

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042834.D
 Acq On : 30 Mar 2021 12:50
 Operator : SY/MD
 Sample : M1846-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR21

Quant Time: Mar 31 02:09:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	77992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	36991	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20197	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.919	69	18175	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.575	63	37576	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.649	46	80102	46.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	5.073	84	48389	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.713	65	30843	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.738	84	85483	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	28872	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.906	98	76749	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloroprop...	8.189	79	11376	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.648	63	65148	47.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.42%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25139	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	32083	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

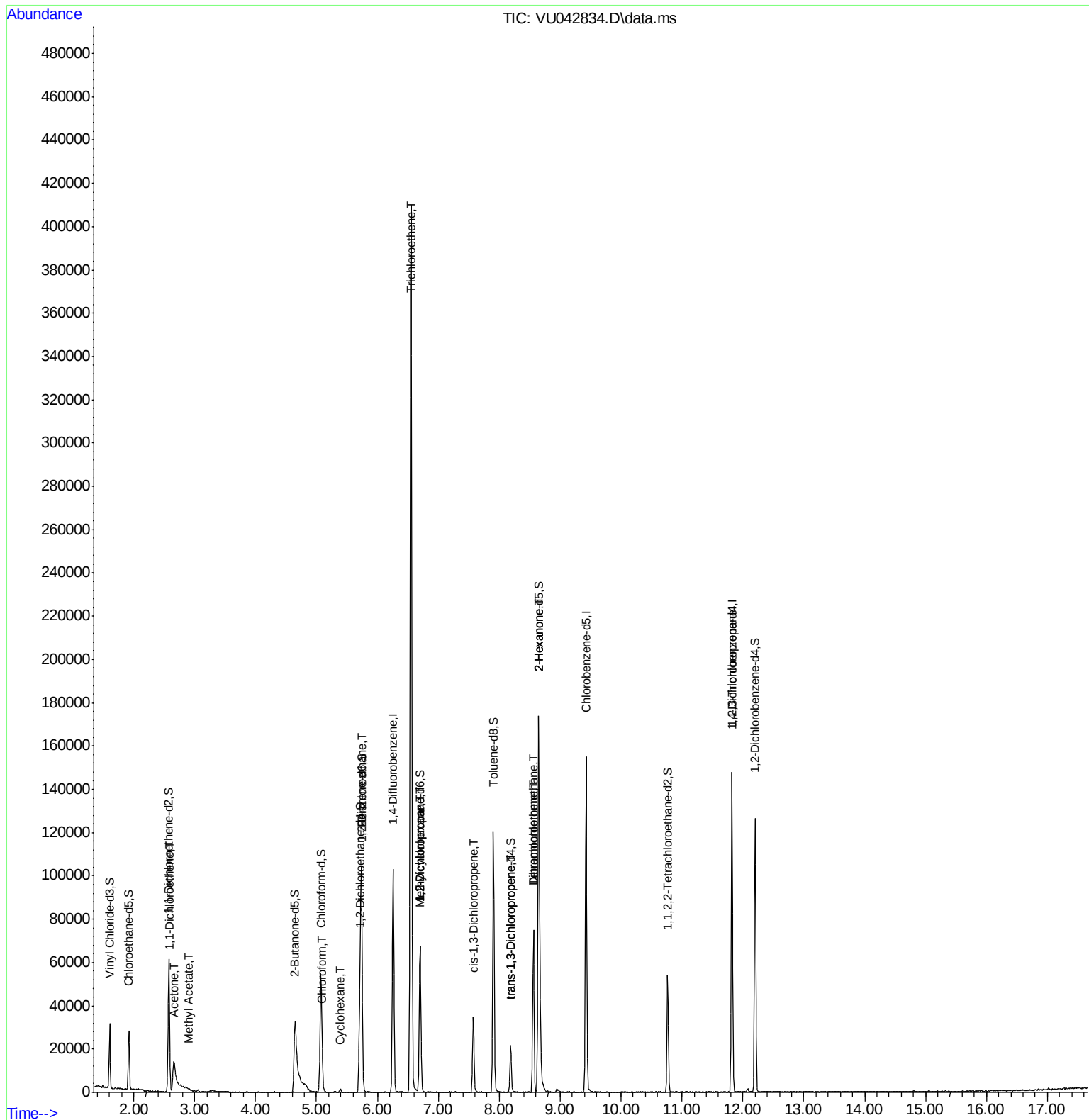
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	2021	0.37	ug/L #	1
13) Acetone	2.661	43	34973	26.41	ug/L	87
15) Methyl Acetate	2.899	43	1029	0.31	ug/L #	55
25) Chloroform	5.095	83	1802	0.15	ug/L	91
27) 1,2-Dichloroethane	5.742	62	638	0.07	ug/L #	75
30) Cyclohexane	5.394	56	539	0.05	ug/L #	72
34) Trichloroethene	6.552	95	130585	19.30	ug/L	99
35) Methylcyclohexane	6.697	83	7073	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3646	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	888	0.09	ug/L #	46
44) trans-1,3-Dichloropropene	8.189	75	624	0.07	ug/L	90
47) Tetrachloroethene	8.562	164	15471	2.81	ug/L	95
48) 2-Hexanone	8.648	43	12072	2.85	ug/L #	69
49) Dibromochloromethane	8.562	129	14745	2.43	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4582	0.93	ug/L #	80

