

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042835.D
 Acq On : 30 Mar 2021 13:14
 Operator : SY/MD
 Sample : M1846-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR11

Quant Time: Mar 31 02:09:53 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)

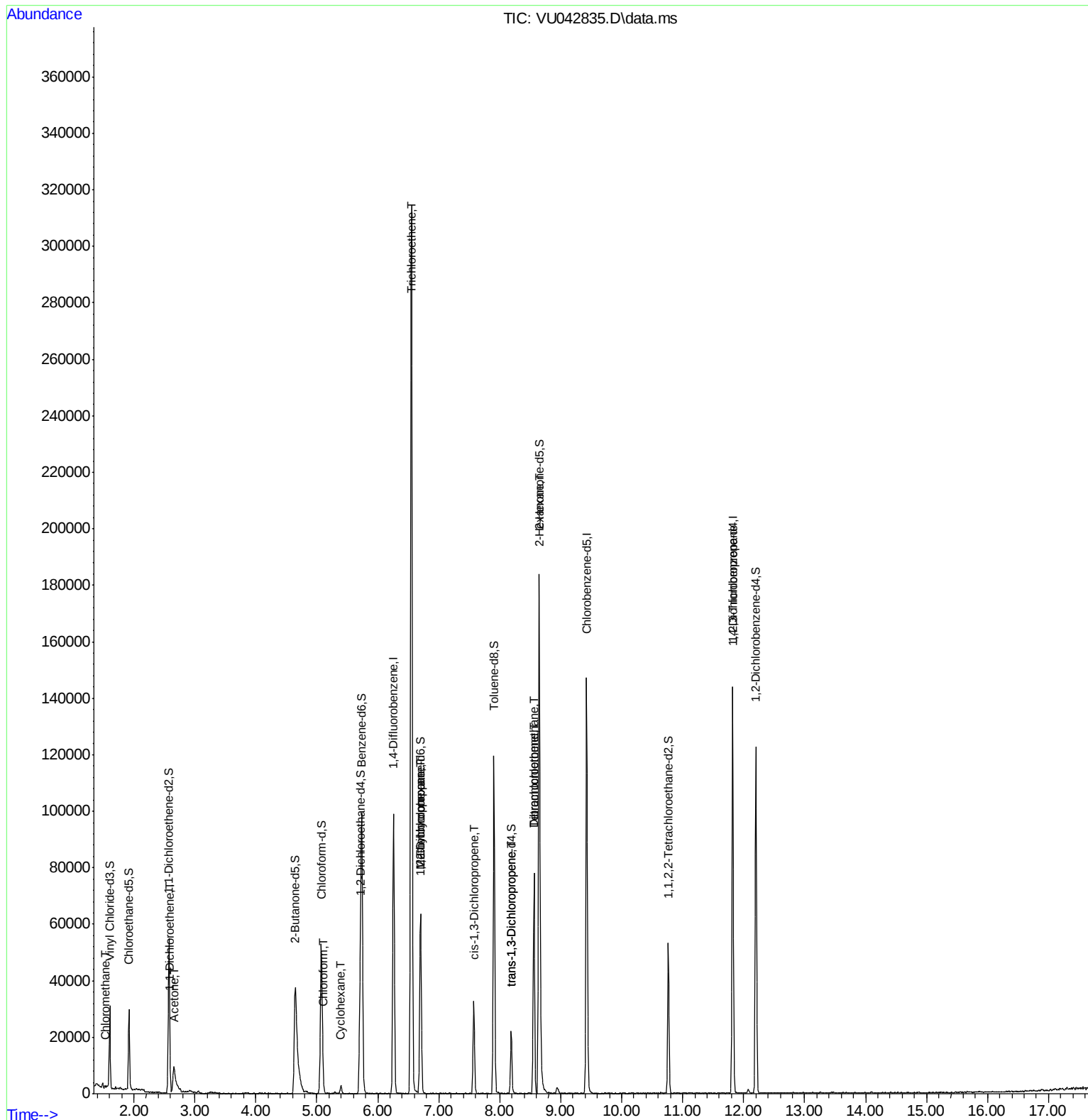
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	74733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	75343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35490	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19184	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.919	69	18665	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.575	63	34249	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.649	46	88045	53.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.64%
24) Chloroform-d	5.073	84	45947	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.713	65	28611	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.735	84	81113	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	28013	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	74181	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloroprop...	8.189	79	11347	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.645	63	60363	45.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24142	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	31686	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%
Target Compounds						
3) Chloromethane	1.523	50	618	0.09	ug/L	83
12) 1,1-Dichloroethene	2.591	96	951	0.18	ug/L #	1
13) Acetone	2.655	43	21698	17.21	ug/L	87
25) Chloroform	5.099	83	2402	0.21	ug/L	97
30) Cyclohexane	5.395	56	1022	0.10	ug/L #	93
34) Trichloroethene	6.552	95	100834	15.43	ug/L	97
35) Methylcyclohexane	6.700	83	6210	0.62	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	3464	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	871	0.09	ug/L #	76
44) trans-1,3-Dichloropropene	8.189	75	484	0.06	ug/L #	43
47) Tetrachloroethene	8.562	164	16424	3.08	ug/L	98
48) 2-Hexanone	8.649	43	10896	2.66	ug/L #	68
49) Dibromochloromethane	8.562	129	14616	2.49	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4425	0.93	ug/L #	73

