

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042622.D
 Acq On : 12 Mar 2021 19:51
 Operator : SY/MD
 Sample : M1679-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF0

Quant Time: Mar 13 05:32:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

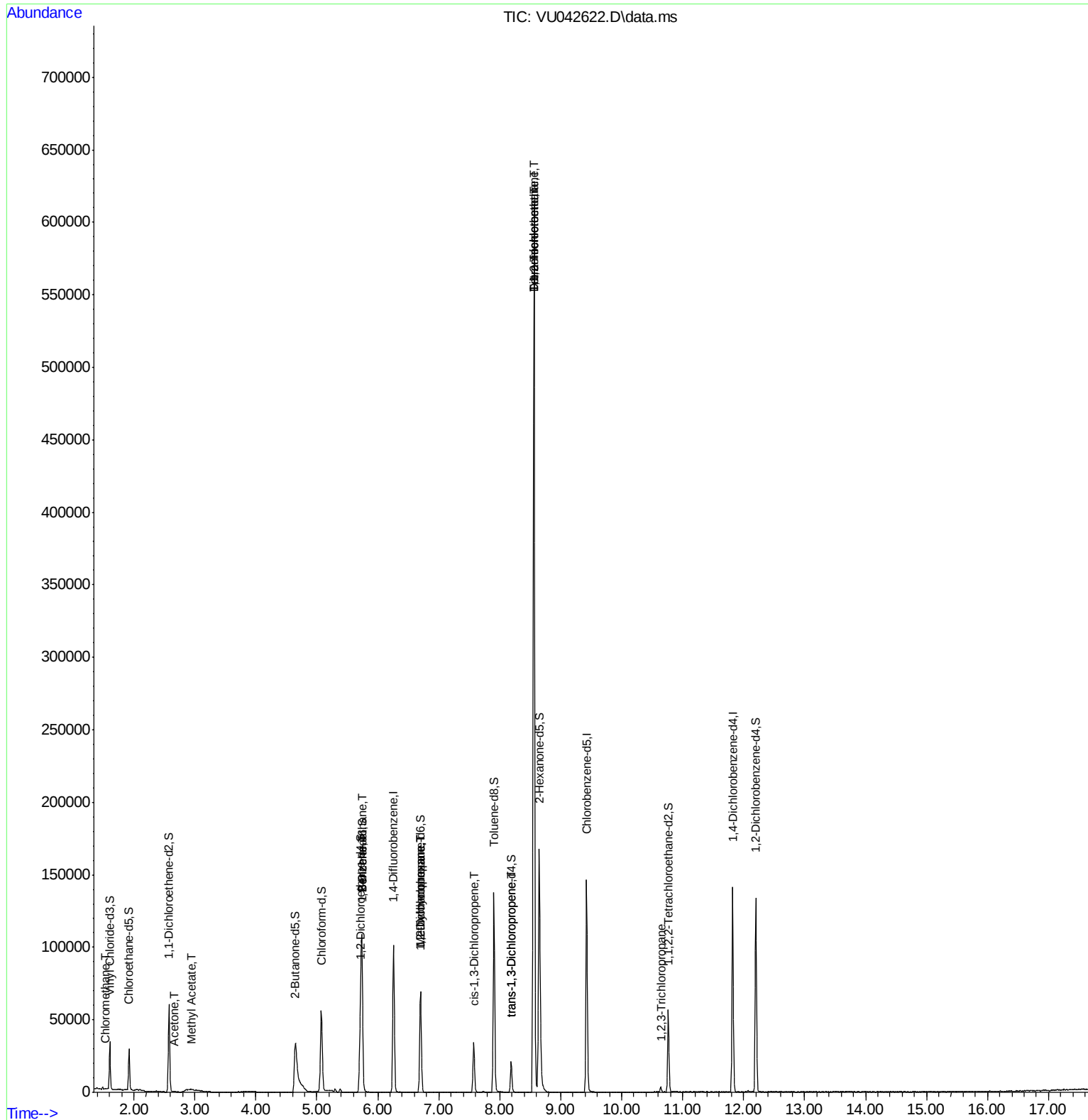
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	77238	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34630	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22366	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.922	69	19199	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.575	63	37735	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.649	46	90976	53.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.62%
24) Chloroform-d	5.076	84	50502	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	32709	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.739	84	90390	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	30356	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	85297	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	8.185	79	11614	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.645	63	62792	46.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25735	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	33282	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						
3) Chloromethane	1.527	50	452	0.07	ug/L	98
13) Acetone	2.658	43	923	0.71	ug/L #	47
15) Methyl Acetate	2.948	43	434	0.13	ug/L #	55
27) 1,2-Dichloroethane	5.742	62	569	0.07	ug/L #	75
33) Benzene	5.739	78	588	0.02	ug/L	100
35) Methylcyclohexane	6.700	83	7024	0.70	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	3338	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.581	75	935	0.10	ug/L #	82
44) trans-1,3-Dichloropropene	8.185	75	546	0.06	ug/L #	63
45) 1,1,2-Trichloroethane	8.558	97	1303	0.28	ug/L #	29
47) Tetrachloroethene	8.562	164	130859	24.46	ug/L	99
49) Dibromochloromethane	8.562	129	117490	19.92	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	594	0.12	ug/L #	42

