

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042731.D
 Acq On : 19 Mar 2021 19:25
 Operator : SY/MD
 Sample : M1743-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZD8

Quant Time: Mar 20 05:54:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

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

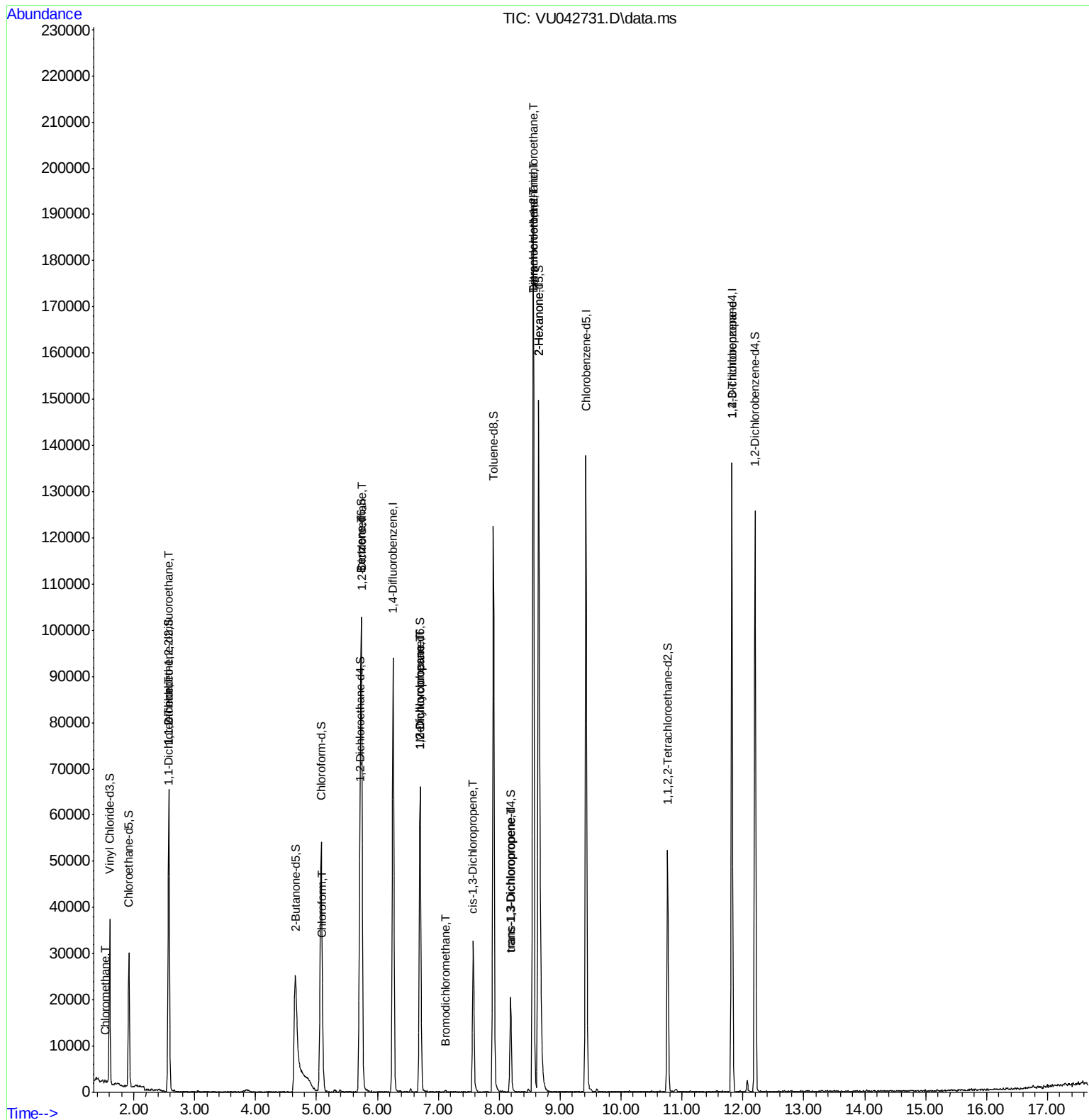
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	71981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	72550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35037	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24351	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.919	69	19555	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.575	63	40671	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.652	46	63047	40.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.04%
24) Chloroform-d	5.073	84	46898	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.713	65	30101	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.735	84	85828	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.703	67	27792	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	77403	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloroprop...	8.186	79	11153	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.645	63	60815	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24424	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	31830	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%
Target Compounds						
3) Chloromethane	1.523	50	284	0.04	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	289	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	279	0.06	ug/L #	1
25) Chloroform	5.096	83	5161	0.48	ug/L	99
27) 1,2-Dichloroethane	5.739	62	505	0.06	ug/L #	75
33) Benzene	5.732	78	563	0.02	ug/L	100
35) Methylcyclohexane	6.700	83	6701	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3267	0.53	ug/L #	87
38) Bromodichloromethane	7.112	83	378	0.05	ug/L #	24
39) cis-1,3-Dichloropropene	7.568	75	814	0.09	ug/L #	59
44) trans-1,3-Dichloropropene	8.189	75	502	0.06	ug/L #	66
45) 1,1,2-Trichloroethane	8.555	97	356	0.08	ug/L #	28
47) Tetrachloroethene	8.562	164	40983	7.99	ug/L	96
48) 2-Hexanone	8.649	43	9916	2.52	ug/L #	70
49) Dibromochloromethane	8.559	129	37491	6.63	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	3821	0.83	ug/L #	73

