

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042639.D
 Acq On : 13 Mar 2021 03:36
 Operator : SY/MD
 Sample : M1676-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD9

Quant Time: Mar 13 06:45:23 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)

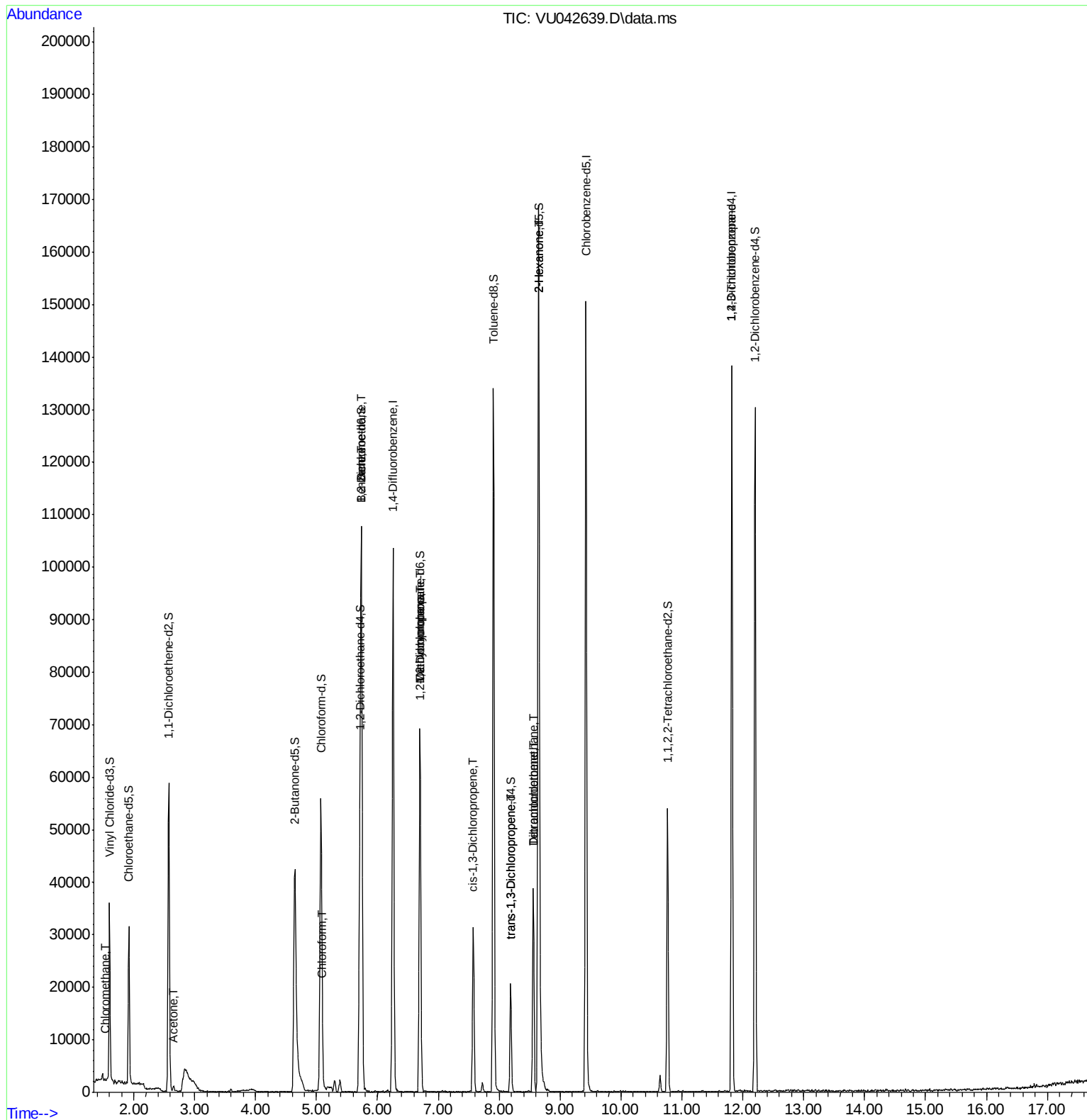
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	79850	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	77114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35001	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20913	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.919	69	19298	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.575	63	35331	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.642	46	80626	46.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.26%
24) Chloroform-d	5.073	84	47872	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.713	65	32998	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.735	84	87699	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	29876	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.906	98	84375	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	8.189	79	10550	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.645	63	57837	42.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.78%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24530	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	31924	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						
3) Chloromethane	1.523	50	368	0.05	ug/L #	42
13) Acetone	2.645	43	1436	1.07	ug/L	63
25) Chloroform	5.099	83	688	0.06	ug/L	92
27) 1,2-Dichloroethane	5.739	62	527	0.06	ug/L #	75
33) Benzene	5.739	78	739	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6745	0.66	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3481	0.53	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	829	0.09	ug/L #	64
44) trans-1,3-Dichloropropene	8.189	75	532	0.06	ug/L #	48
47) Tetrachloroethene	8.562	164	8429	1.55	ug/L	96
48) 2-Hexanone	8.648	43	8905	2.13	ug/L #	75
49) Dibromochloromethane	8.562	129	7599	1.26	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4295	0.88	ug/L	90