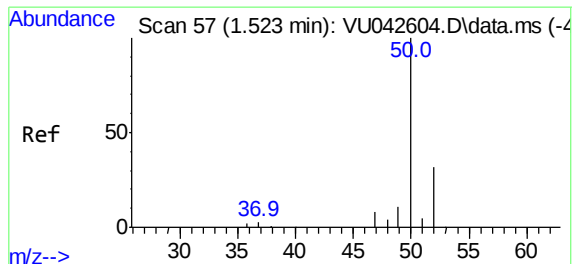
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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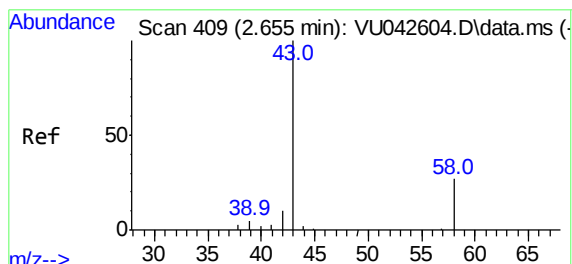
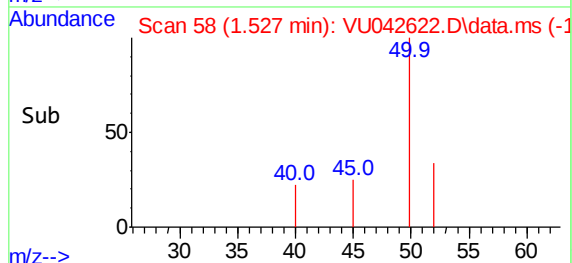
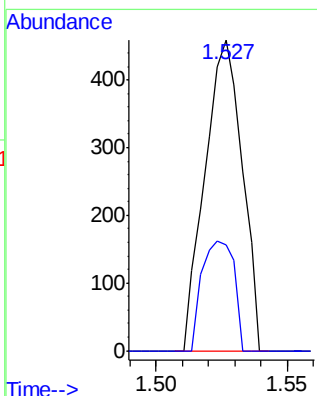
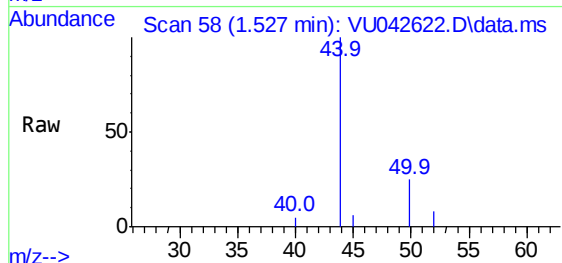