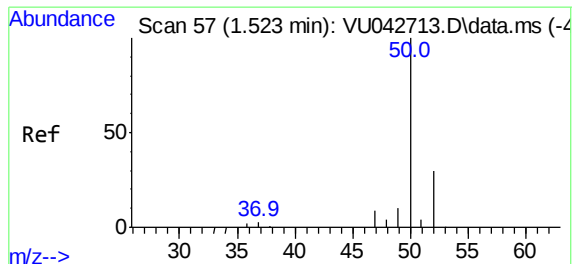
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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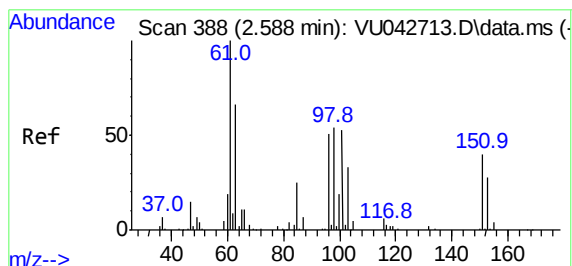
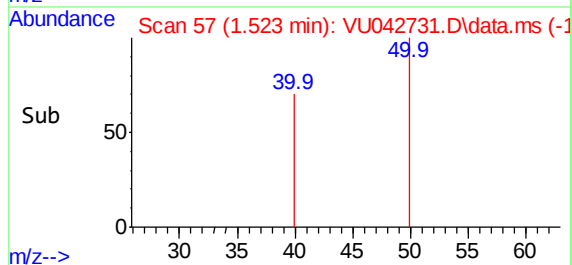
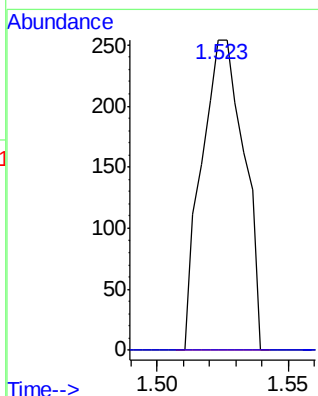
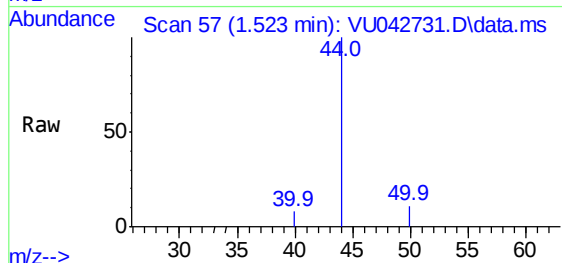




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

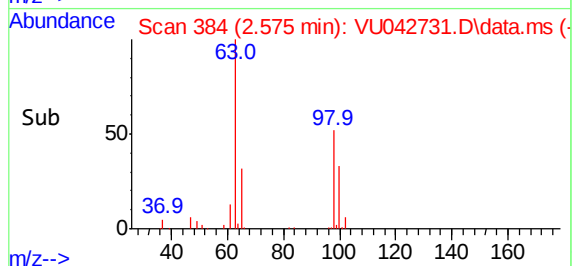
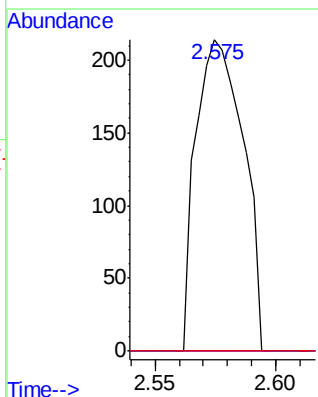
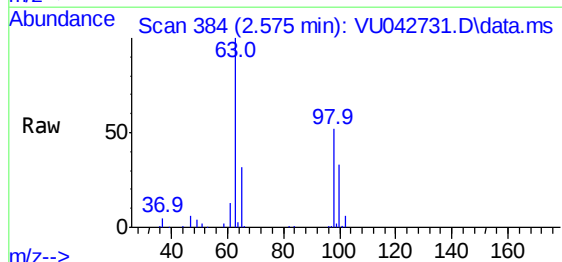
Instrument :
MSVOA_U
ClientSampleId :
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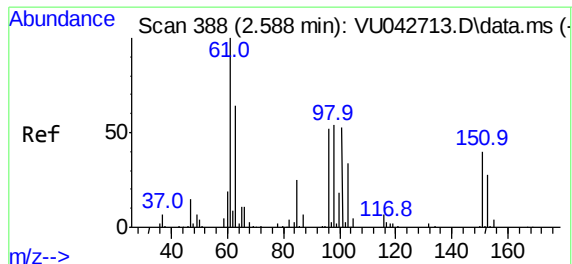
Tgt Ion: 50 Resp: 284
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Tgt Ion:101 Resp: 289
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

