

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042173.D
 Acq On : 22 Jan 2021 16:34
 Operator : SY/MD
 Sample : M1222-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E15

Quant Time: Jan 23 06:23:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

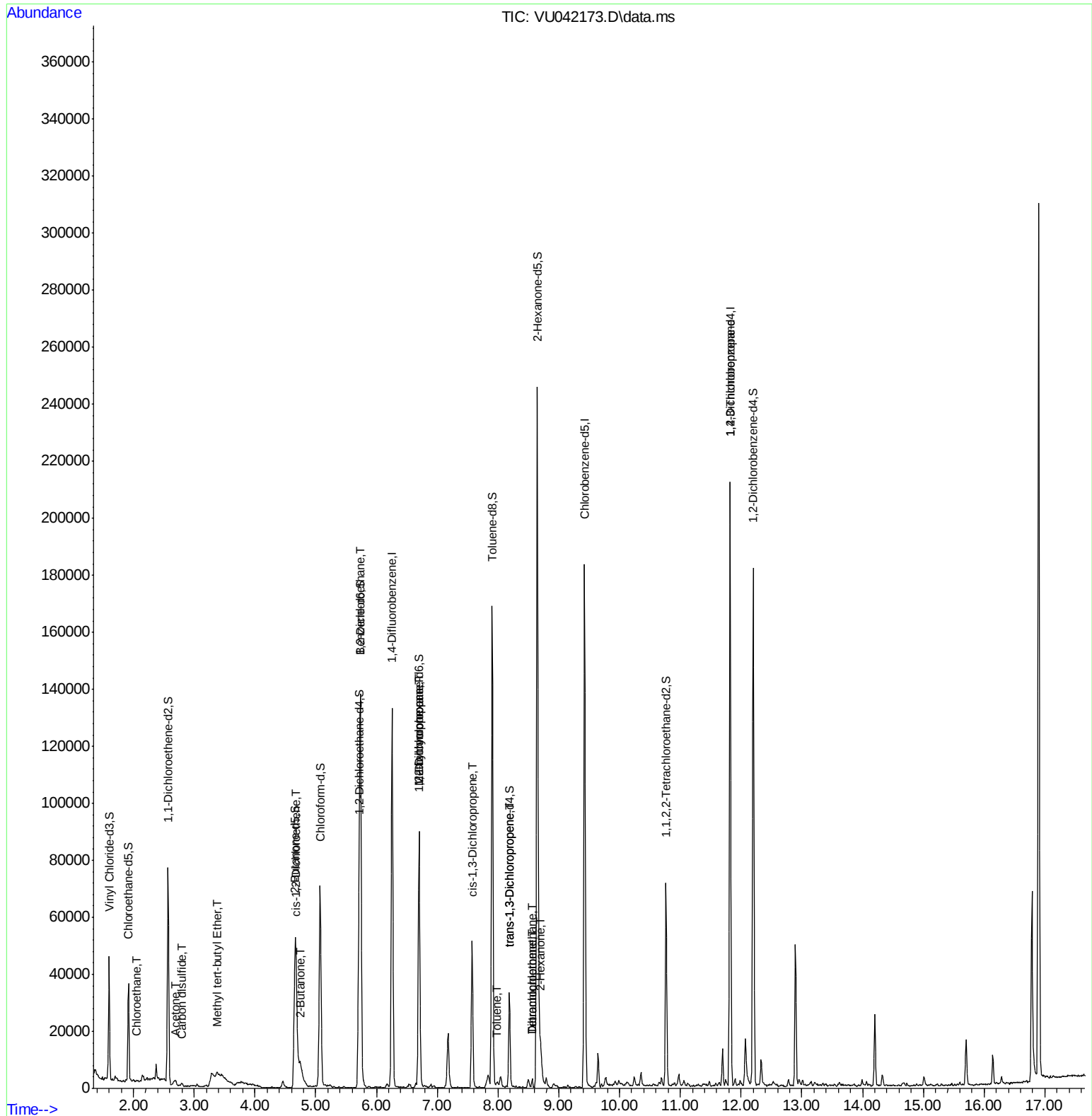
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102452	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	96262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52392	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26738	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.919	69	23634	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.568	63	46393	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.661	46	97402	40.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.78%
24) Chloroform-d	5.073	84	62514	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.713	65	38672	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.735	84	117141	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.700	67	38914	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.906	98	105839	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloroprop...	8.185	79	18359	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.645	63	90886	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34392	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	45984	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds					Qvalue	
8) Chloroethane	2.054	64	229	0.05	ug/L #	43
13) Acetone	2.690	43	4566	2.84	ug/L	77
14) Carbon disulfide	2.793	76	1235	0.05	ug/L #	75
17) Methyl tert-butyl Ether	3.375	73	1275	0.06	ug/L #	80
21) 2-Butanone	4.745	43	2032	0.76	ug/L	77
22) cis-1,2-Dichloroethene	4.677	96	2959	0.38	ug/L	96
27) 1,2-Dichloroethane	5.735	62	843	0.08	ug/L #	75
35) Methylcyclohexane	6.700	83	9263	0.72	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	4579	0.61	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1263	0.10	ug/L #	76
42) Toluene	7.980	91	1156	0.04	ug/L	97
44) trans-1,3-Dichloropropene	8.189	75	805	0.07	ug/L #	58
47) Tetrachloroethene	8.562	164	459	0.07	ug/L	93
48) 2-Hexanone	8.697	43	9091	2.05	ug/L #	93
49) Dibromochloromethane	8.558	129	442	0.06	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6377	1.21	ug/L	96