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

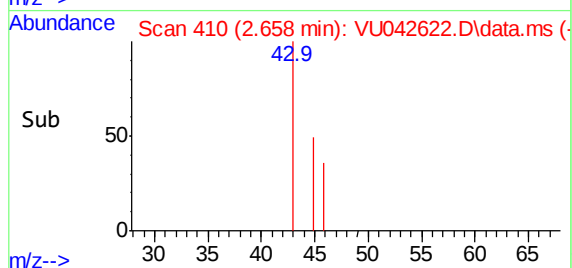
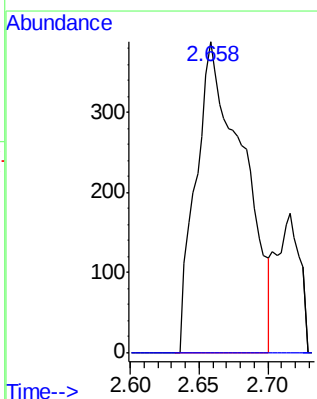
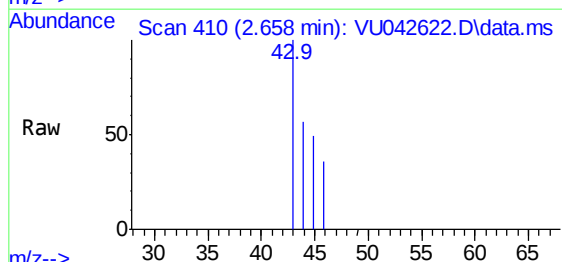
Instrument :
MSVOA_U
ClientSampleId :
C0AF0

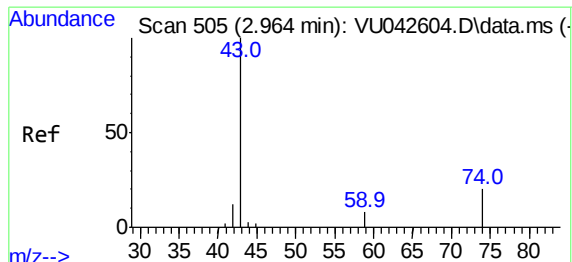
Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 34.0 23.0 42.8



#13
Acetone
Concen: 0.71 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 0.0 0.0 55.8

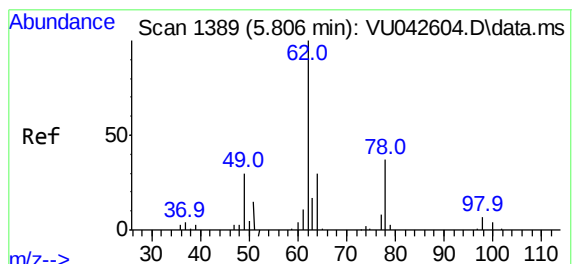
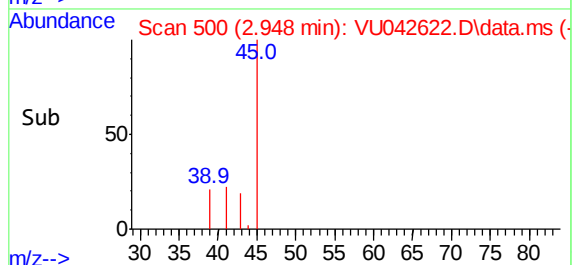
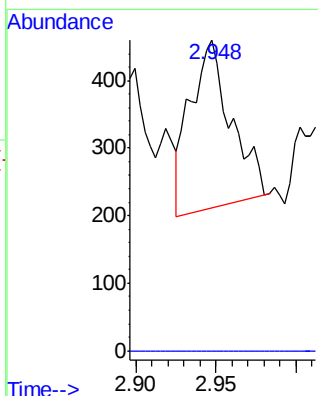
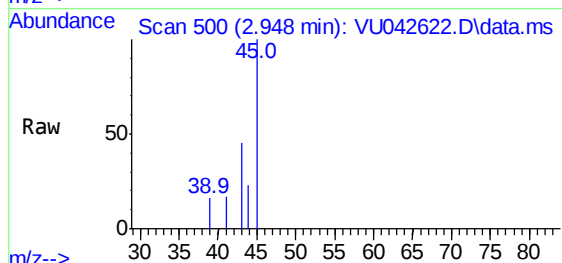




#15
Methyl Acetate
Concen: 0.13 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.016 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