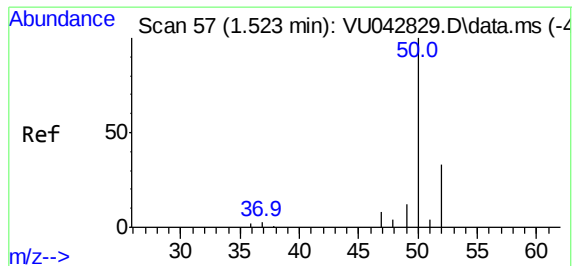
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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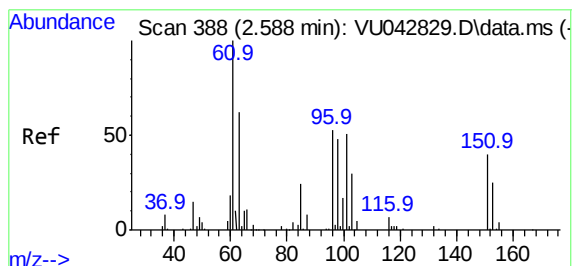
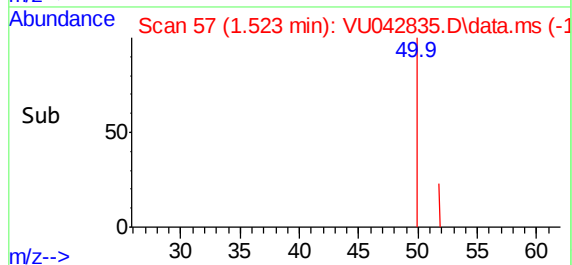
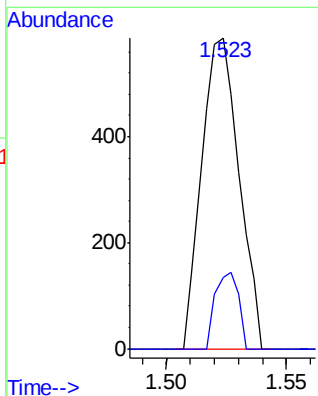
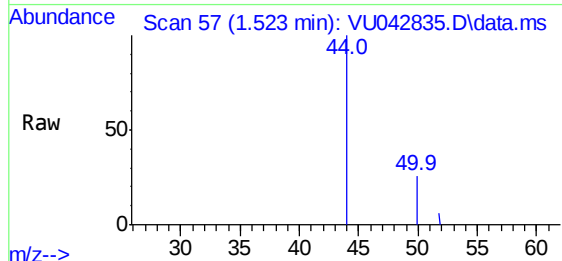