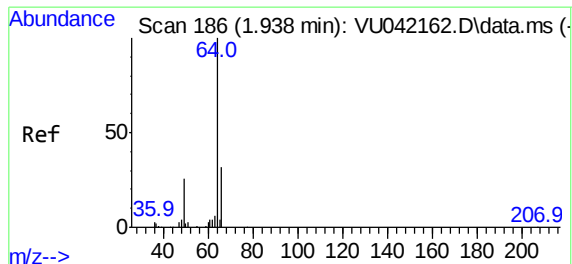
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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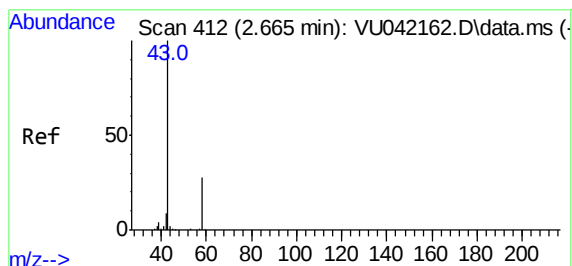
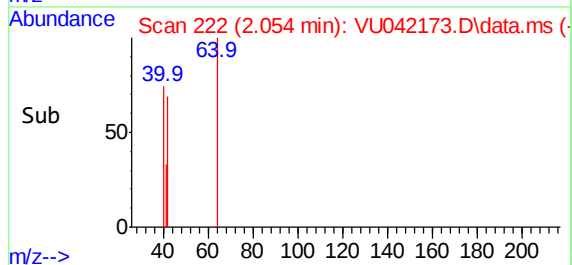
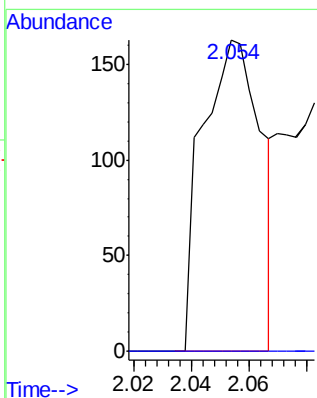
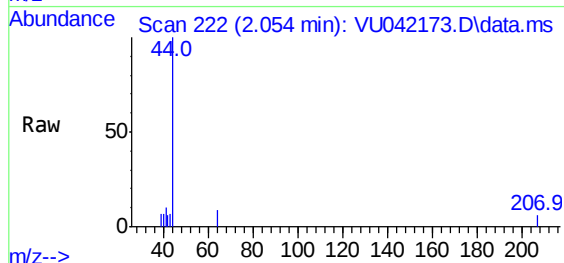




#8
Chloroethane
Concen: 0.05 ug/L
RT: 2.054 min Scan# 222
Delta R.T. 0.116 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