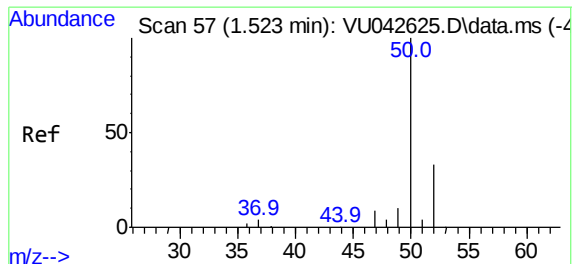
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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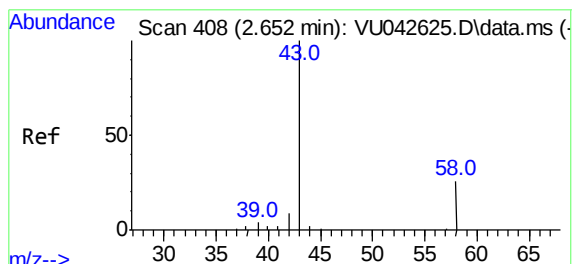
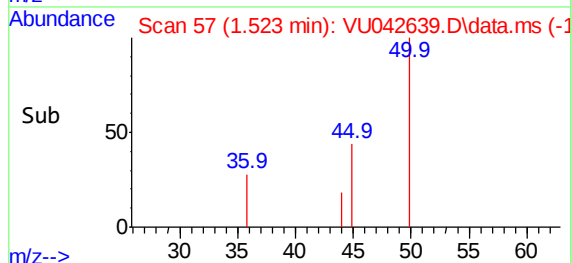
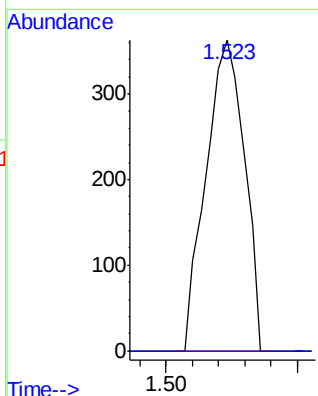
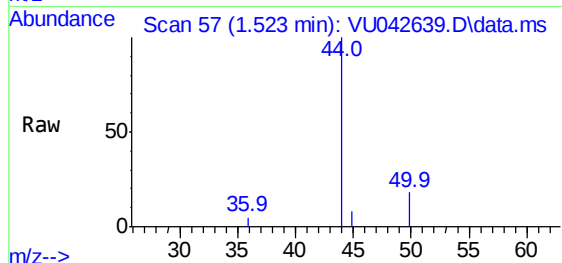