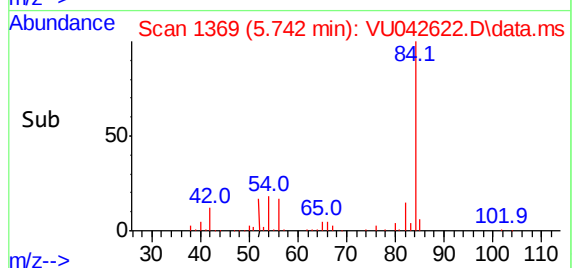
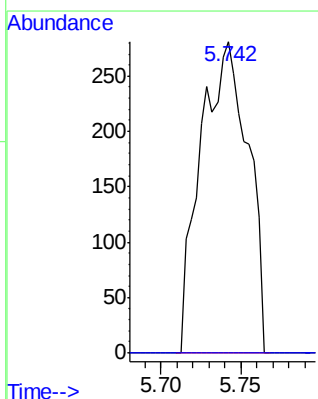
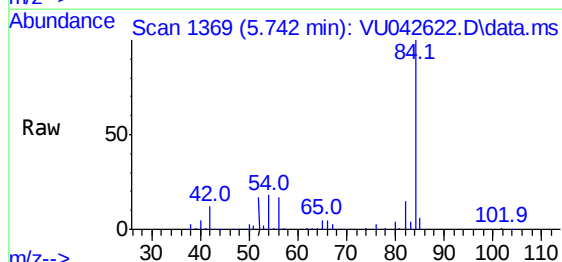
Instrument :
MSVOA_U
ClientSampleId :
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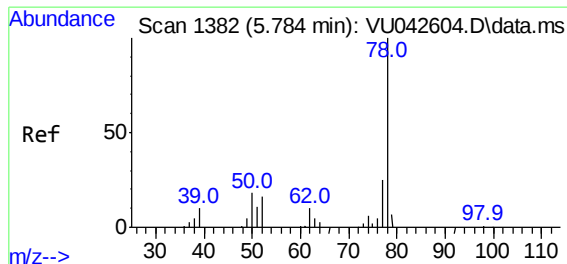
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

Tgt Ion: 62 Resp: 569
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

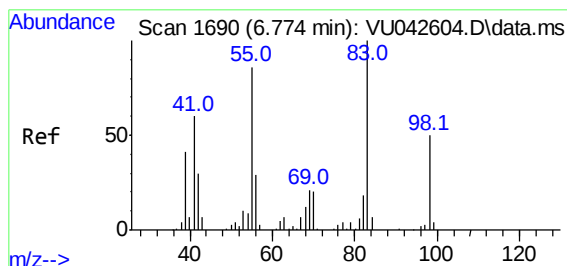
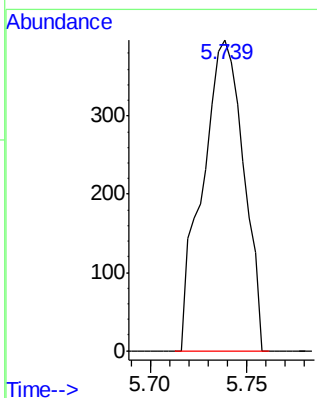
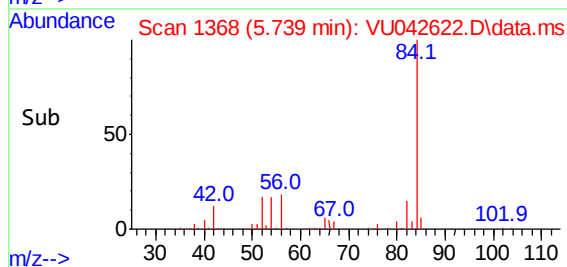
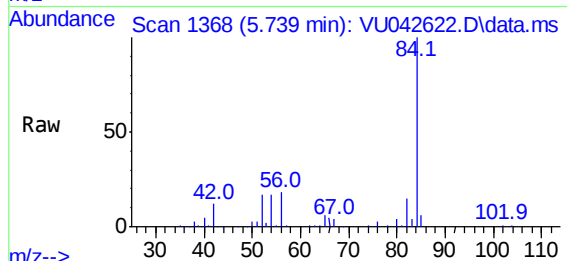




