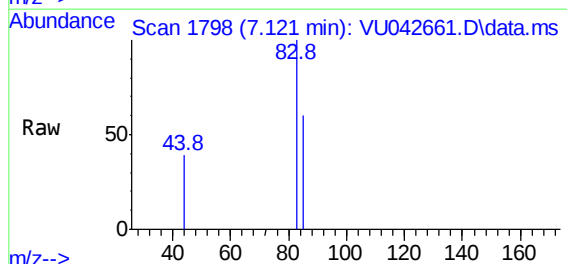
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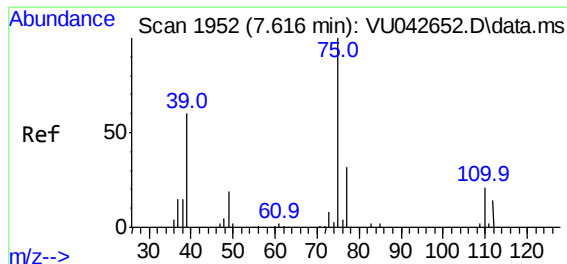
Tgt Ion: 63 Resp: 3599
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.06 ug/L
RT: 7.121 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

Tgt Ion: 83 Resp: 534
Ion Ratio Lower Upper
83 100
85 60.1 46.0 85.4
127 0.0 6.8 10.2#

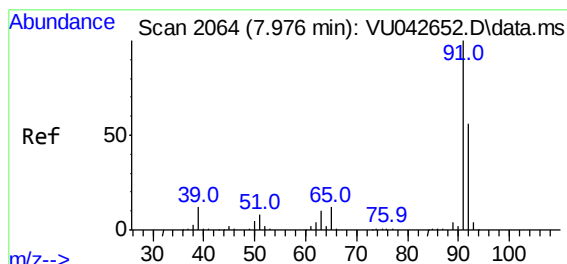
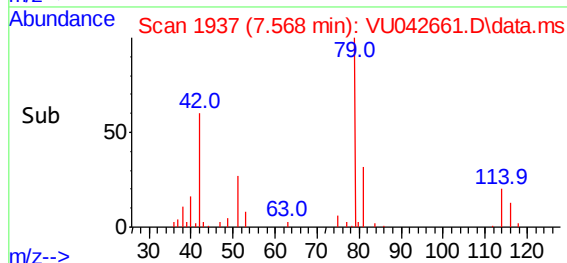
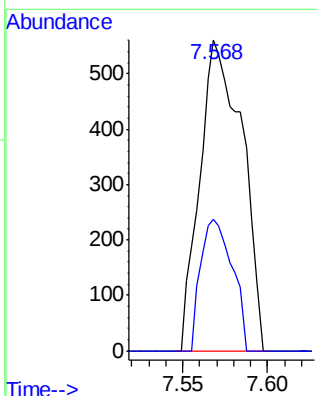
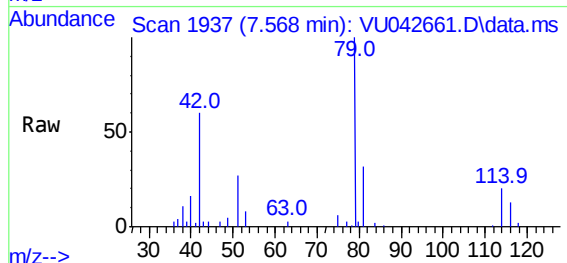




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.048 min
 Lab File: VU042661.D
 Acq: 15 Mar 2021 13:46