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

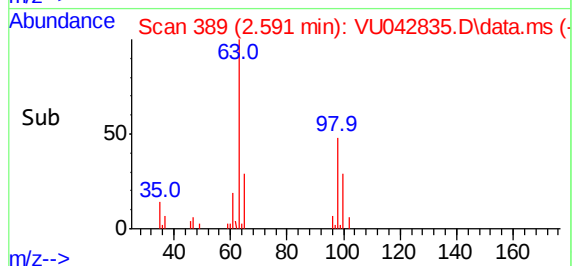
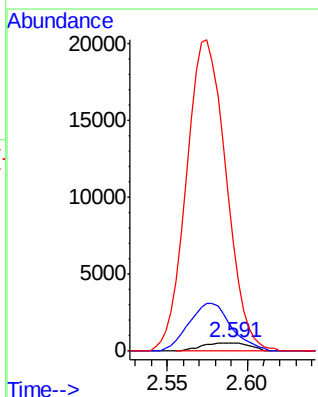
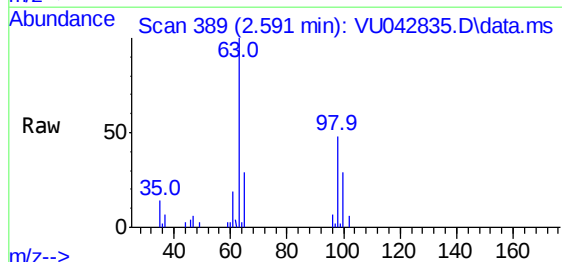
Instrument :
MSVOA_U
ClientSampleId :
YAR11

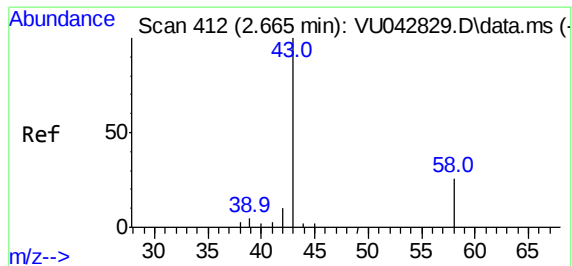
Tgt Ion: 50 Resp: 618
Ion Ratio Lower Upper
50 100
52 23.0 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.18 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 96 Resp: 951
Ion Ratio Lower Upper
96 100
61 263.4 126.2 234.4#
63 1367.0 77.8 144.4#

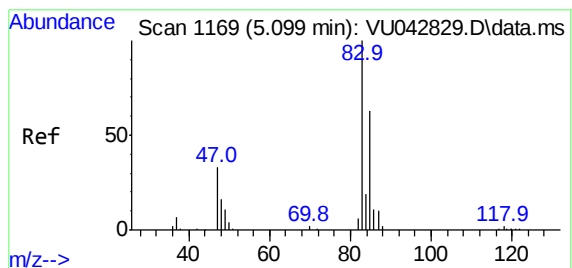
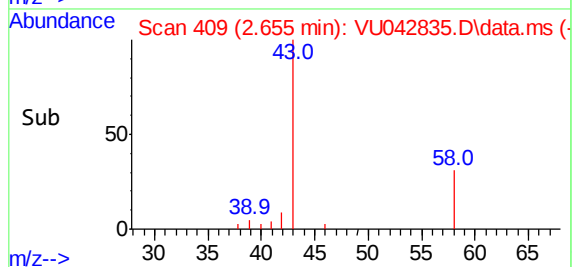
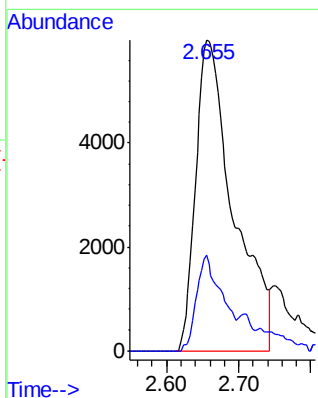
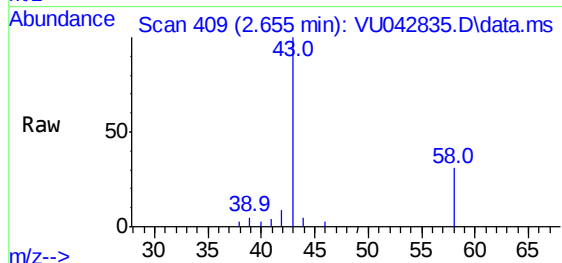