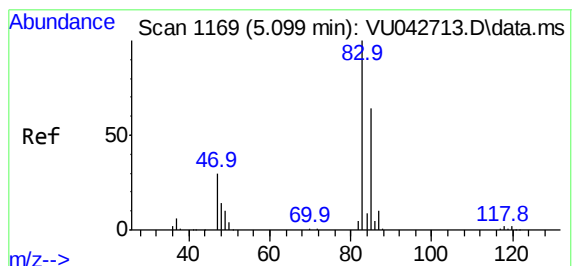
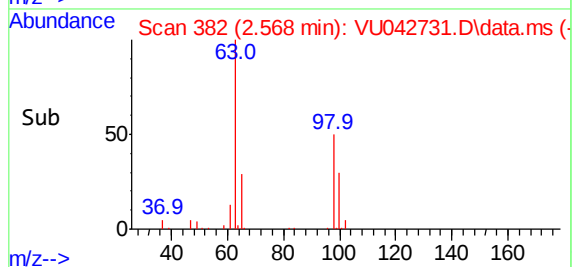
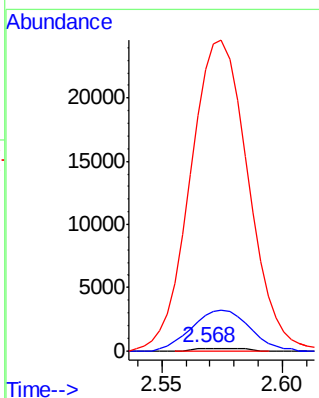
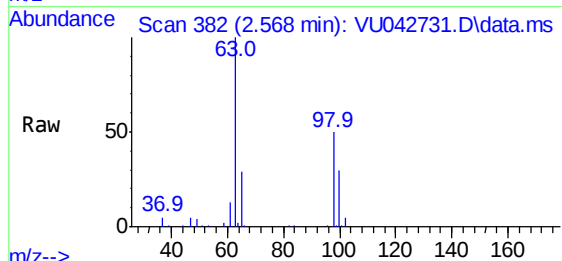




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

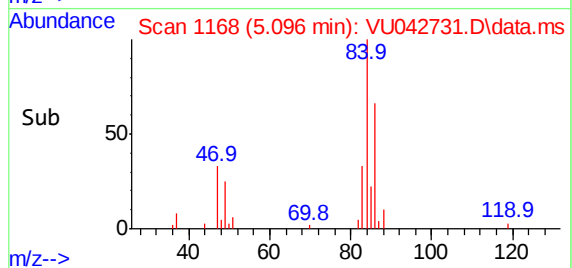
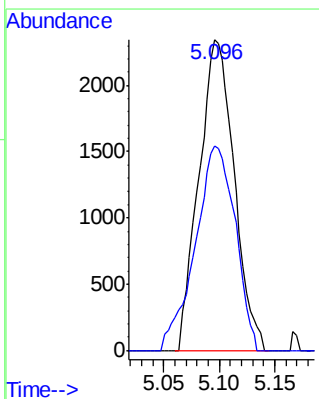
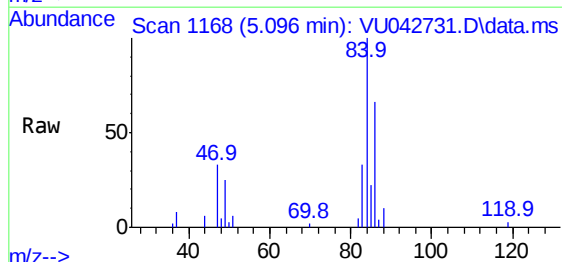
Instrument :
MSVOA_U
ClientSampleId :
ETZD8

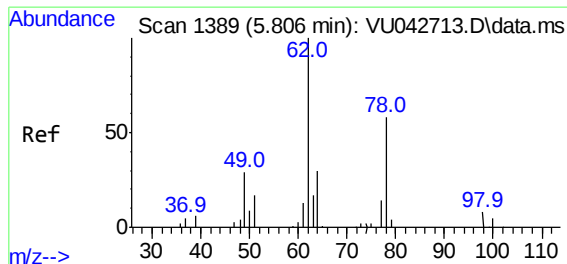
Tgt Ion: 96 Resp: 279
Ion Ratio Lower Upper
96 100
61 1344.0 126.2 234.4#
63 10740.1 77.8 144.4#



#25
Chloroform
Concen: 0.48 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Tgt Ion: 83 Resp: 5161
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9