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

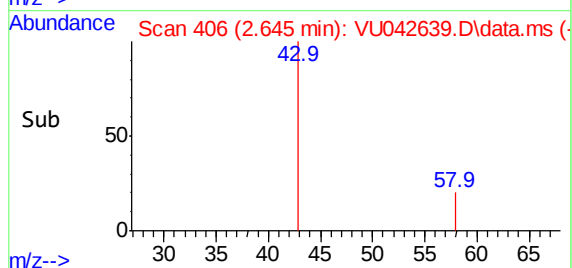
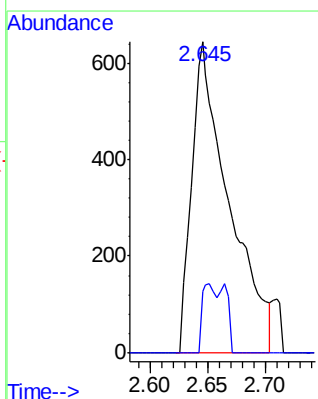
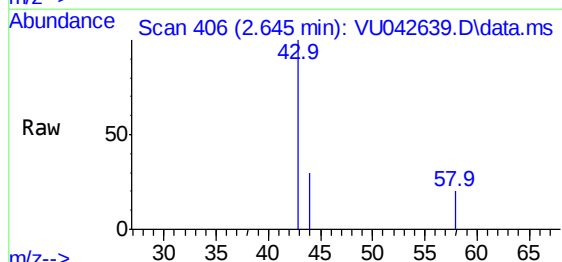
Instrument :
MSVOA_U
ClientSampleId :
C0AD9

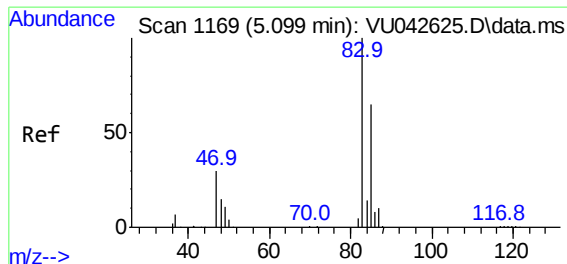
Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#13
Acetone
Concen: 1.07 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.007 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 8.7 0.0 55.8

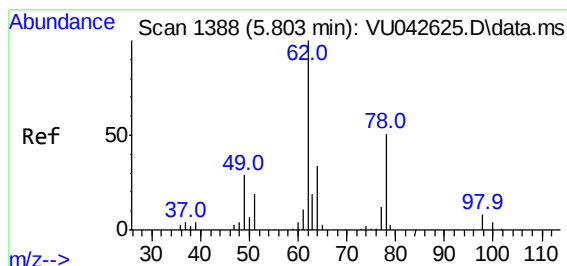
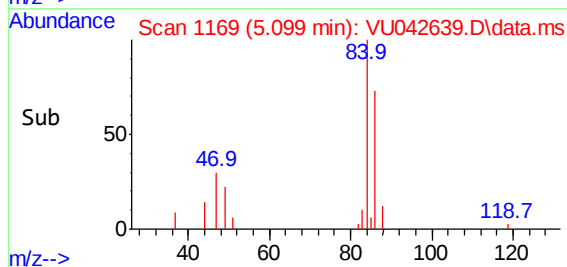
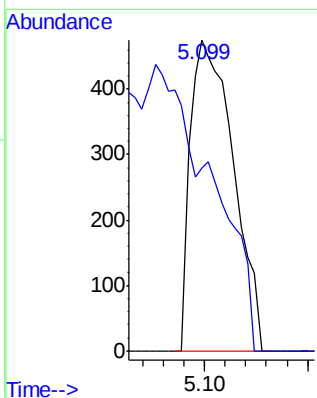
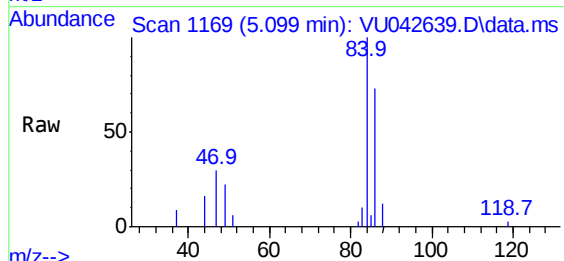




#25
Chloroform
Concen: 0.06 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