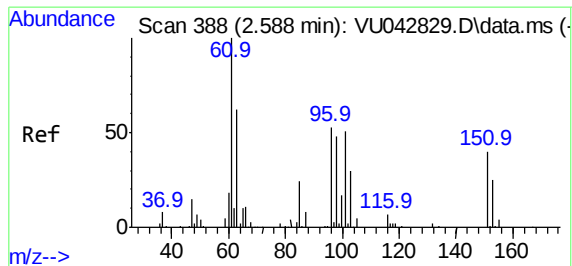
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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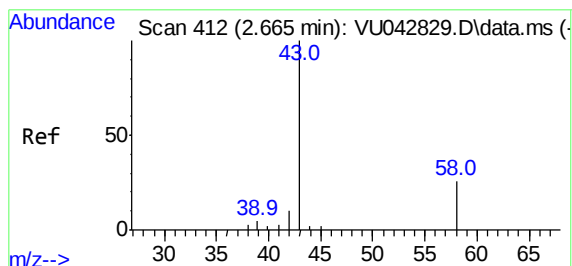
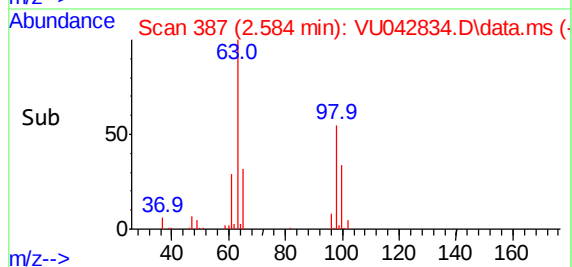
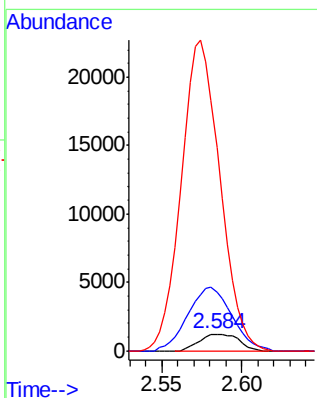
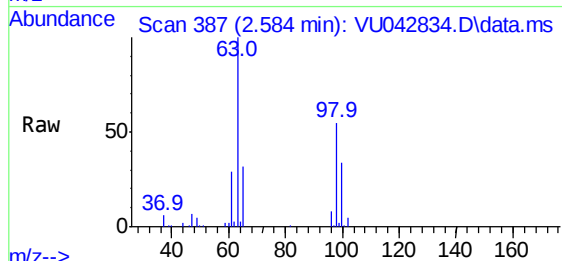




#12
1,1-Dichloroethene
Concen: 0.37 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

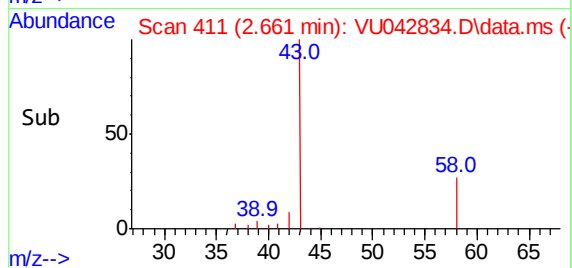
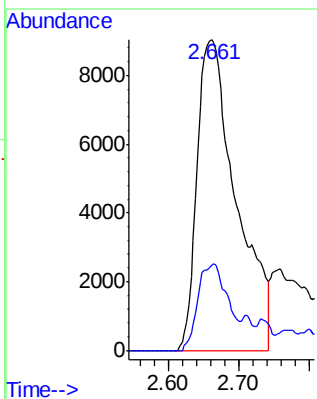
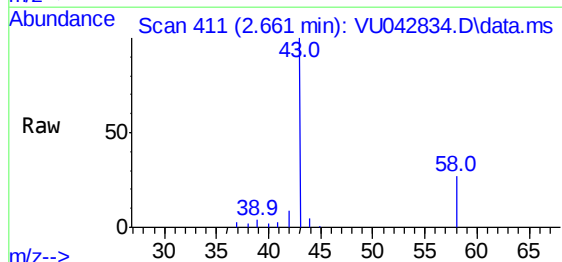
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ClientSampleId :
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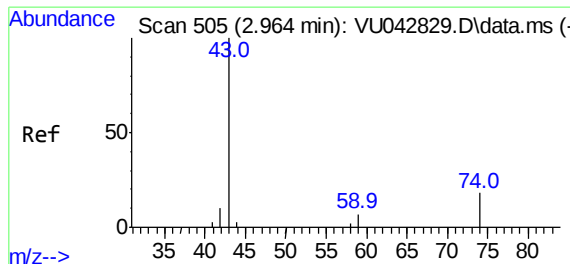
Tgt Ion: 96 Resp: 2021
Ion Ratio Lower Upper
96 100
61 355.7 126.2 234.4#
63 1230.2 77.8 144.4#