#33
Benzene
Concen: 0.02 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

Instrument :
MSVOA_U
ClientSampleId :
C0AF0

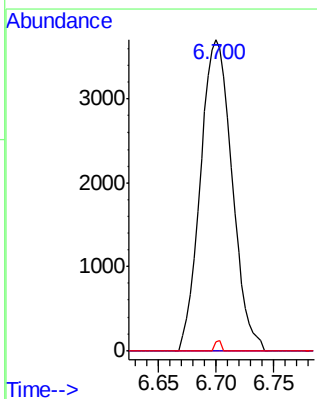
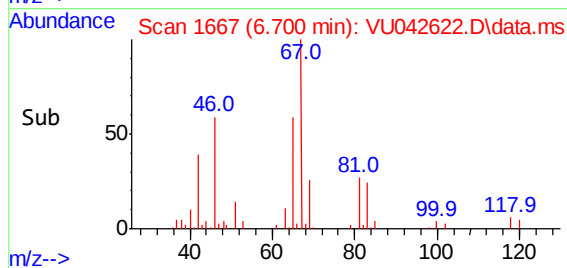
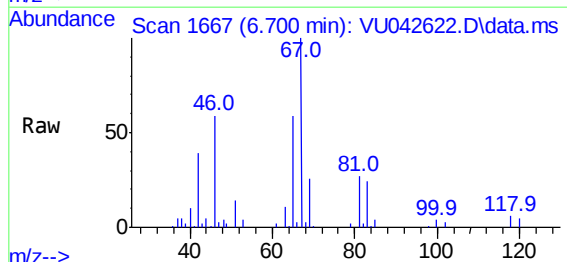
Tgt Ion: 78 Resp: 588

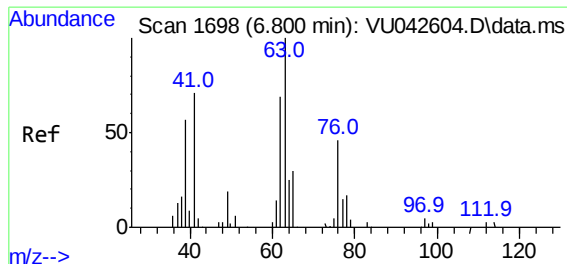


#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

Tgt Ion: 83 Resp: 7024

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.6	39.7	59.5#

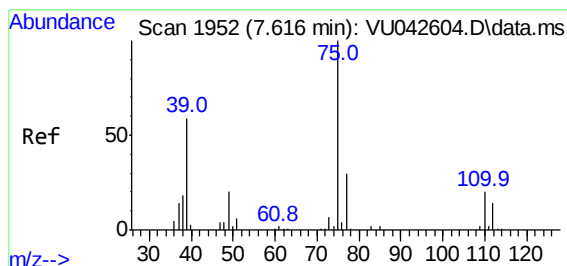
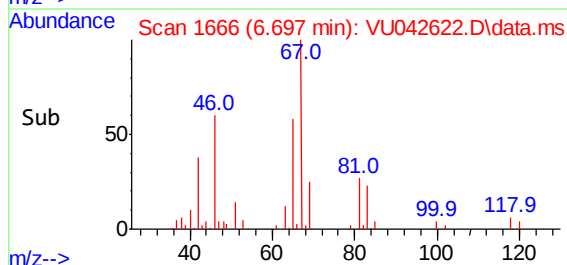
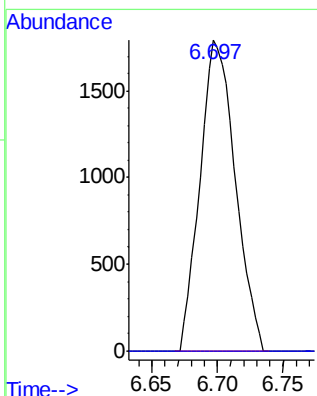
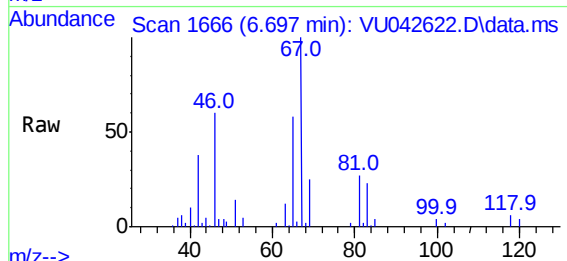