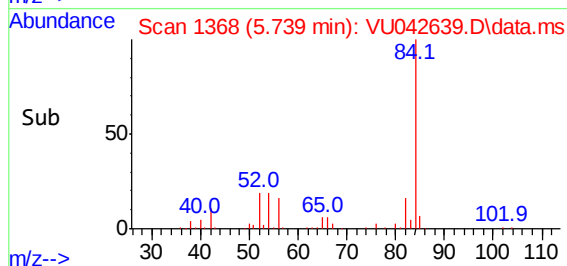
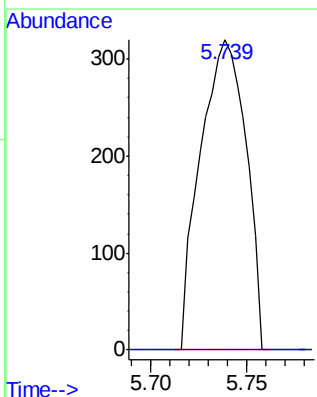
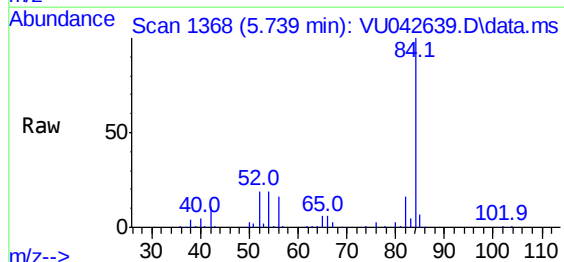
Instrument :
MSVOA_U
ClientSampleId :
C0AD9

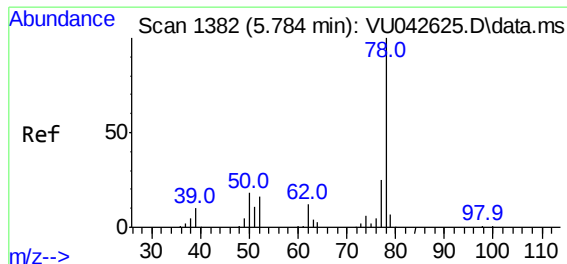
Tgt Ion: 83 Resp: 688
Ion Ratio Lower Upper
83 100
85 58.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

Tgt Ion: 62 Resp: 527
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

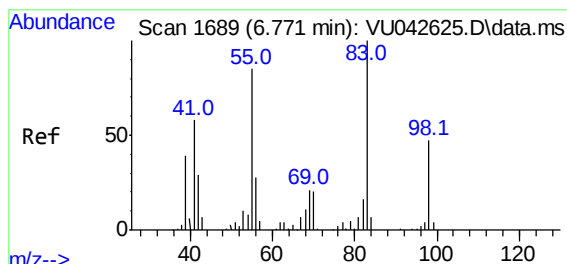
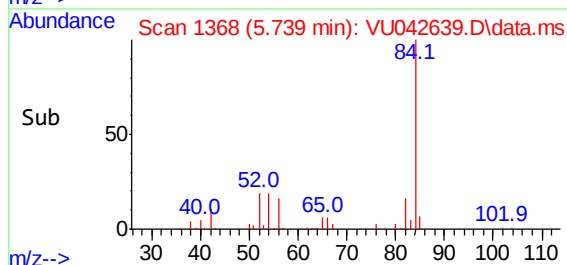
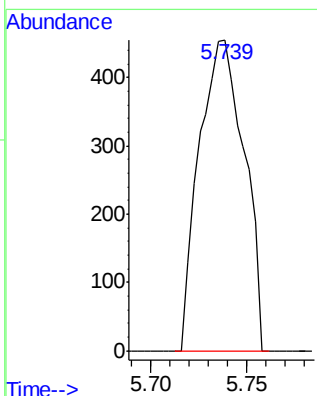
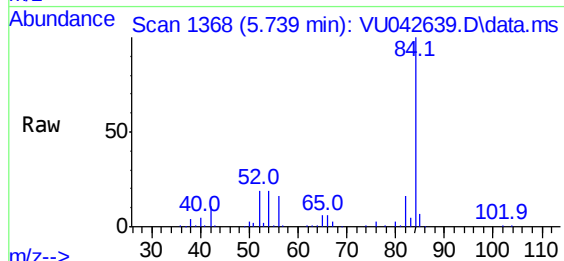