#13
Acetone
Concen: 17.21 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

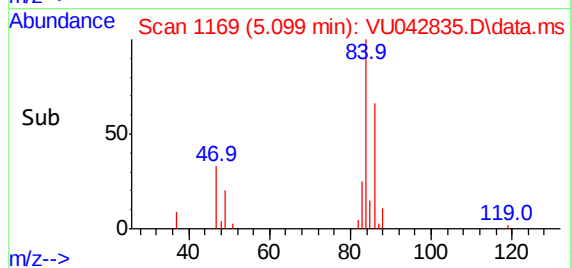
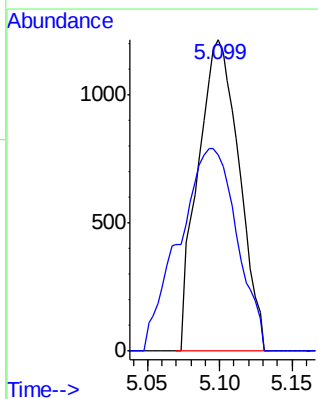
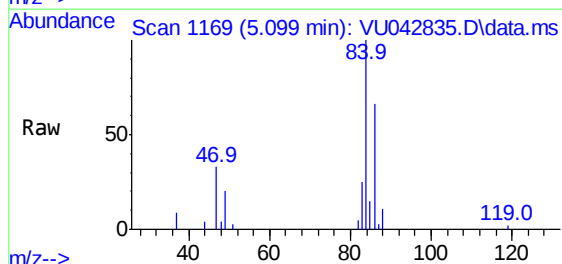
Instrument :
MSVOA_U
ClientSampled :
YAR11

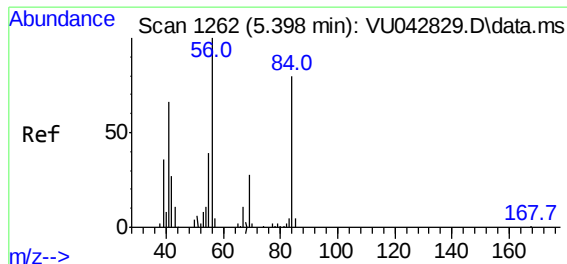
Tgt Ion: 43 Resp: 21698
Ion Ratio Lower Upper
43 100
58 21.1 0.0 55.8



#25
Chloroform
Concen: 0.21 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 83 Resp: 2402
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9

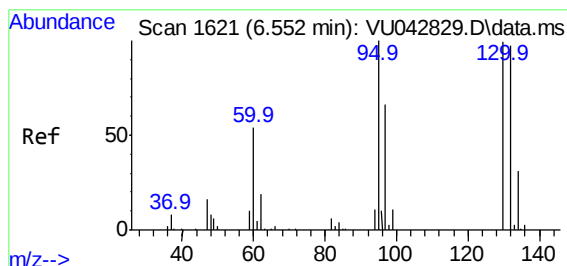
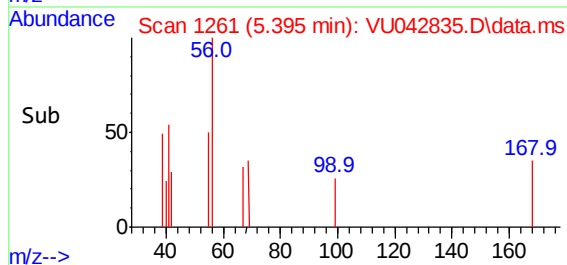
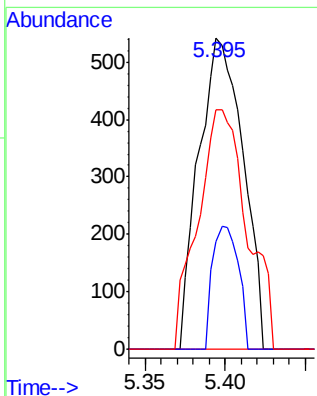
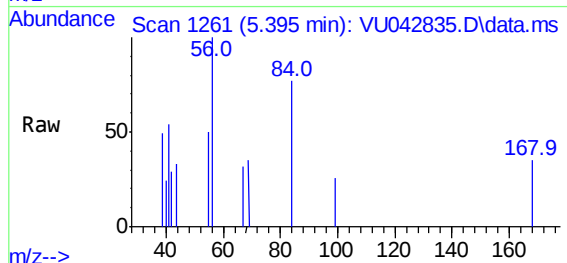




#30
Cyclohexane
Concen: 0.10 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