#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

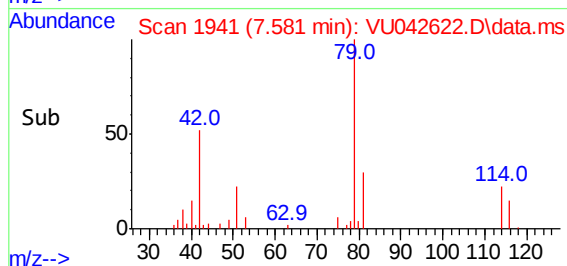
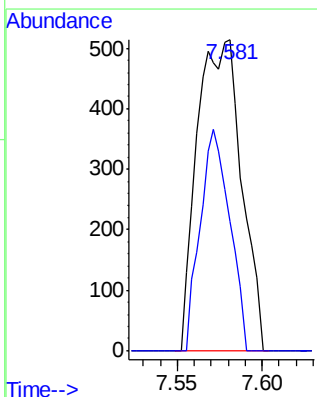
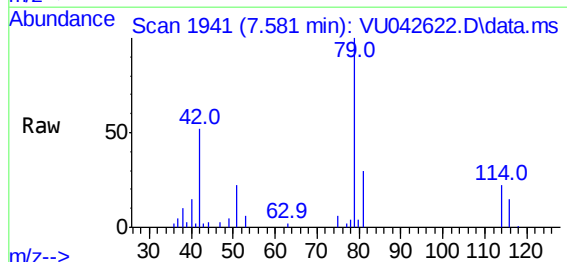
Instrument :
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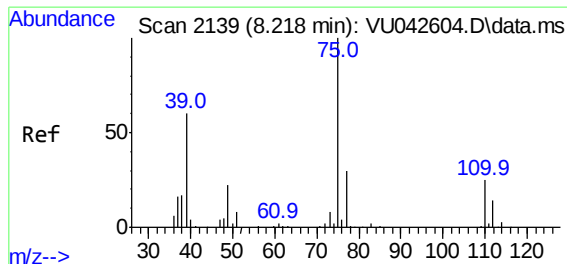
Tgt Ion: 63 Resp: 3338
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.581 min Scan# 1941
Delta R.T. -0.035 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

Tgt Ion: 75 Resp: 935
Ion Ratio Lower Upper
75 100
77 41.4 22.0 40.8#

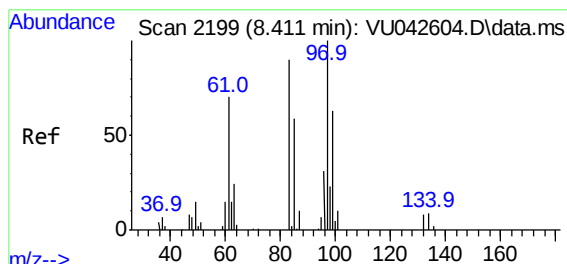
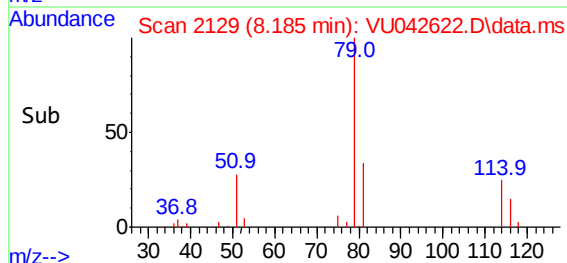
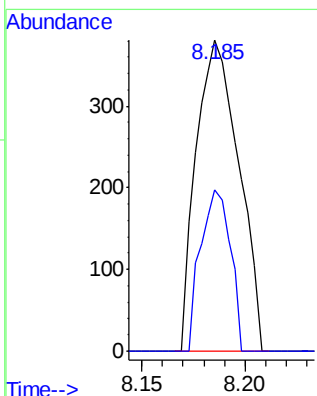
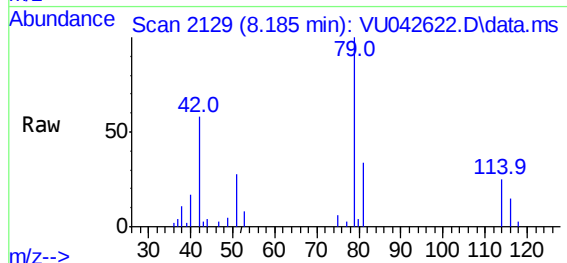