#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

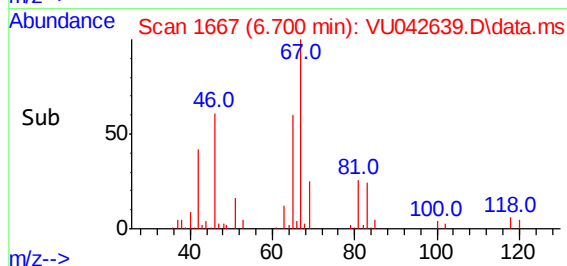
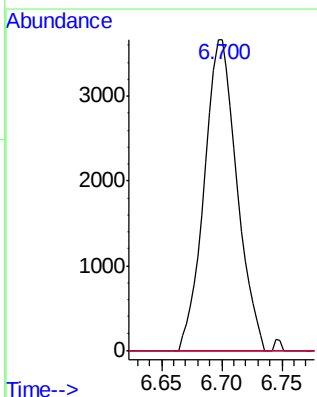
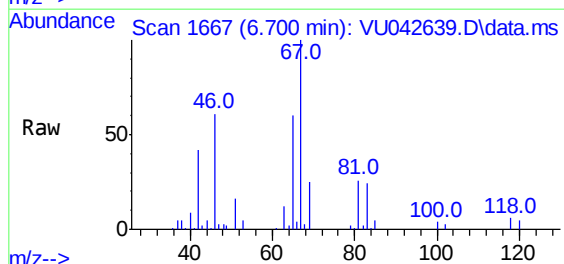
Tgt Ion: 78 Resp: 739

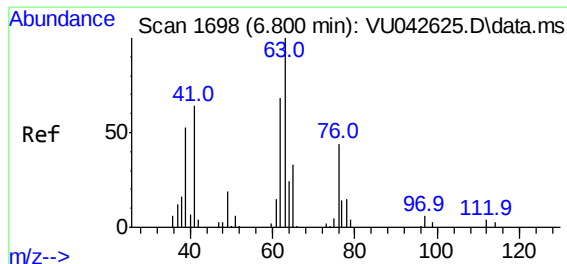


#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

Tgt Ion: 83 Resp: 6745

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

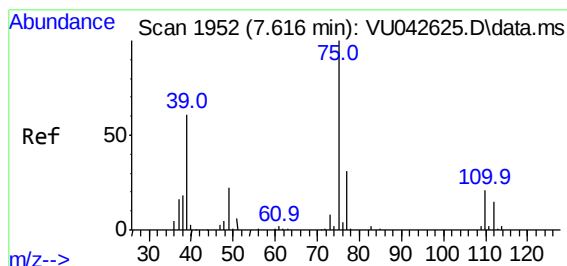
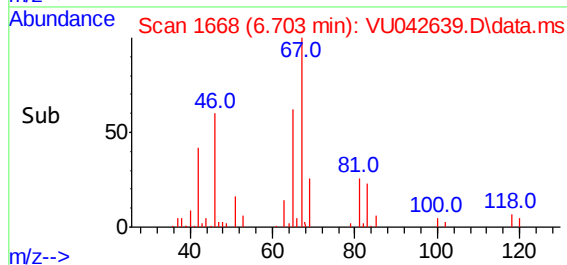
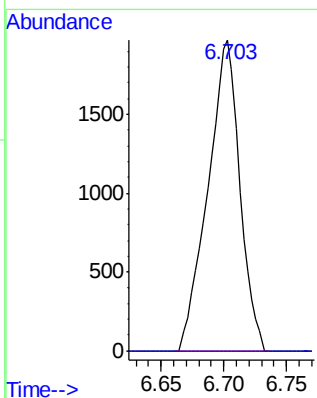
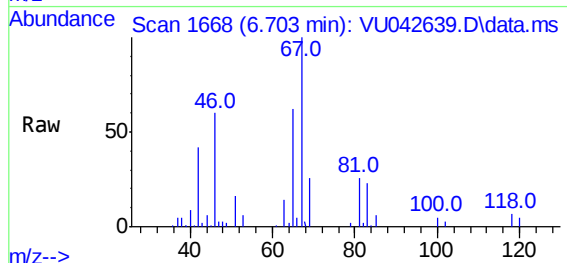