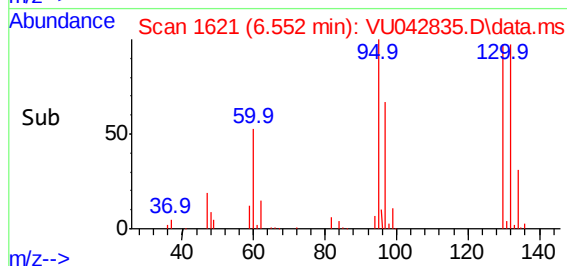
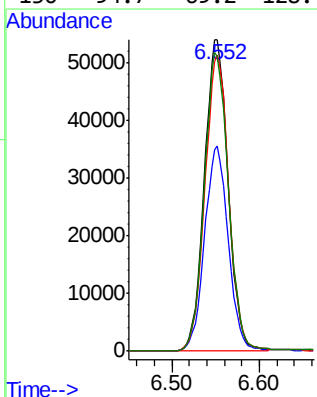
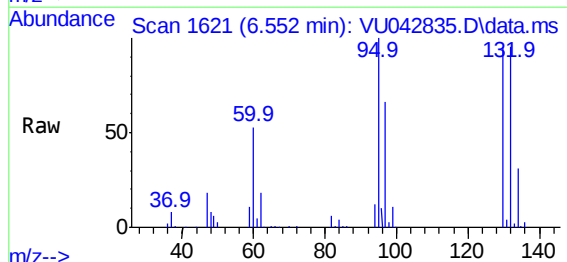
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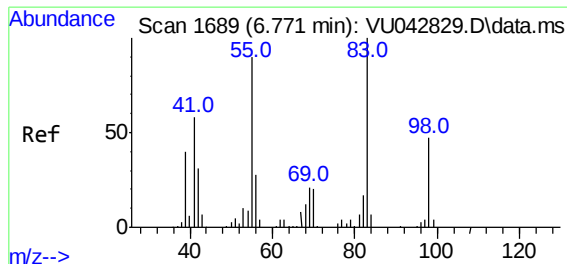
Tgt Ion: 56 Resp: 1022
Ion Ratio Lower Upper
56 100
69 22.7 23.7 35.5#
84 85.4 65.3 97.9



#34
Trichloroethene
Concen: 15.43 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 95 Resp: 100834
Ion Ratio Lower Upper
95 100
97 65.6 44.4 82.4
132 95.0 68.0 126.4
130 94.7 69.2 128.4

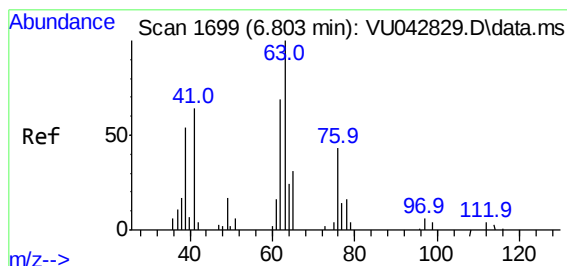
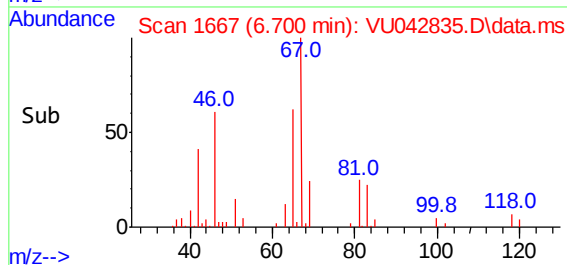
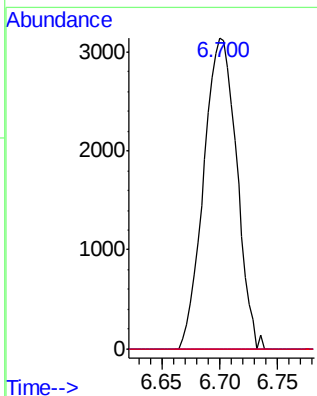
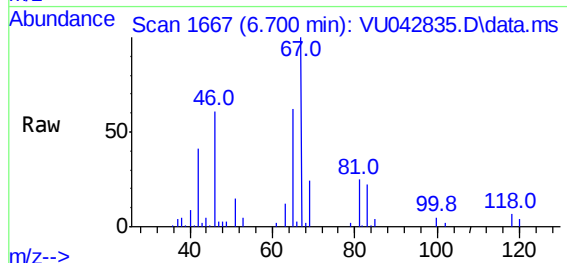




#35
Methylcyclohexane
Concen: 0.62 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