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

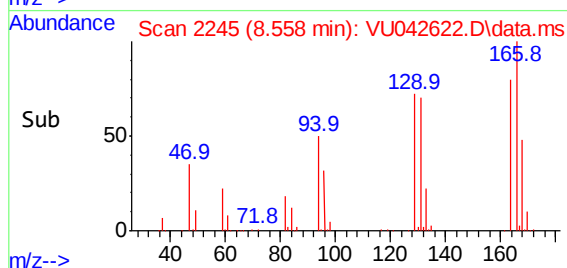
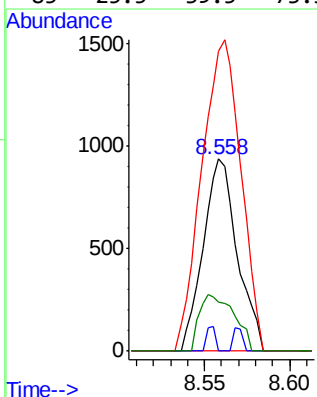
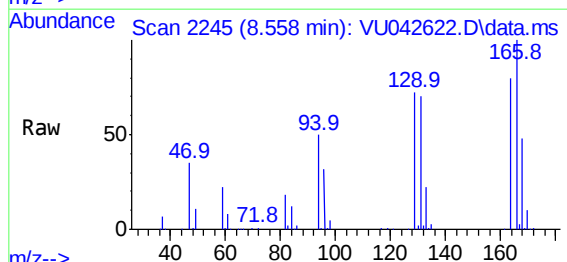
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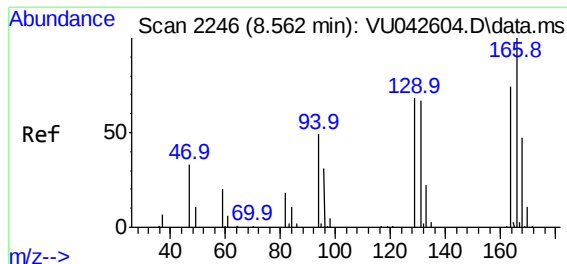
Tgt Ion: 75 Resp: 546
Ion Ratio Lower Upper
75 100
77 51.7 21.8 40.4#



#45
1,1,2-Trichloroethane
Concen: 0.28 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.148 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

Tgt Ion: 97 Resp: 1303
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 156.0 57.6 107.0#
85 25.5 39.5 73.3#

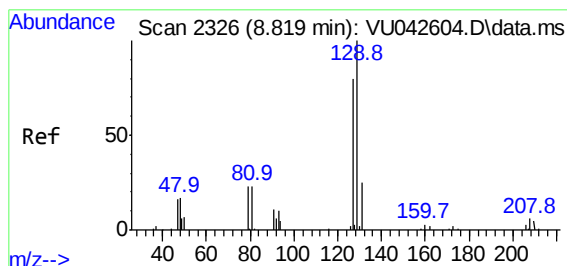
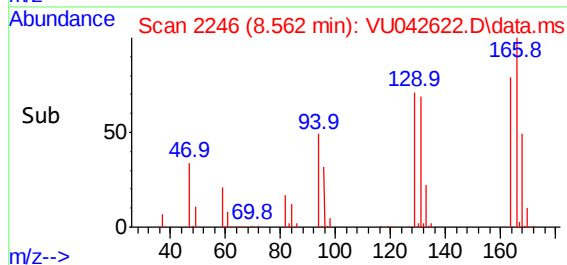
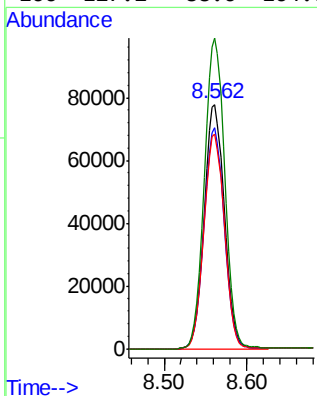
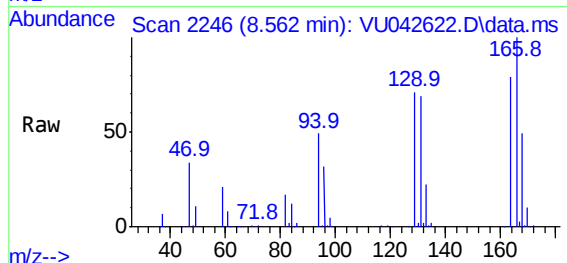