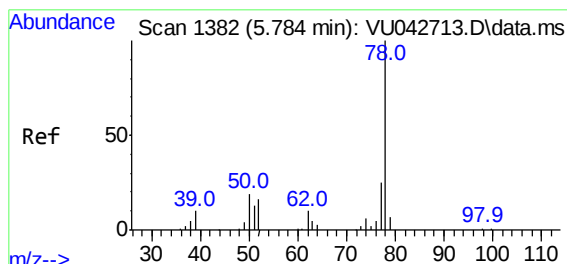
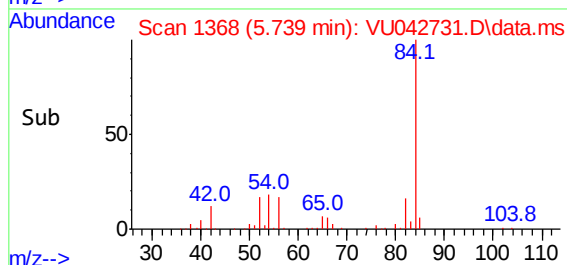
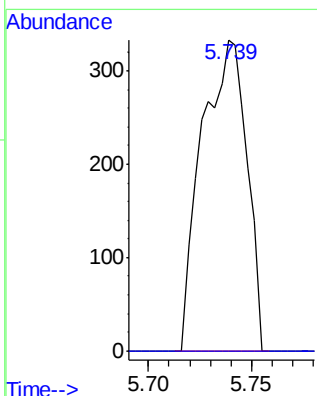
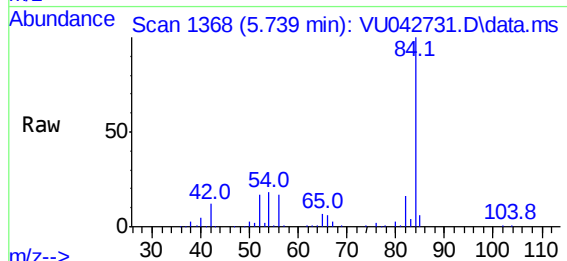




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.067 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

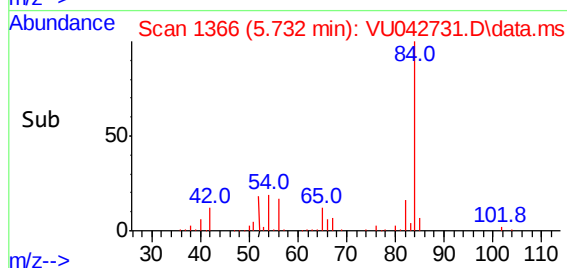
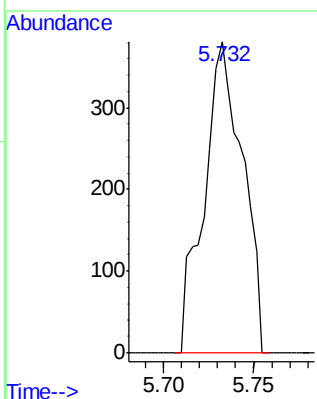
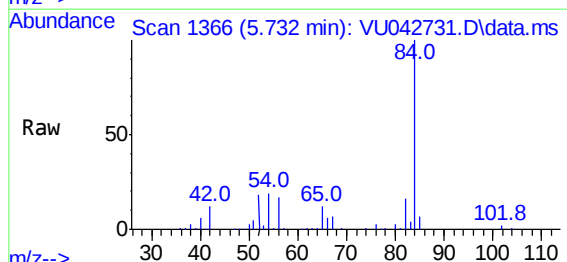
Instrument :
MSVOA_U
ClientSampleId :
ETZD8

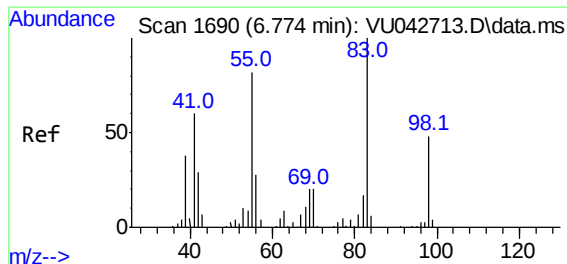
Tgt Ion: 62 Resp: 505
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.02 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Tgt Ion: 78 Resp: 563