#13
Acetone
Concen: 26.41 ug/L
RT: 2.661 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Tgt Ion: 43 Resp: 34973
Ion Ratio Lower Upper
43 100
58 21.0 0.0 55.8

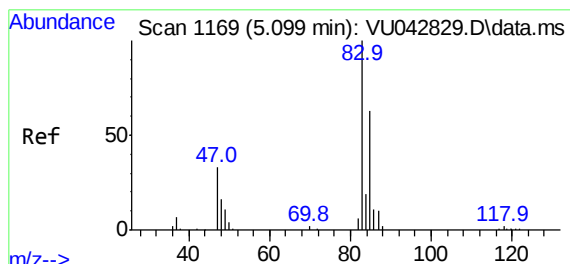
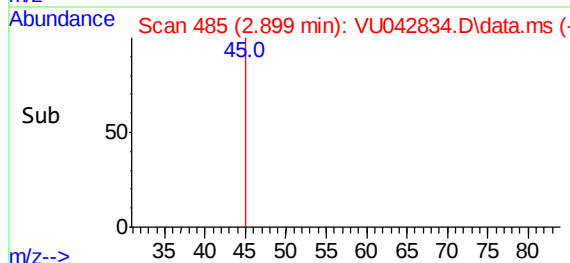
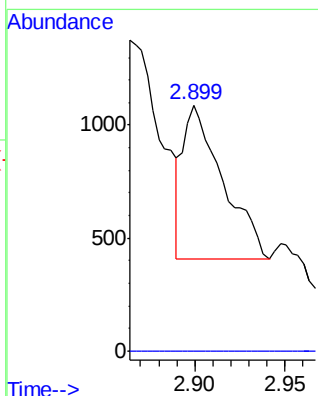
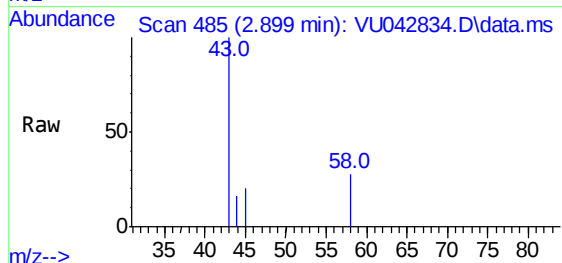




#15
Methyl Acetate
Concen: 0.31 ug/L
RT: 2.899 min Scan# 485
Delta R.T. -0.064 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

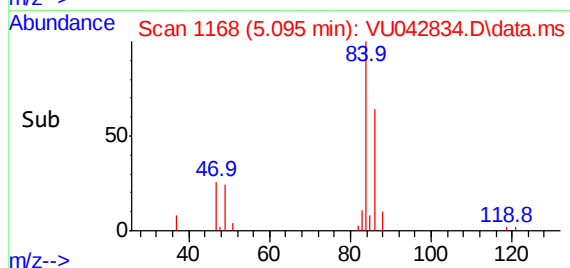
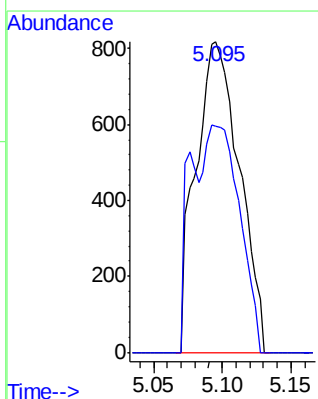
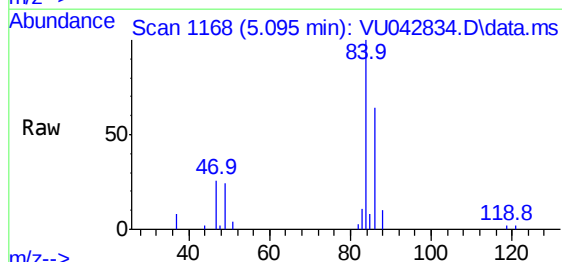
Instrument :
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ClientSampleId :
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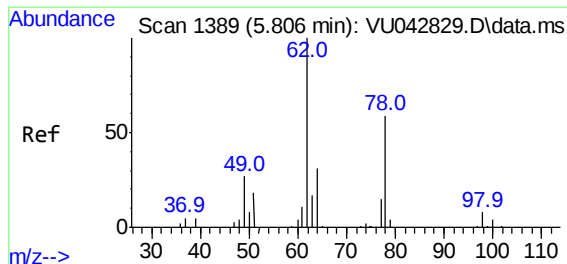
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#25
Chloroform
Concen: 0.15 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Tgt Ion: 83 Resp: 1802
Ion Ratio Lower Upper
83 100
85 72.7 45.7 84.9