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

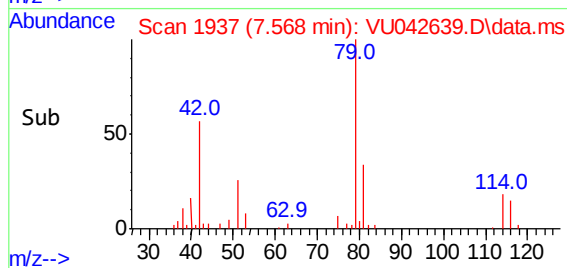
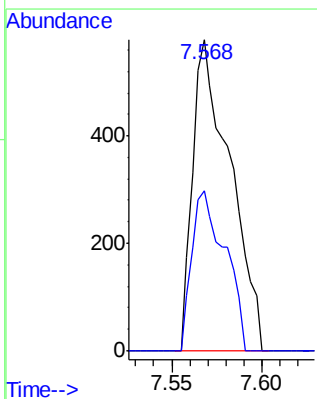
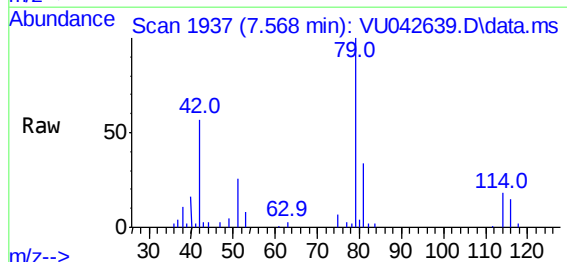
Instrument :
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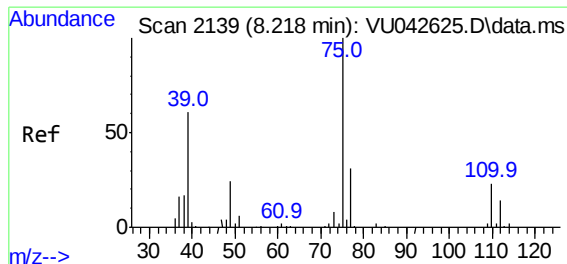
Tgt Ion: 63 Resp: 3481
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

Tgt Ion: 75 Resp: 829
Ion Ratio Lower Upper
75 100
77 51.5 22.0 40.8#



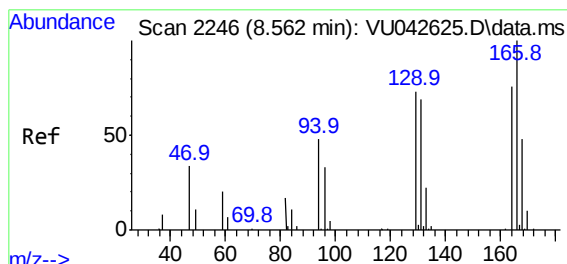
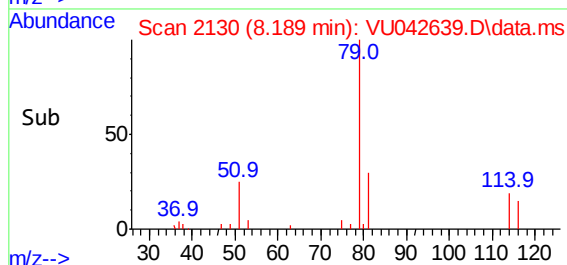
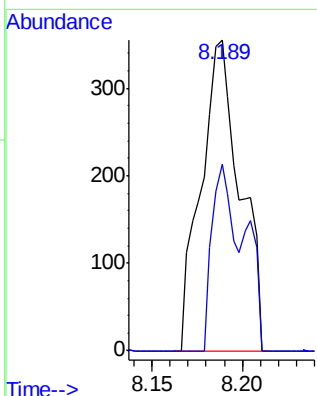
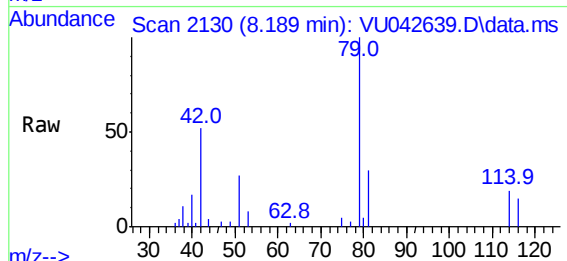