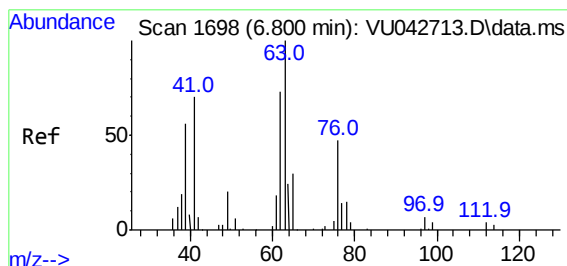
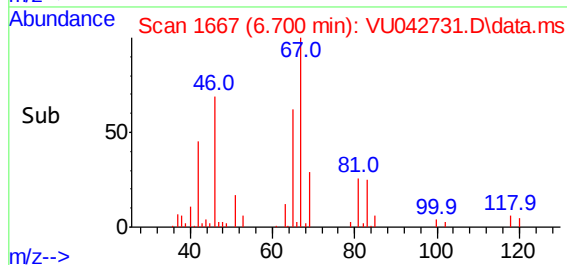
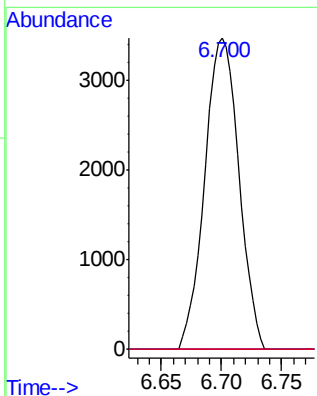
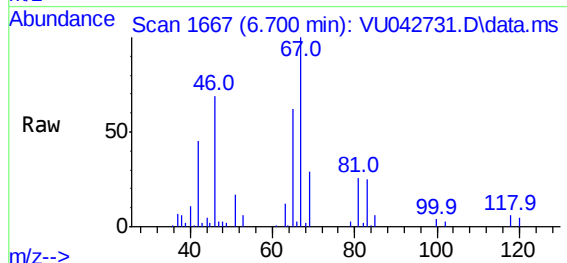




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

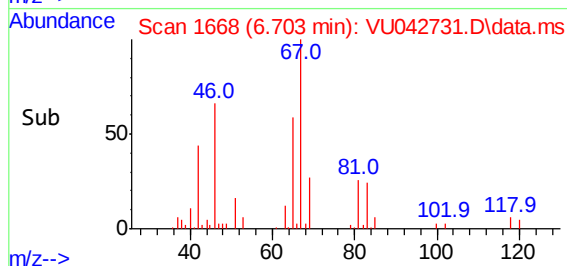
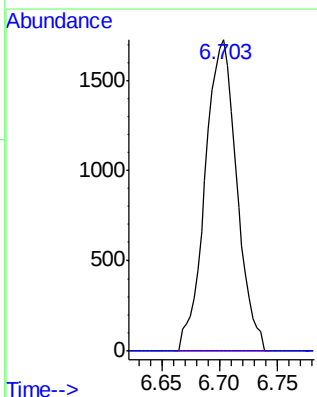
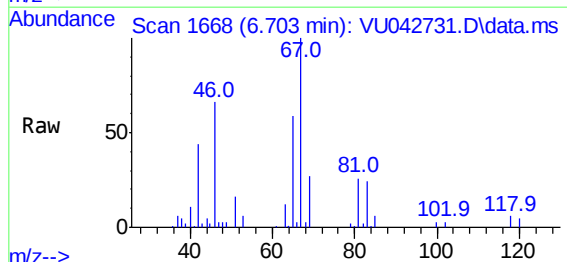
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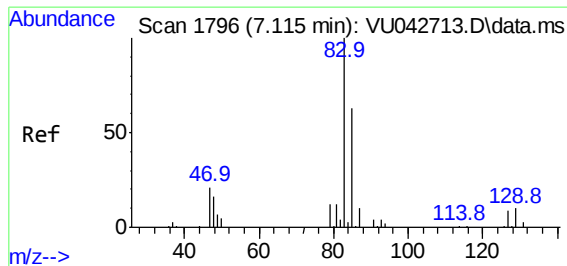
Tgt Ion: 83 Resp: 6701
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Tgt Ion: 63 Resp: 3267
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

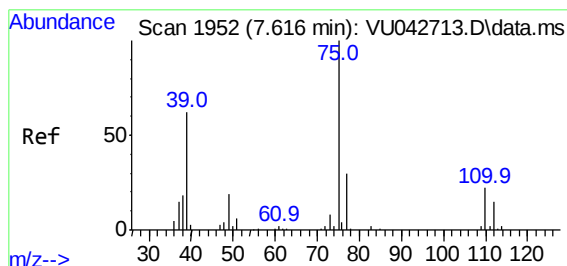
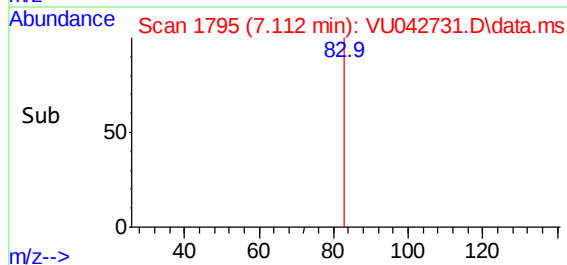
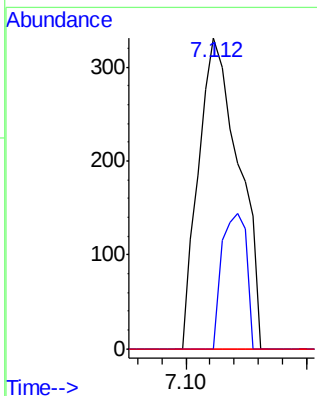
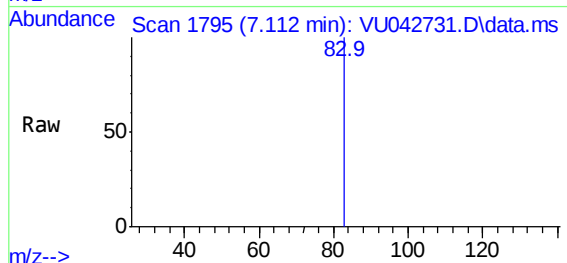