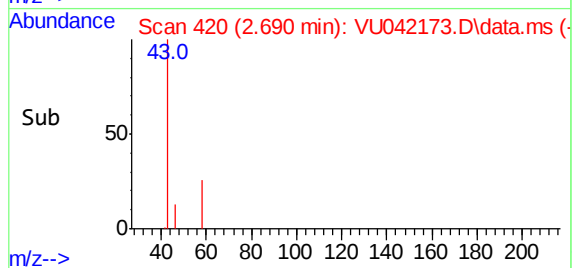
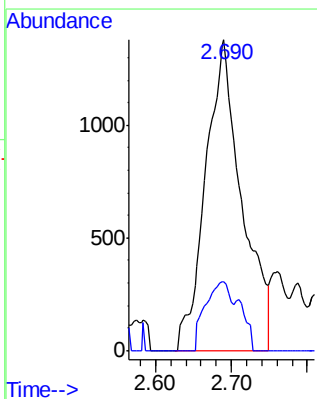
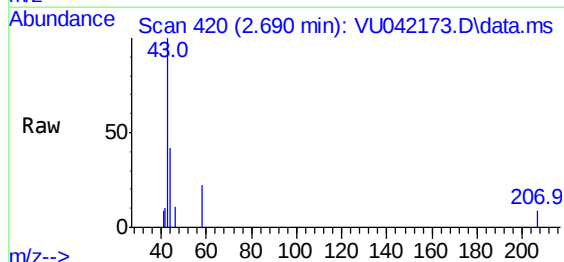
Instrument :
MSVOA_U
ClientSampleId :
F1E15

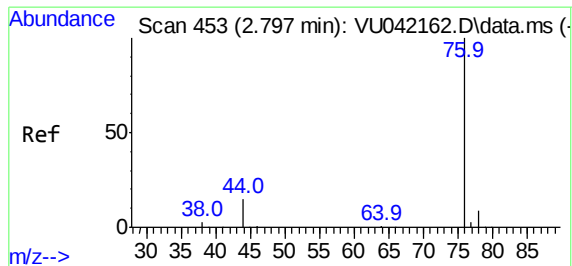
Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#13
Acetone
Concen: 2.84 ug/L
RT: 2.690 min Scan# 420
Delta R.T. 0.026 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

Tgt Ion: 43 Resp: 4566
Ion Ratio Lower Upper
43 100
58 16.0 0.0 55.8

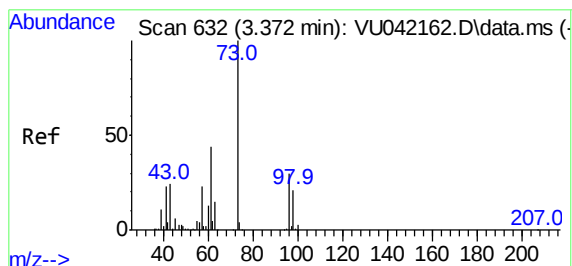
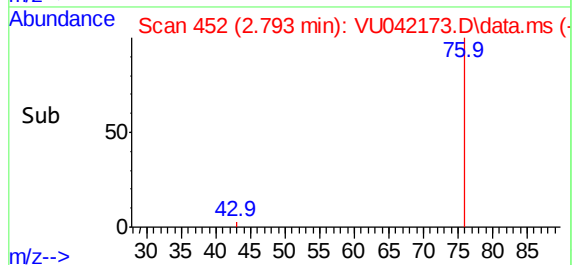
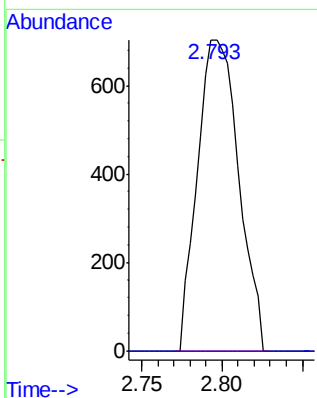
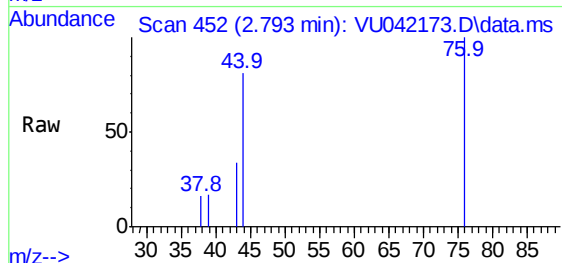




#14
Carbon disulfide
Concen: 0.05 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