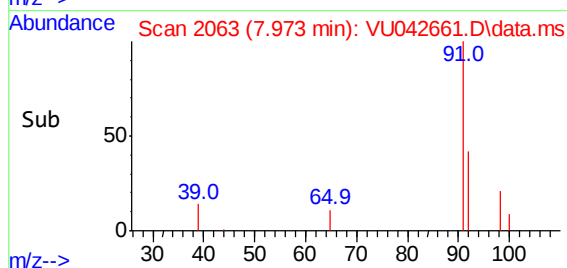
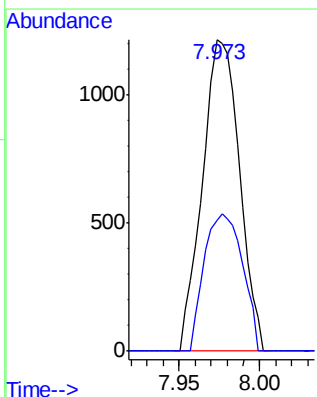
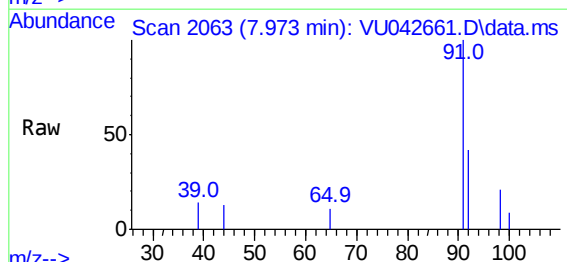
Instrument :
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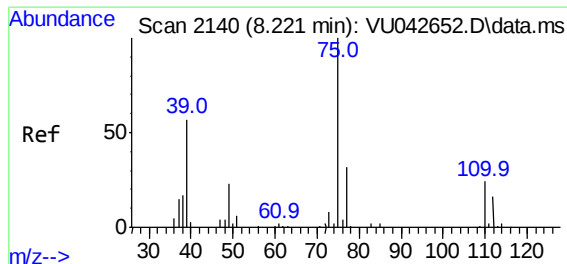
Tgt Ion: 75 Resp: 972
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.0 40.8#



#42
 Toluene
 Concen: 0.07 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.003 min
 Lab File: VU042661.D
 Acq: 15 Mar 2021 13:46

Tgt Ion: 91 Resp: 1912
 Ion Ratio Lower Upper
 91 100
 92 41.9 41.2 76.6



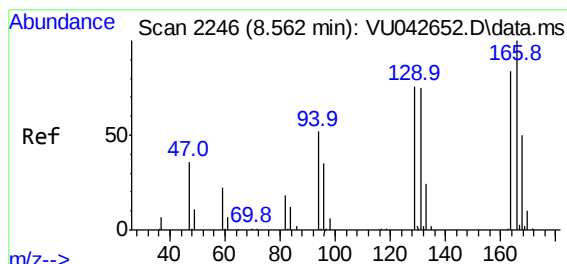
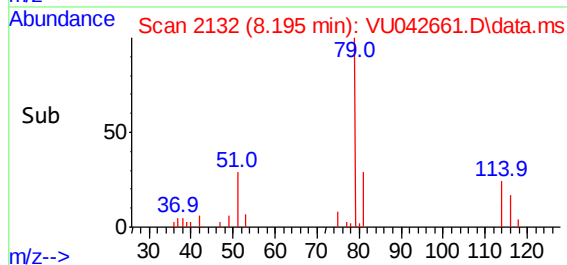
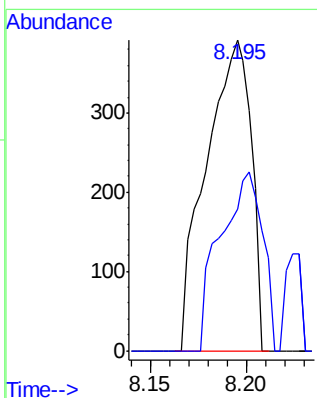
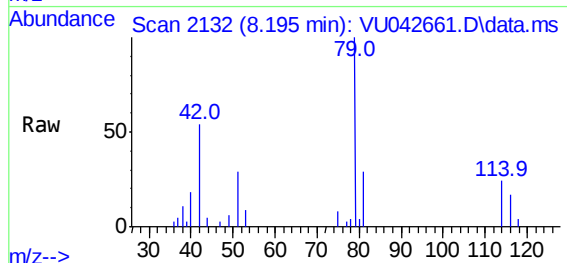