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

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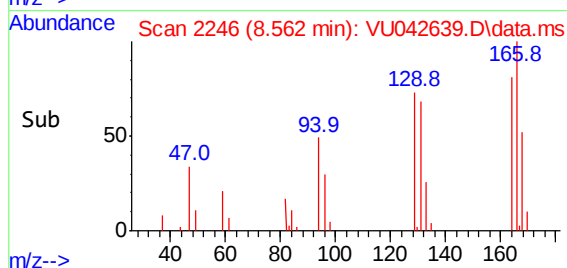
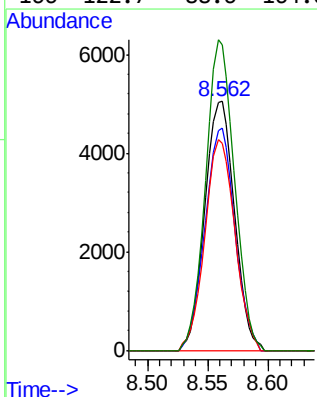
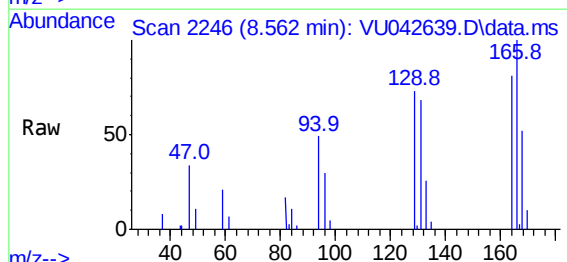
Tgt Ion: 75 Resp: 532
Ion Ratio Lower Upper
75 100
77 60.0 21.8 40.4#

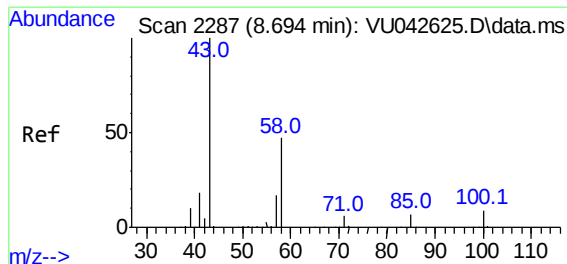


#47

Tetrachloroethene
Concen: 1.55 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

Tgt Ion: 164 Resp: 8429
Ion Ratio Lower Upper
164 100
129 89.5 64.3 119.5
131 83.5 62.2 115.6
166 122.7 88.6 164.6

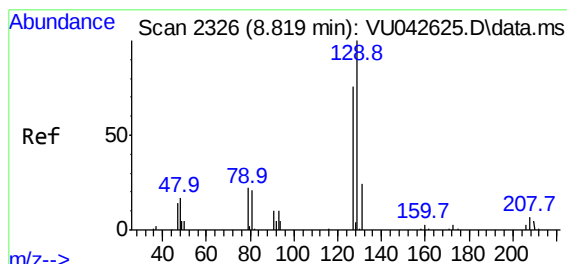
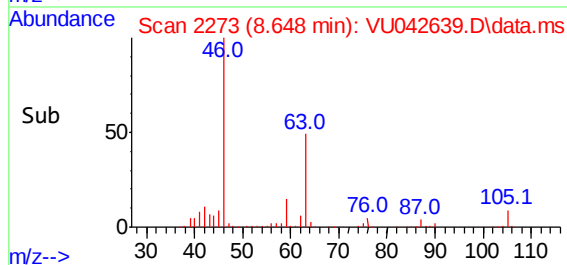
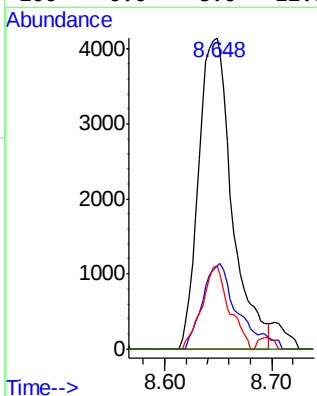
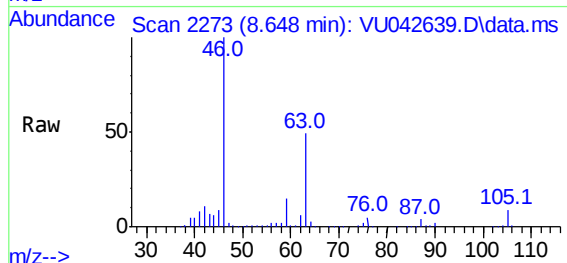