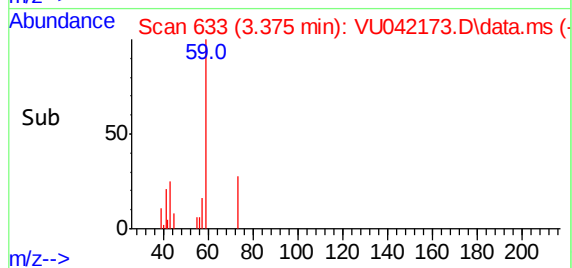
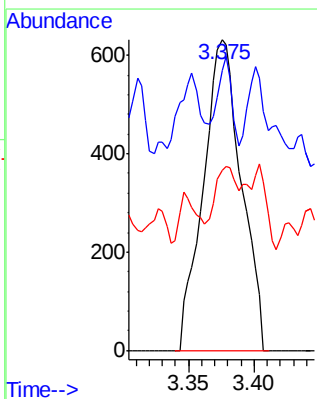
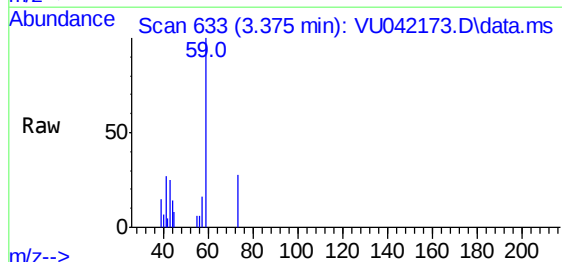
Instrument :
MSVOA_U
ClientSampleId :
F1E15

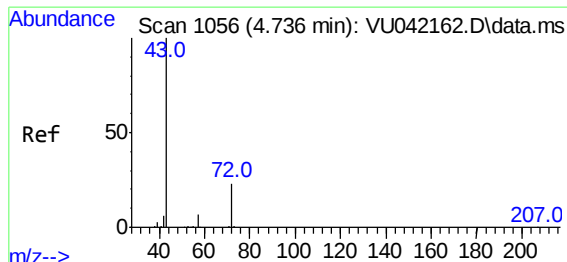
Tgt Ion: 76 Resp: 1235
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#17
Methyl tert-butyl Ether
Concen: 0.06 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

Tgt Ion: 73 Resp: 1275
Ion Ratio Lower Upper
73 100
43 11.5 18.9 28.3#
57 30.4 18.2 27.4#

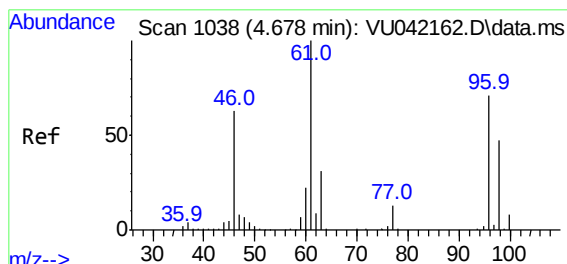
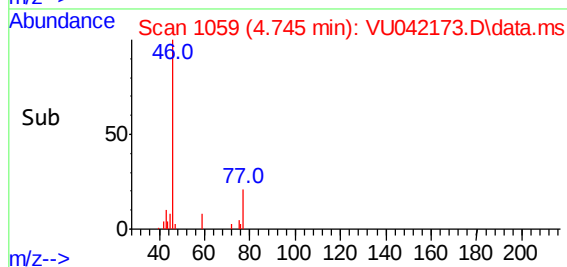
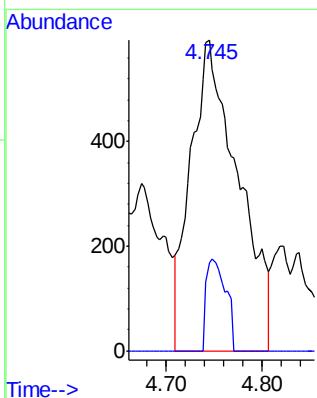
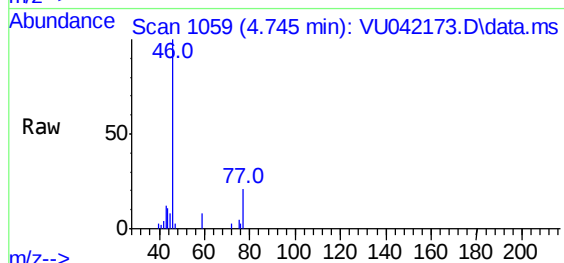




#21
2-Butanone
Concen: 0.76 ug/L
RT: 4.745 min Scan# 1059
Delta R.T. 0.009 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