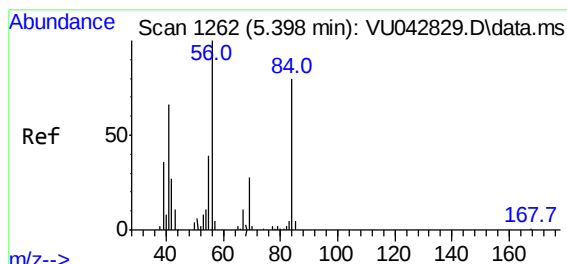
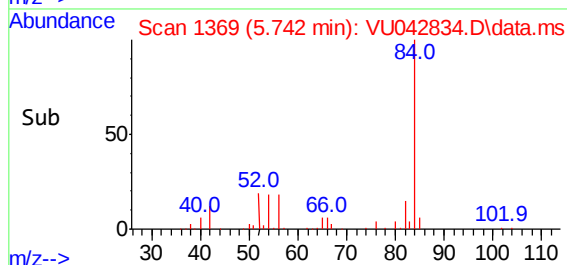
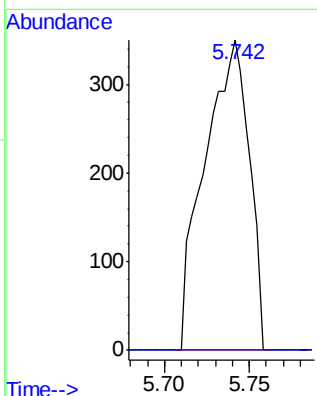
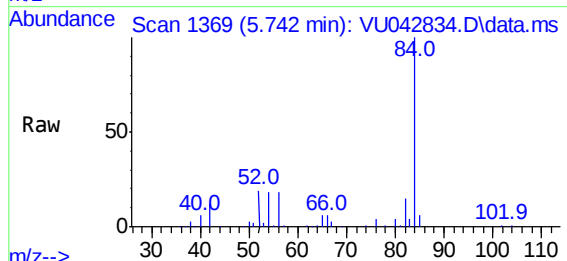




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

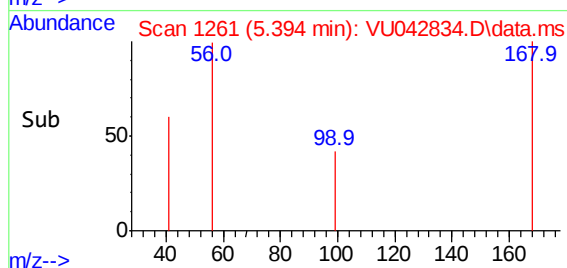
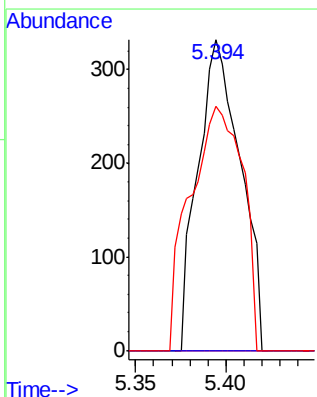
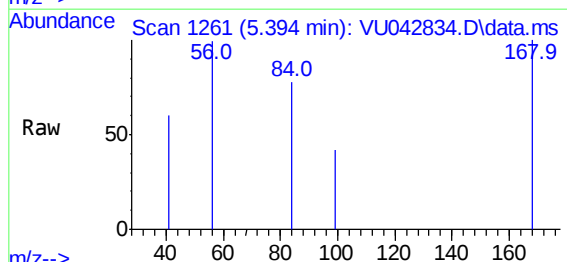
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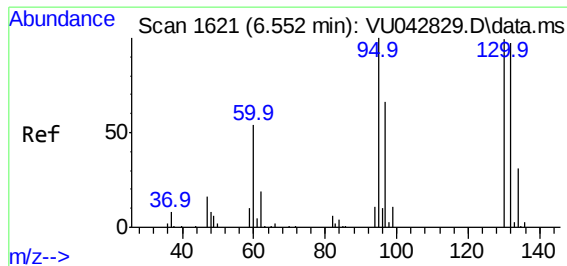
Tgt Ion: 62 Resp: 638
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 0.05 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Tgt Ion: 56 Resp: 539
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 98.0 65.3 97.9#