#38
Bromodichloromethane
Concen: 0.05 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

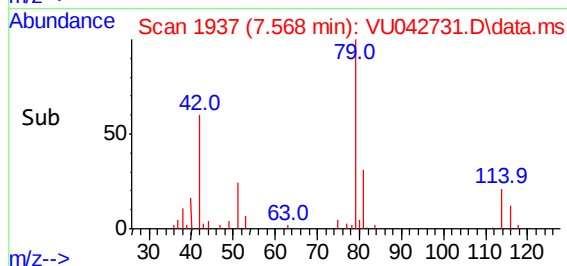
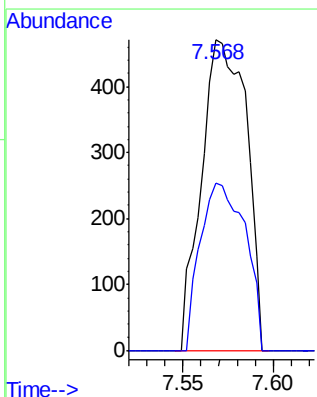
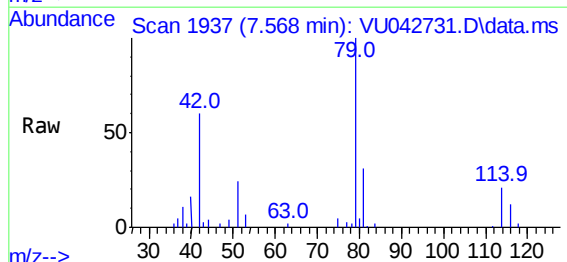
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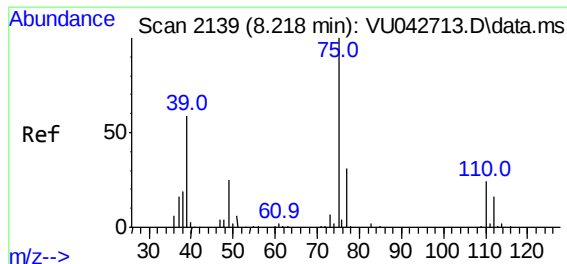
Tgt Ion: 83 Resp: 378
Ion Ratio Lower Upper
83 100
85 0.0 46.0 85.4#
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Tgt Ion: 75 Resp: 814
Ion Ratio Lower Upper
75 100
77 53.9 22.0 40.8#



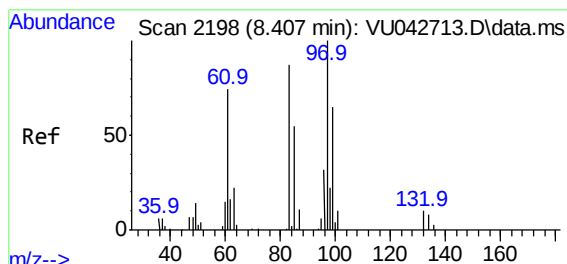
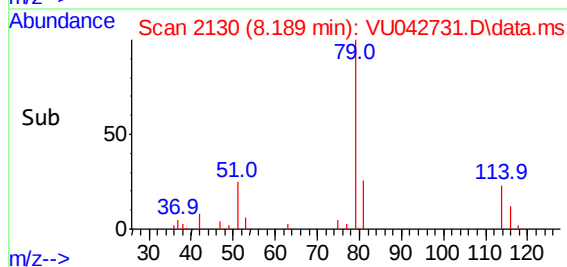
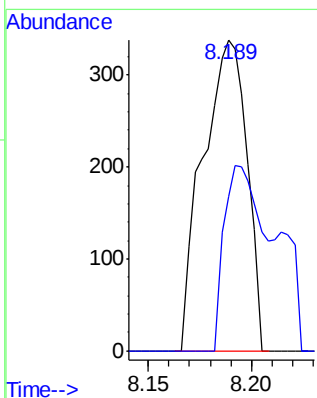
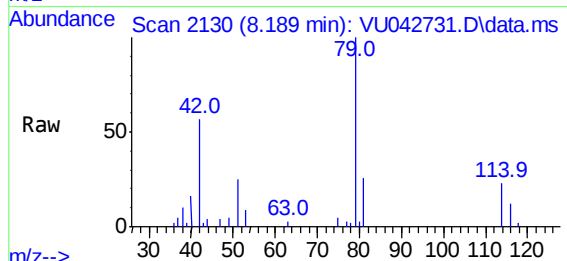