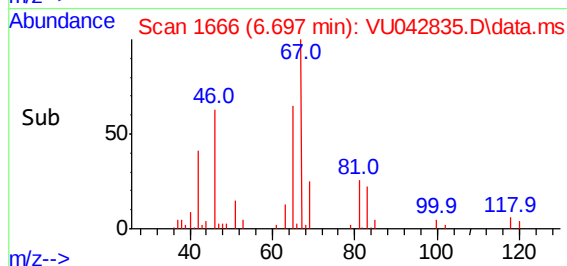
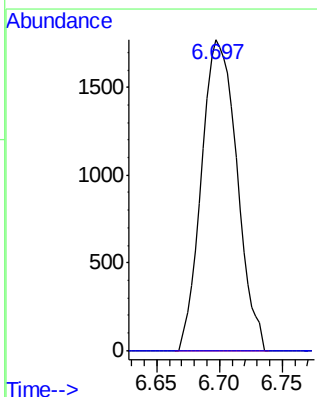
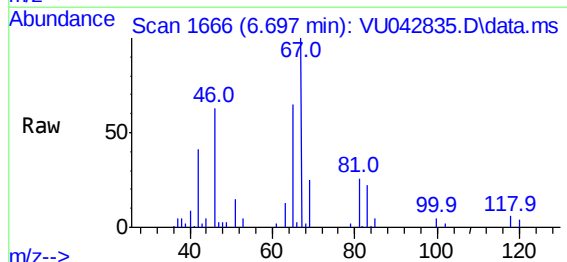
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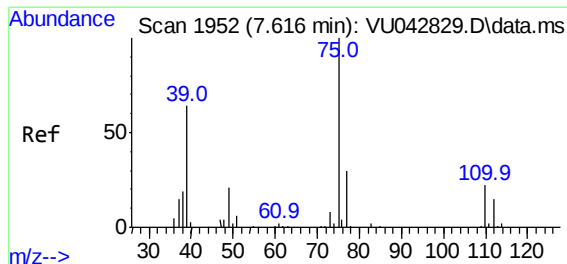
Tgt Ion: 83 Resp: 6210
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 9.4 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.106 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 63 Resp: 3464
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

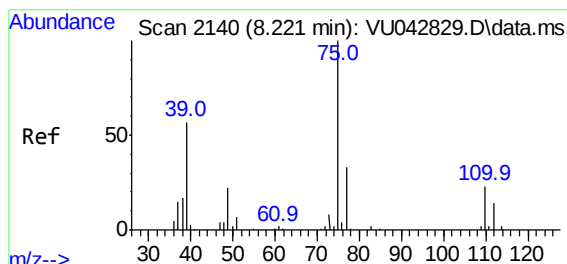
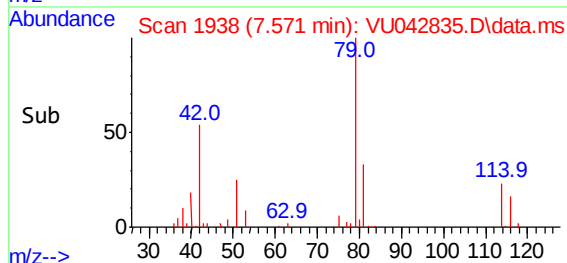
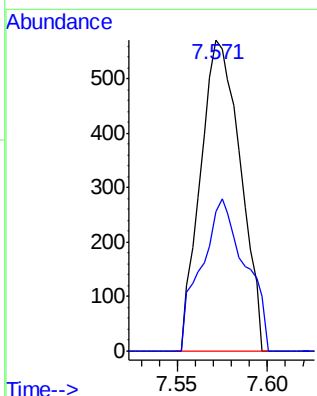
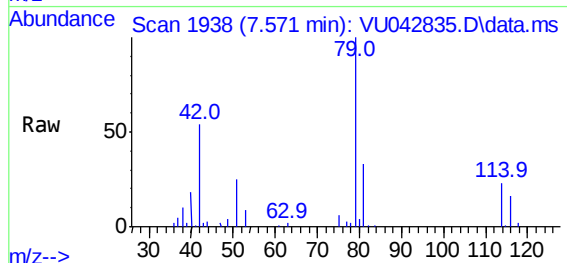