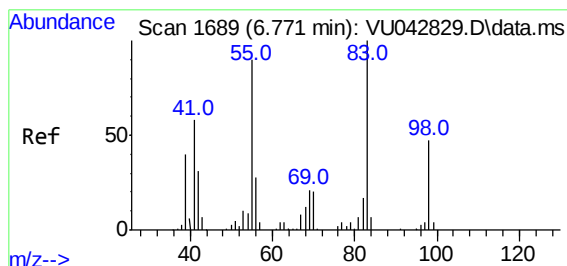
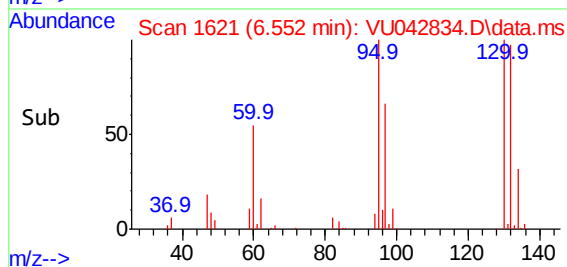
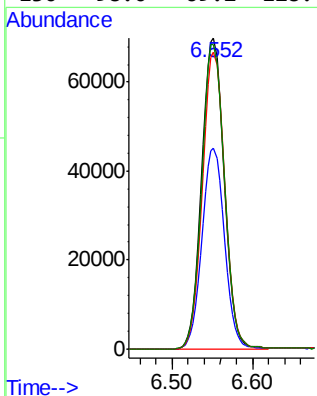
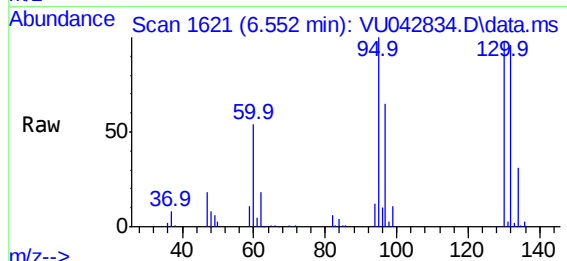




#34
Trichloroethene
Concen: 19.30 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

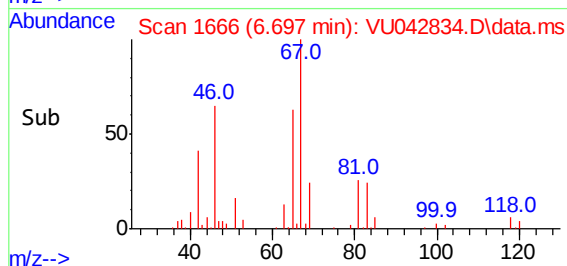
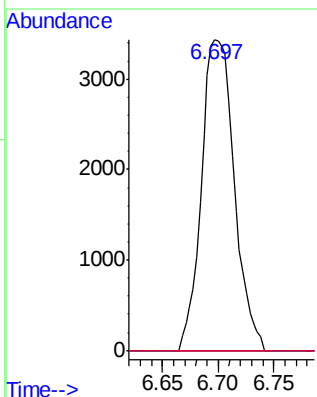
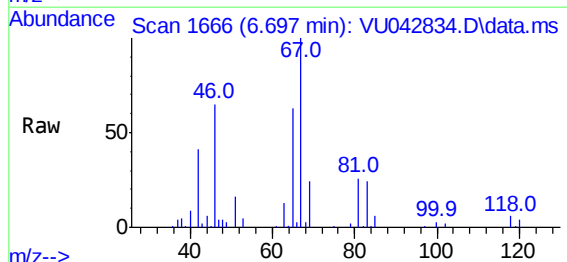
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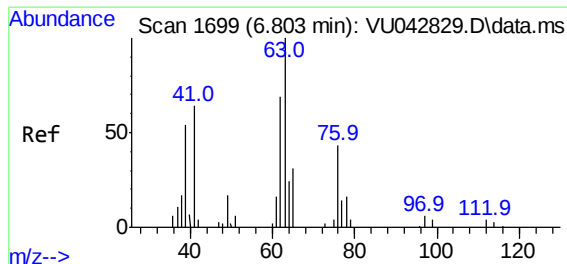
Tgt Ion: 95 Resp: 130585
Ion Ratio Lower Upper
95 100
97 64.6 44.4 82.4
132 95.6 68.0 126.4
130 98.0 69.2 128.4