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.195 min Scan# 2132
Delta R.T. -0.026 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

Instrument :
MSVOA_U
ClientSampled :
C0AE0

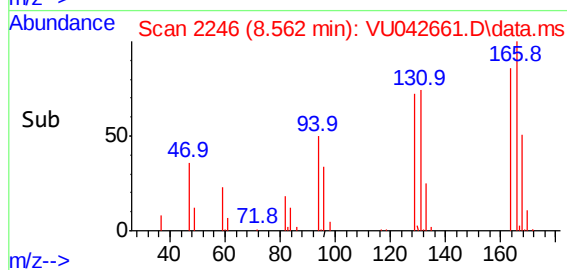
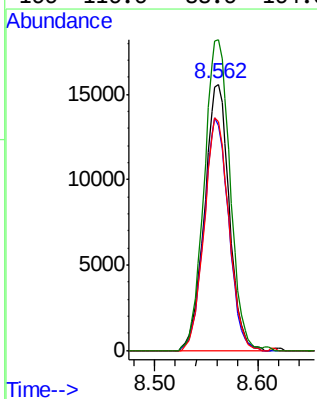
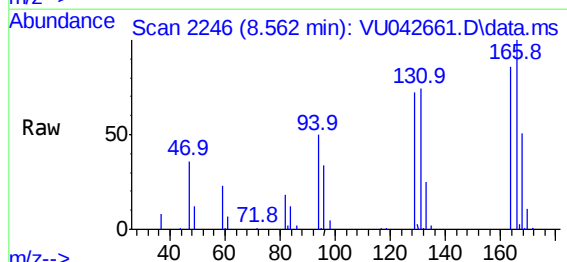
Tgt Ion: 75 Resp: 637
Ion Ratio Lower Upper
75 100
77 45.7 21.8 40.4#

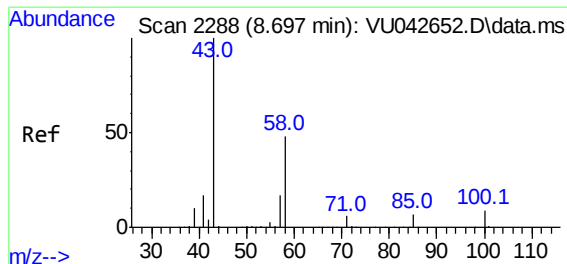


#47

Tetrachloroethene
Concen: 4.86 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

Tgt Ion: 164 Resp: 25790
Ion Ratio Lower Upper
164 100
129 84.4 64.3 119.5
131 85.7 62.2 115.6
166 116.6 88.6 164.6

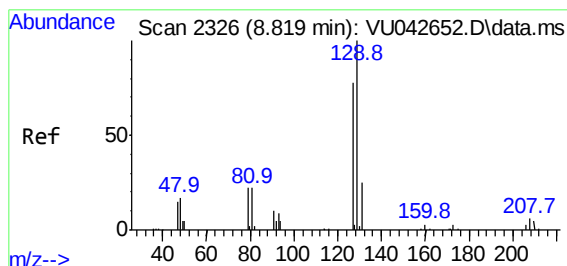
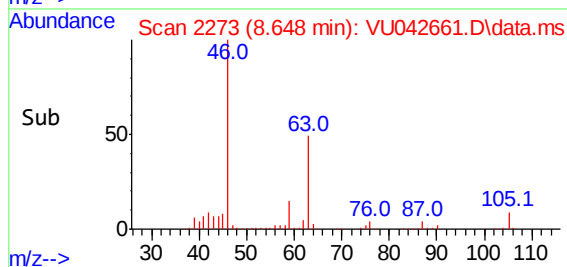
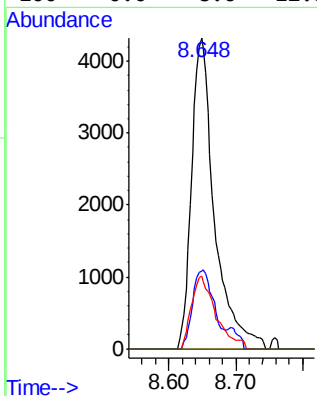
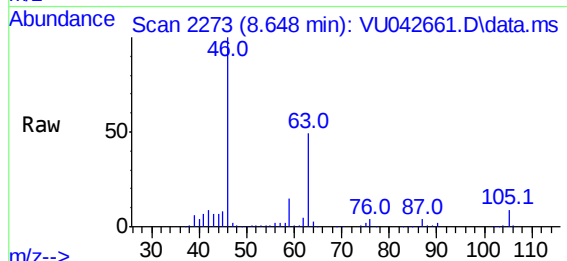