#47
Tetrachloroethene
Concen: 24.46 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

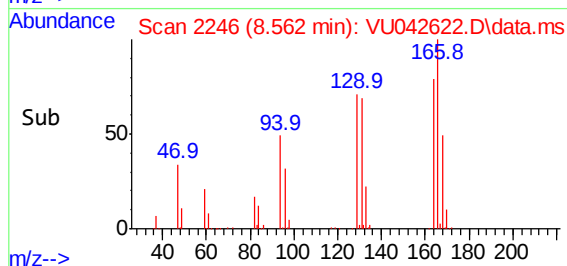
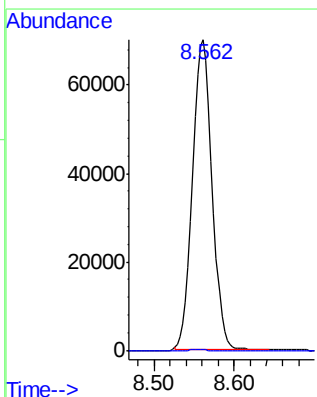
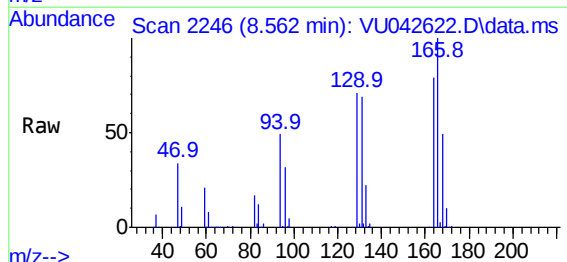
Instrument :
MSVOA_U
ClientSampleId :
C0AF0

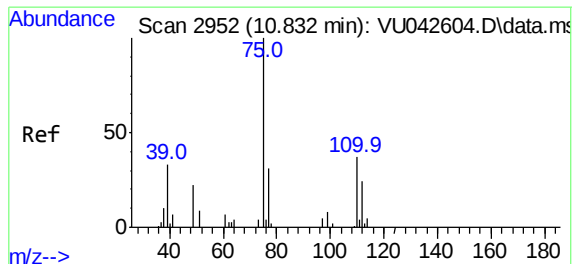
Tgt Ion:164 Resp: 130859
Ion Ratio Lower Upper
164 100
129 90.2 64.3 119.5
131 87.9 62.2 115.6
166 127.2 88.6 164.6



#49
Dibromochloromethane
Concen: 19.92 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042622.D
Acq: 12 Mar 2021 19:51

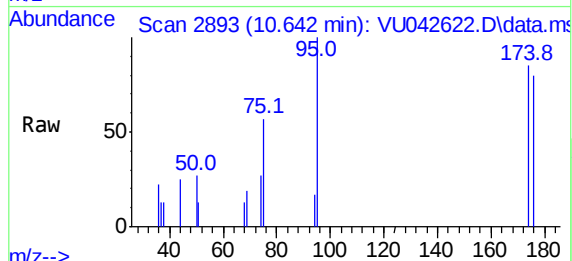
Tgt Ion:129 Resp: 117490
Ion Ratio Lower Upper
129 100
127 0.2 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.12 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042622.D
 Acq: 12 Mar 2021 19:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF0



Tgt Ion: 75 Resp: 594
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