#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Tgt Ion: 83 Resp: 7073
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 1.9 39.7 59.5#

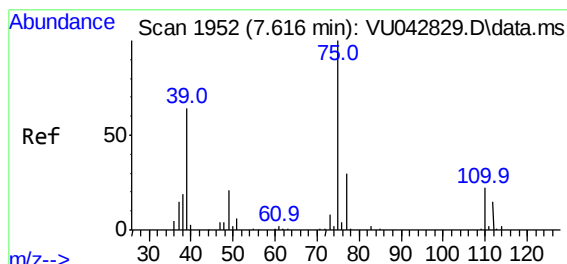
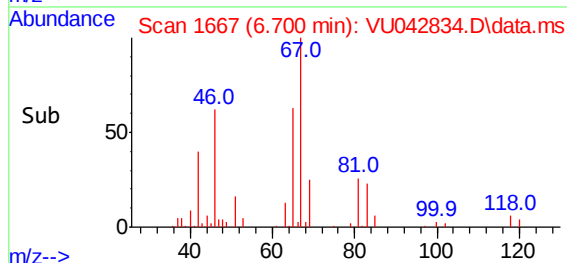
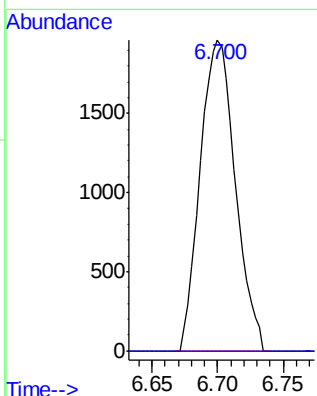
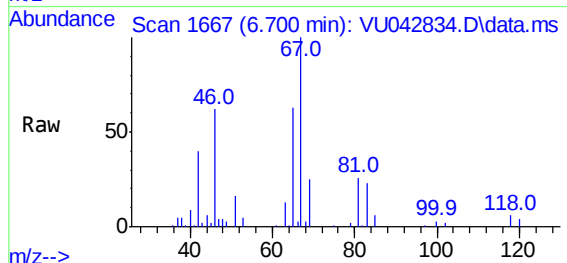




#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

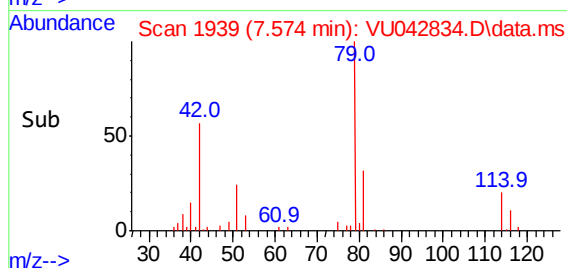
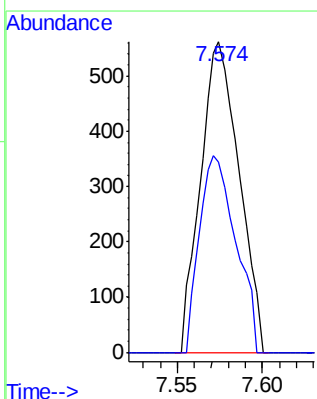
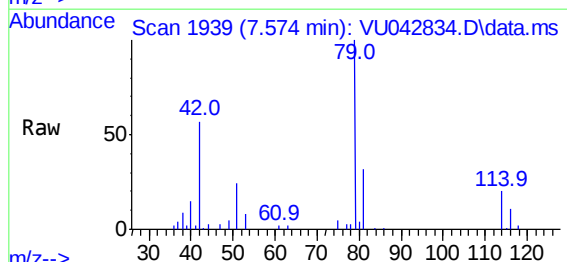
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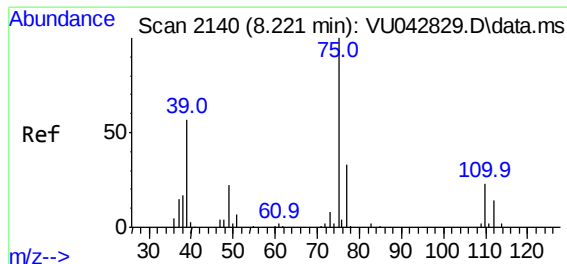
Tgt Ion: 63 Resp: 3646
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Tgt Ion: 75 Resp: 888
Ion Ratio Lower Upper
75 100
77 61.2 22.0 40.8#