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

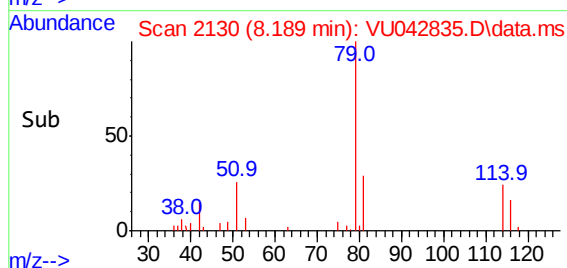
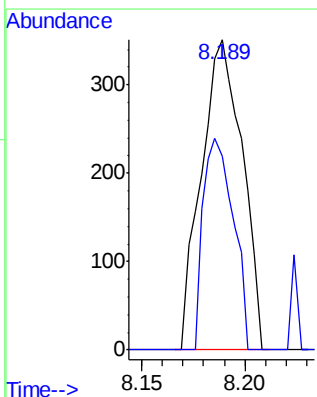
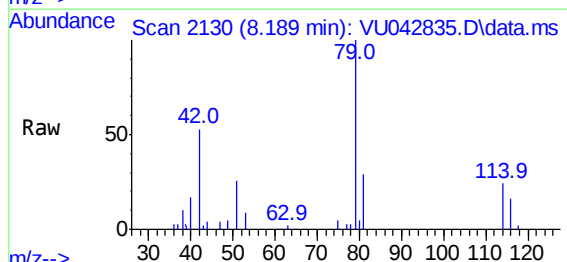
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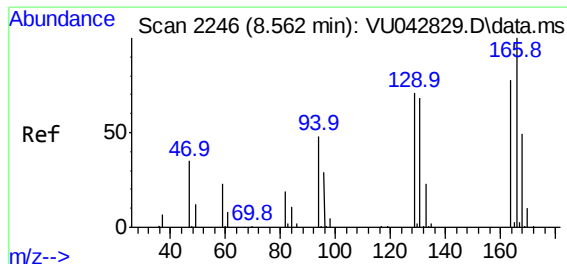
Tgt Ion: 75 Resp: 871
Ion Ratio Lower Upper
75 100
77 44.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 75 Resp: 484
Ion Ratio Lower Upper
75 100
77 62.7 21.8 40.4#

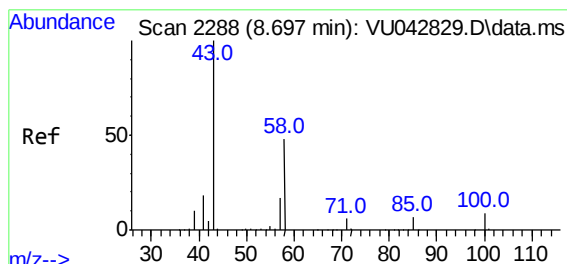
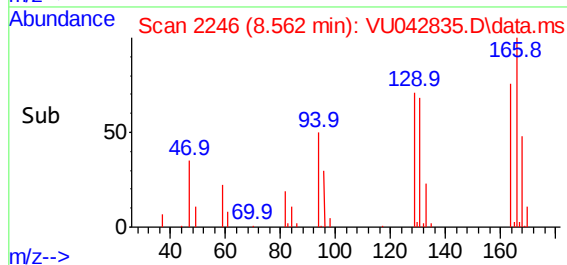
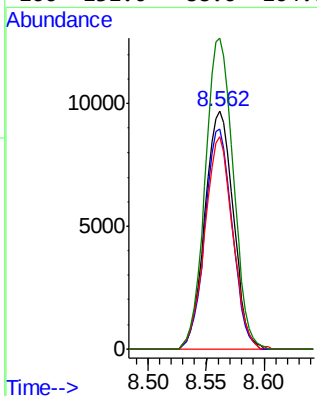
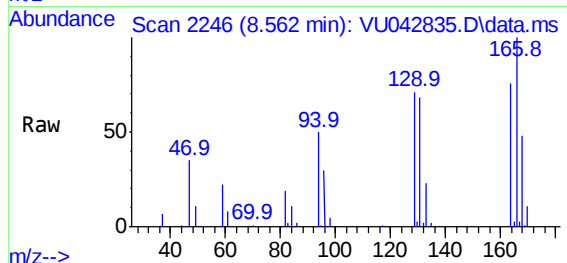




#47
Tetrachloroethene
Concen: 3.08 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