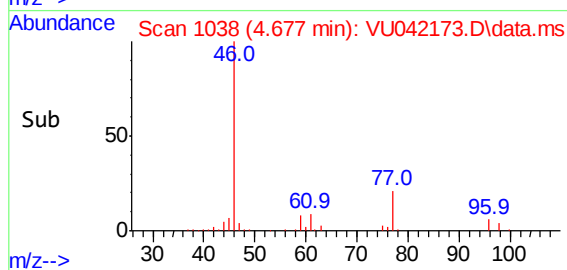
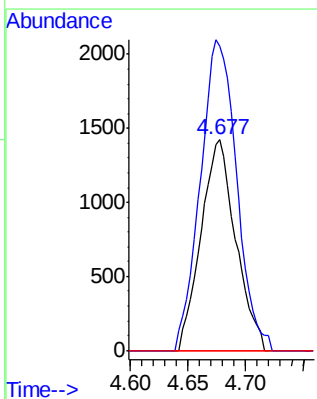
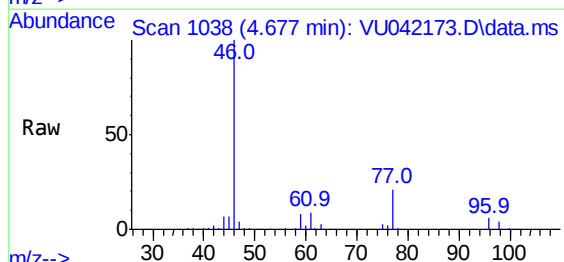
Instrument :
MSVOA_U
ClientSampleId :
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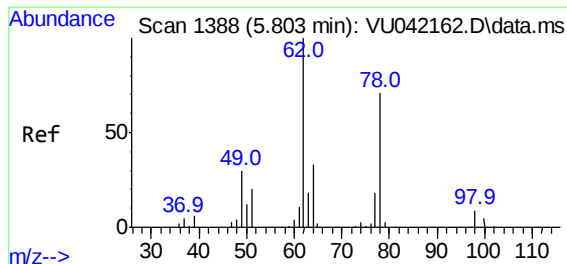
Tgt Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
72 12.0 11.7 35.1



#22
cis-1,2-Dichloroethene
Concen: 0.38 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

Tgt Ion: 96 Resp: 2959
Ion Ratio Lower Upper
96 100
61 144.3 97.8 181.6
68 0.0 0.0 0.0

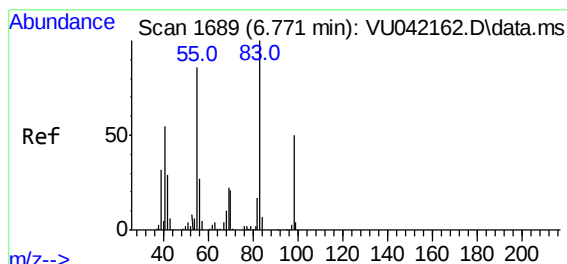
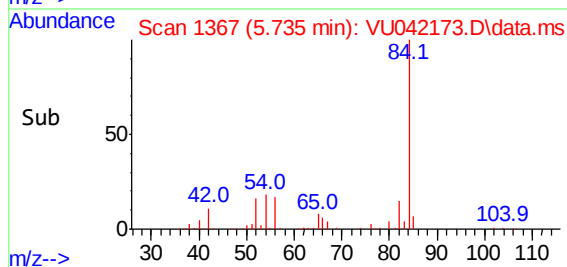
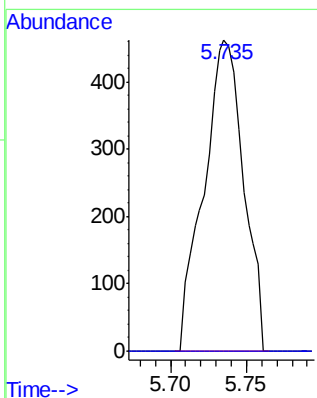
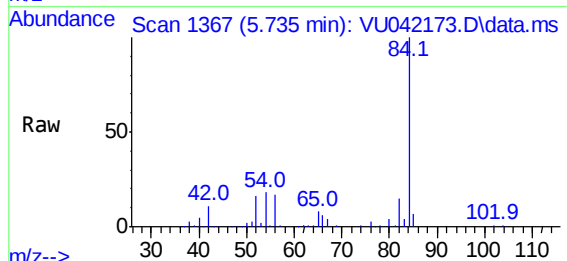