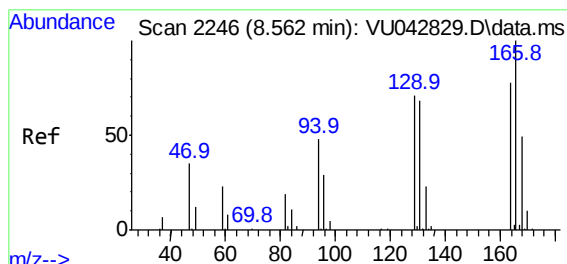
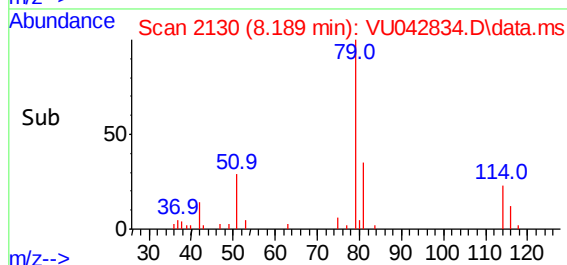
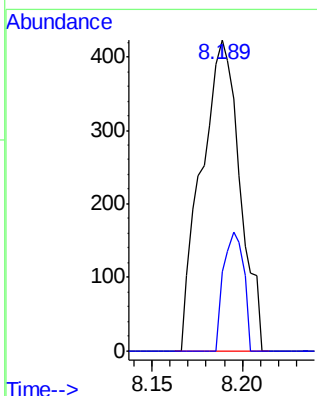
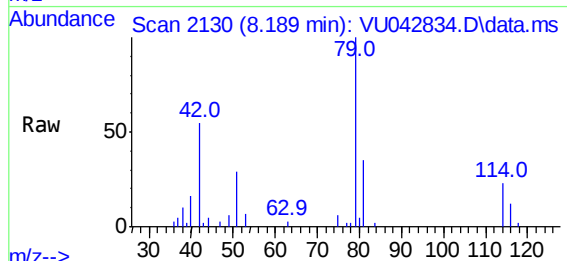


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

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ClientSampled :
YAR21

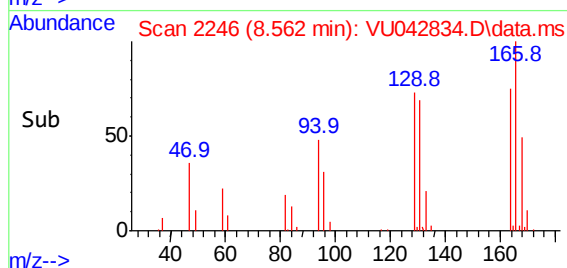
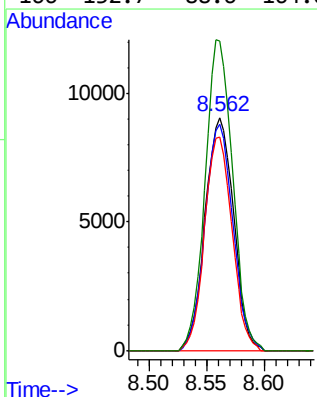
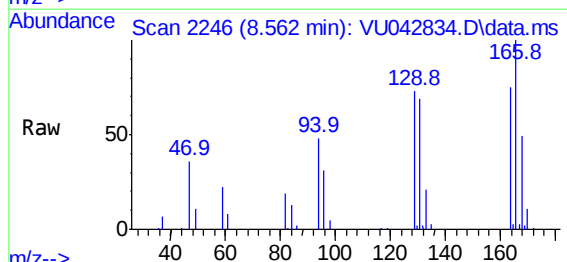
Tgt Ion: 75 Resp: 624
Ion Ratio Lower Upper
75 100
77 25.5 21.8 40.4

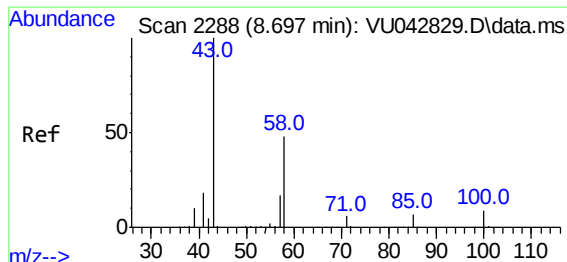


#47

Tetrachloroethene
Concen: 2.81 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Tgt Ion: 164 Resp: 15471
Ion Ratio Lower Upper
164 100
129 96.9 64.3 119.5
131 91.6 62.2 115.6
166 132.7 88.6 164.6