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Instrument :
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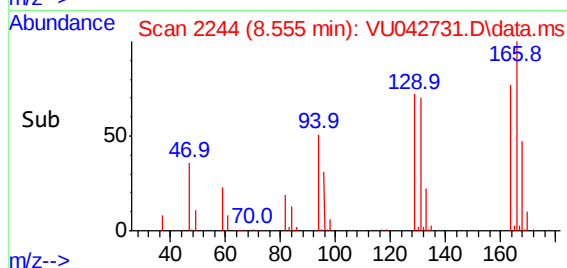
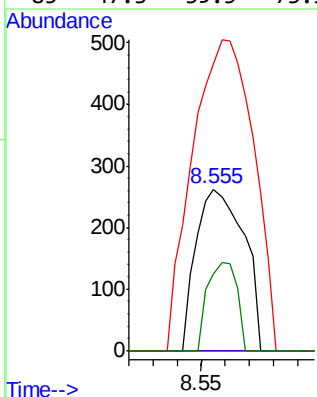
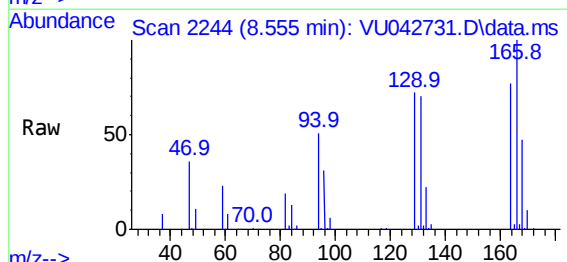
Tgt Ion: 75 Resp: 502
Ion Ratio Lower Upper
75 100
77 49.7 21.8 40.4#

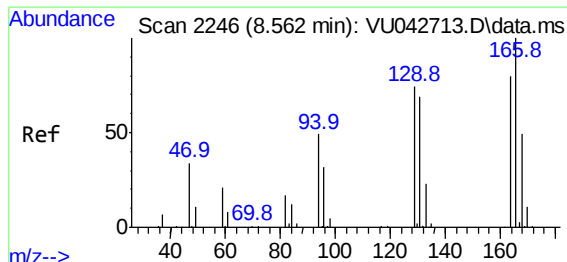


#45

1,1,2-Trichloroethane
Concen: 0.08 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.148 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Tgt Ion: 97 Resp: 356
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 177.9 57.6 107.0#
85 47.3 39.5 73.3





#47

Tetrachloroethene

Concen: 7.99 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU042731.D

Acq: 19 Mar 2021 19:25

Tgt Ion:164 Resp: 40983

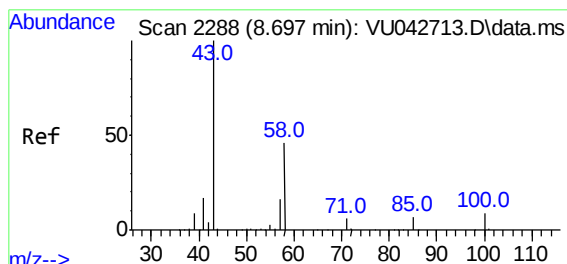
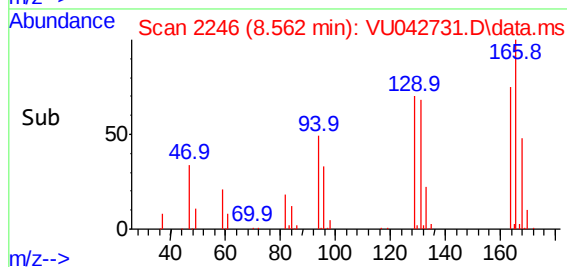
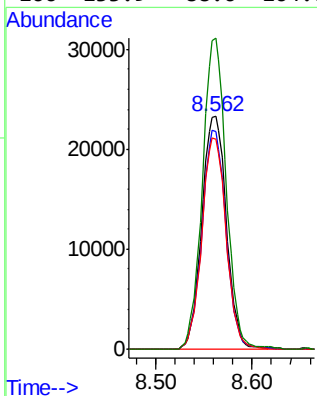
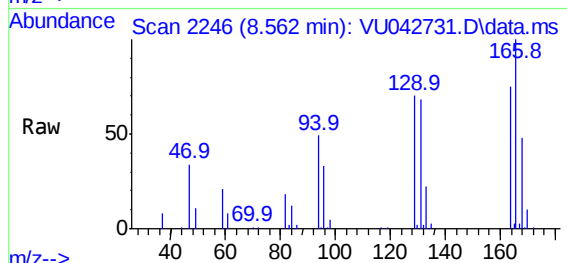
Ion Ratio Lower Upper