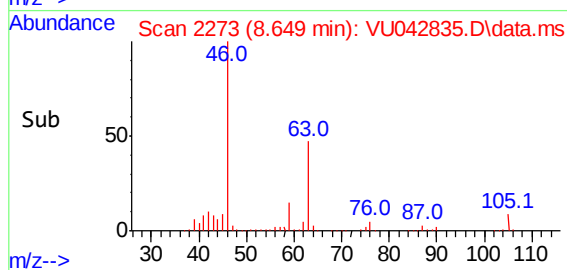
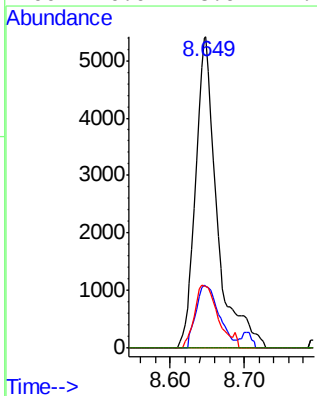
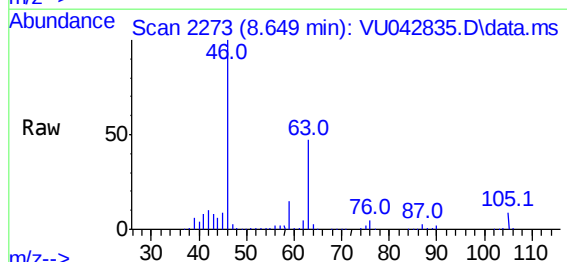
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ClientSampled :
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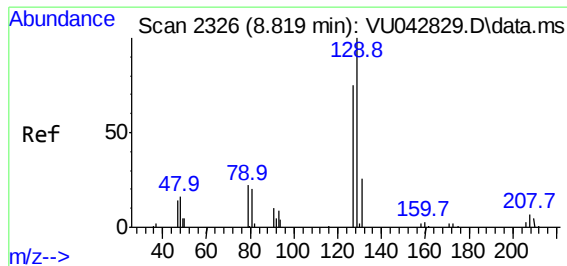
Tgt Ion:164 Resp: 16424
Ion Ratio Lower Upper
164 100
129 92.6 64.3 119.5
131 89.6 62.2 115.6
166 131.0 88.6 164.6



#48
2-Hexanone
Concen: 2.66 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 43 Resp: 10896
Ion Ratio Lower Upper
43 100
58 21.4 40.6 61.0#
57 21.8 14.9 22.3
100 0.0 8.6 12.8#

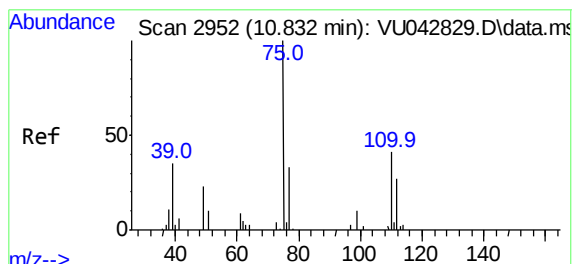
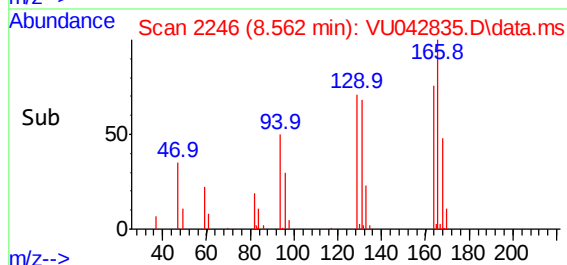
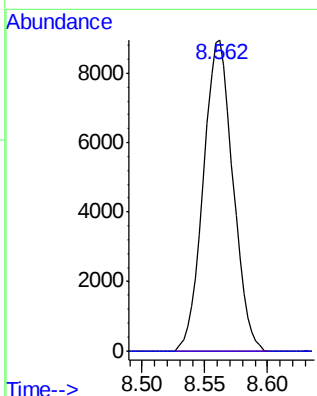
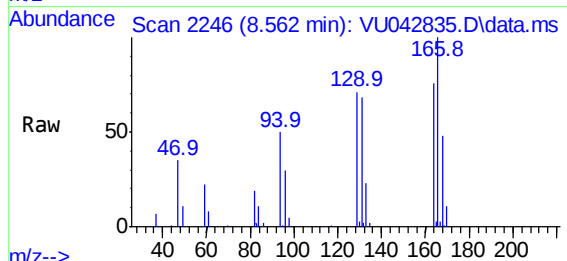




#49
Dibromochloromethane
Concen: 2.49 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042835.D
Acq: 30 Mar 2021 13:14

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Tgt Ion:129 Resp: 14616
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: VU042835.D
Acq: 30 Mar 2021 13:14

Tgt Ion: 75 Resp: 4425
Ion Ratio Lower Upper
75 100
77 47.5 26.0 39.0#