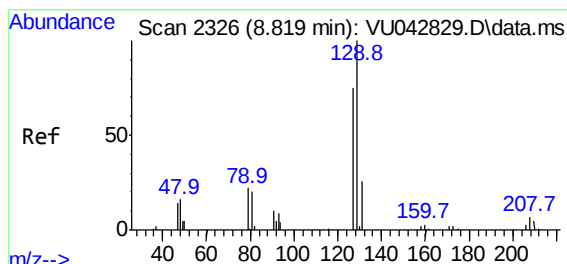
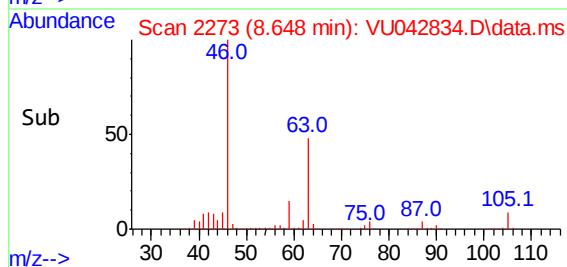
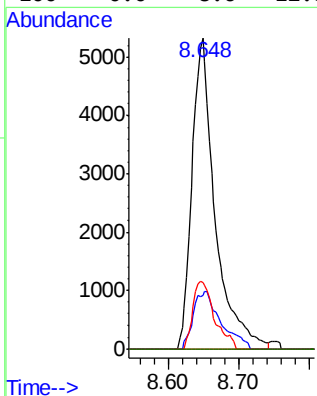
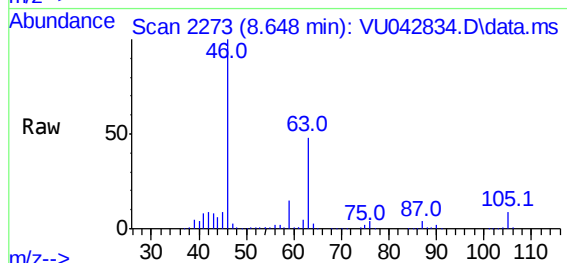


#48
2-Hexanone
Concen: 2.85 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Instrument :
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Tgt Ion: 43 Resp: 12072

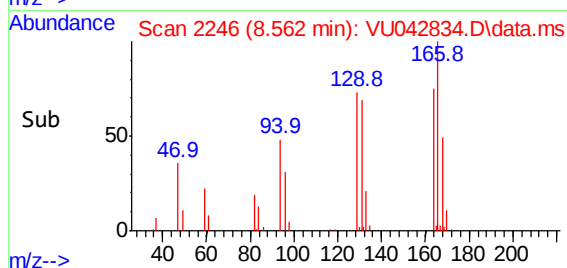
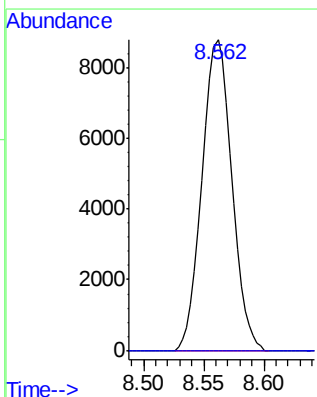
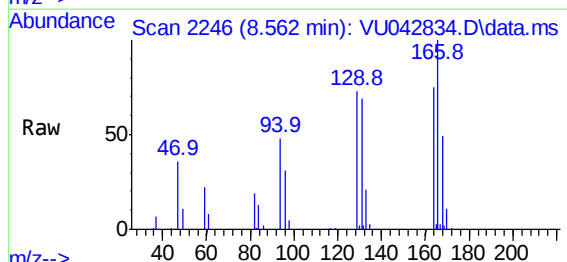
Ion	Ratio	Lower	Upper
43	100		
58	22.0	40.6	61.0#
57	20.2	14.9	22.3
100	0.0	8.6	12.8#

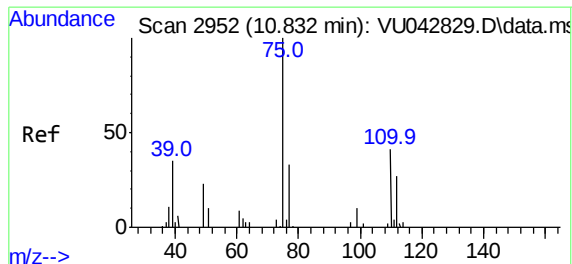


#49
Dibromochloromethane
Concen: 2.43 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042834.D
Acq: 30 Mar 2021 12:50

Tgt Ion: 129 Resp: 14745

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.93 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042834.D
 Acq: 30 Mar 2021 12:50

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR21

Tgt Ion: 75 Resp: 4582
 Ion Ratio Lower Upper
 75 100
 77 43.5 26.0 39.0#