#48
2-Hexanone
Concen: 2.13 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

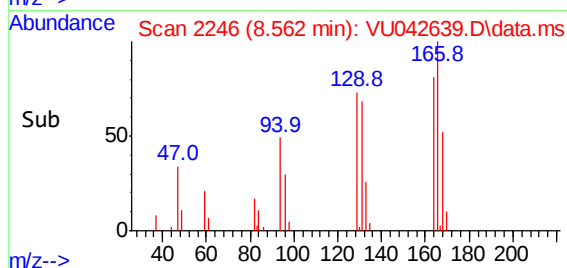
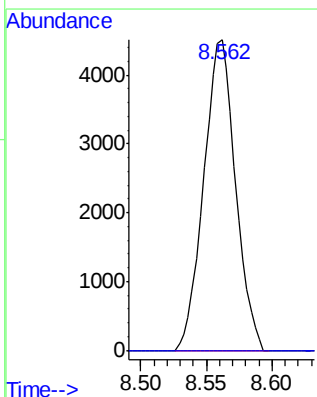
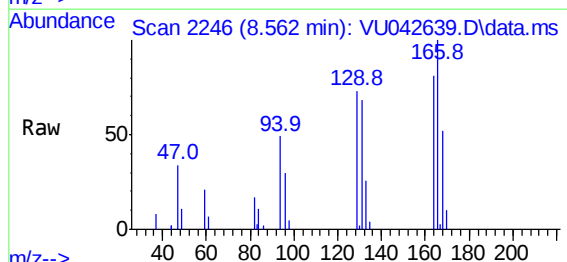
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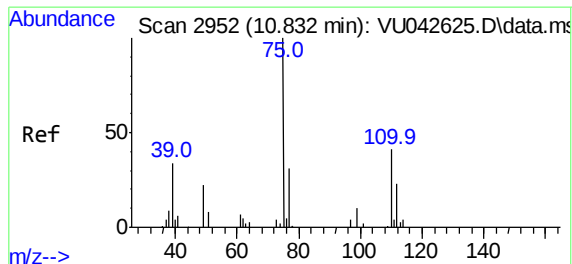
Tgt Ion: 43 Resp: 8905
Ion Ratio Lower Upper
43 100
58 29.1 40.6 61.0#
57 21.9 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 1.26 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042639.D
Acq: 13 Mar 2021 03:36

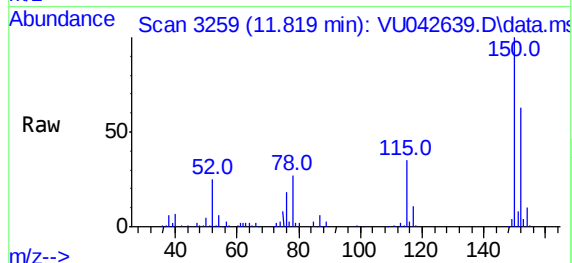
Tgt Ion: 129 Resp: 7599
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.88 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042639.D
 Acq: 13 Mar 2021 03:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD9



Tgt Ion: 75 Resp: 4295
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.0 39.0