164 100

129 93.5 64.3 119.5

131 90.4 62.2 115.6

166 133.9 88.6 164.6



#48

2-Hexanone

Concen: 2.52 ug/L

RT: 8.649 min Scan# 2273

Delta R.T. -0.048 min

Lab File: VU042731.D

Acq: 19 Mar 2021 19:25

Tgt Ion: 43 Resp: 9916

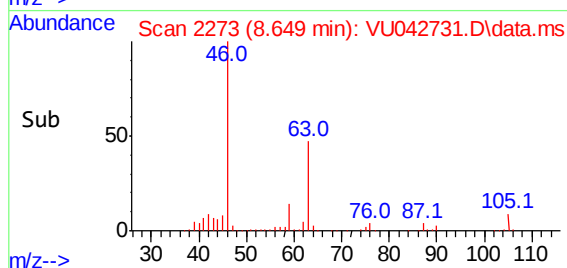
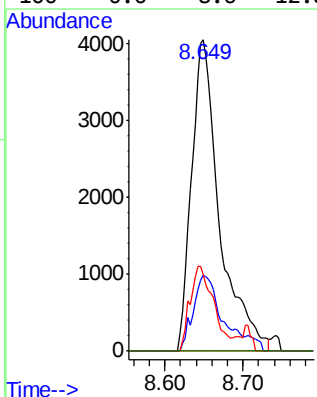
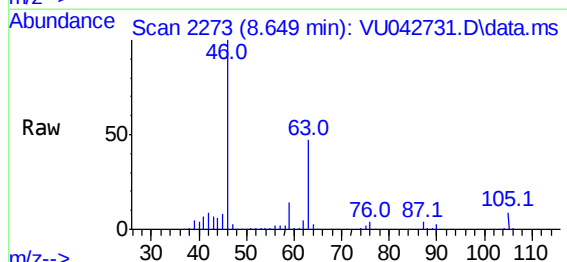
Ion Ratio Lower Upper

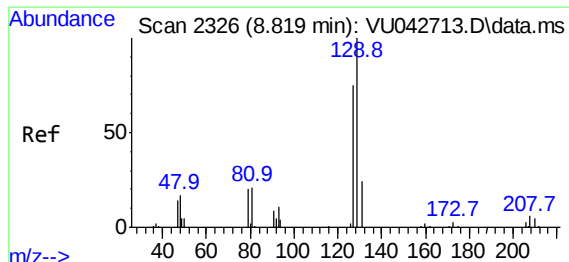
43 100

58 24.5 40.6 61.0#

57 23.1 14.9 22.3#

100 0.0 8.6 12.8#

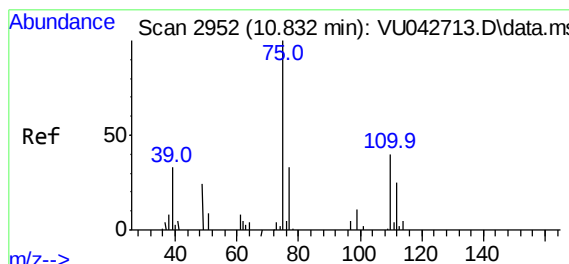
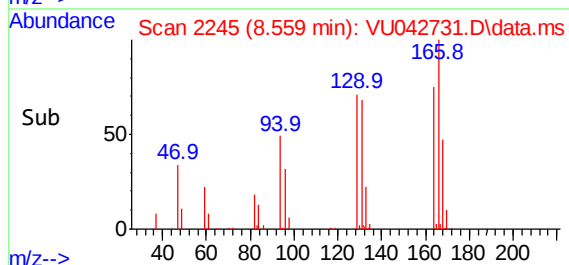
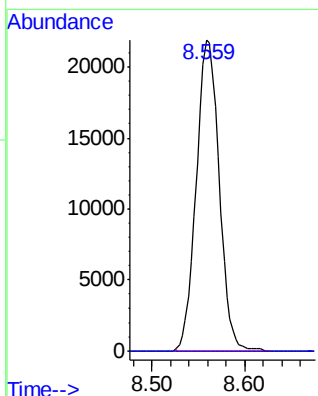
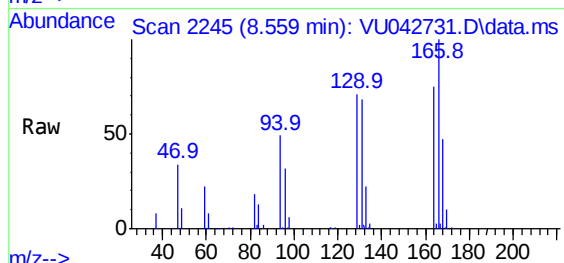




#49
Dibromochloromethane
Concen: 6.63 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Instrument :
MSVOA_U
ClientSampleId :
ETZD8

Tgt Ion:129 Resp: 37491
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.83 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042731.D
Acq: 19 Mar 2021 19:25

Tgt Ion: 75 Resp: 3821
Ion Ratio Lower Upper
75 100
77 47.4 26.0 39.0#