#48
2-Hexanone
Concen: 2.49 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

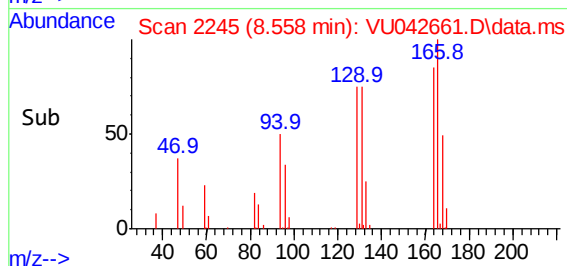
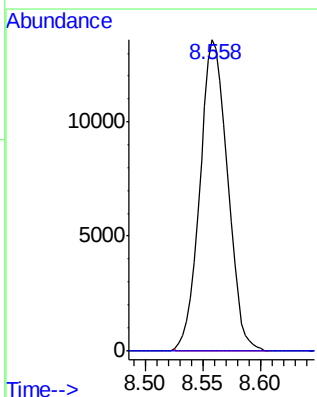
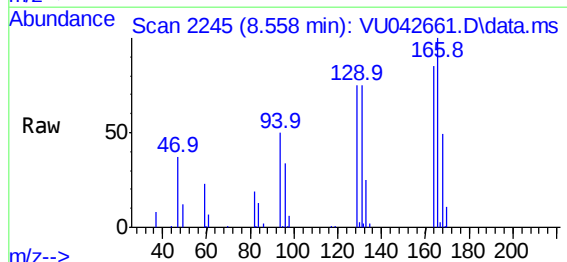
Instrument :
MSVOA_U
ClientSampleId :
C0AE0

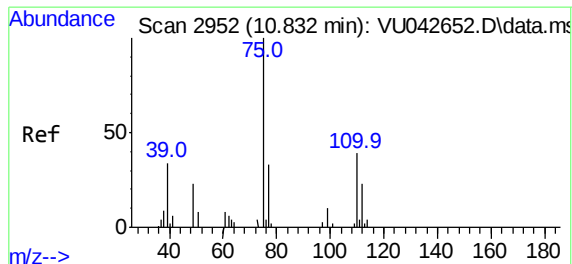
Tgt Ion:	43	Resp:	10167
Ion	Ratio	Lower	Upper
43	100		
58	24.1	40.6	61.0#
57	25.0	14.9	22.3#
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 3.85 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042661.D
Acq: 15 Mar 2021 13:46

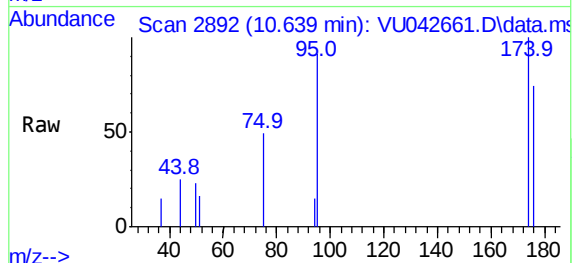
Tgt Ion:	129	Resp:	22510
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.13 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042661.D
 Acq: 15 Mar 2021 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE0



Tgt Ion: 75 Resp: 615
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