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

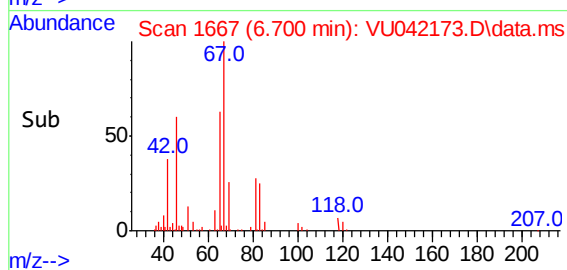
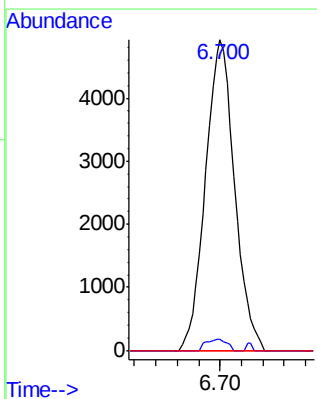
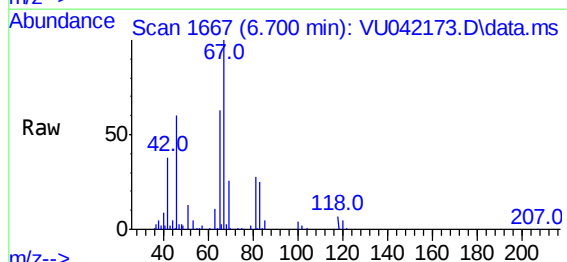
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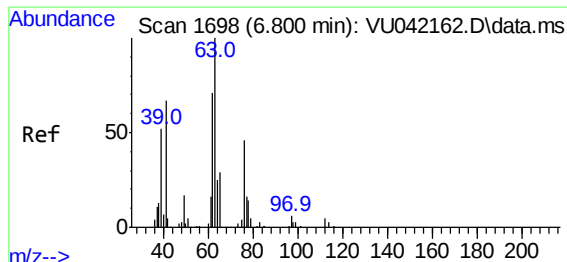
Tgt Ion: 62 Resp: 843
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

Tgt Ion: 83 Resp: 9263
Ion Ratio Lower Upper
83 100
55 2.6 68.2 102.4#
98 0.0 39.7 59.5#

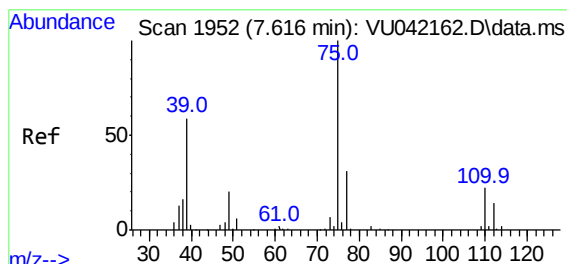
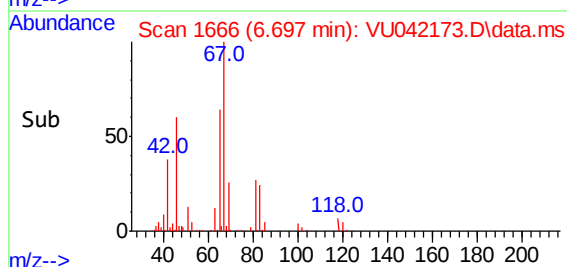
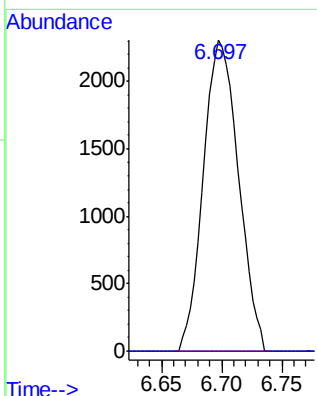
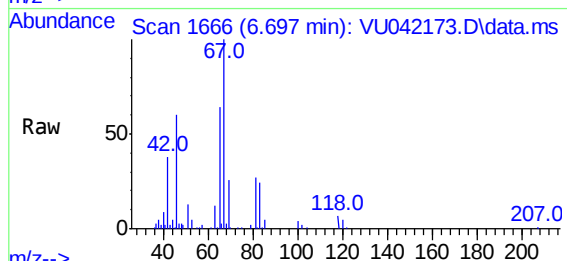




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

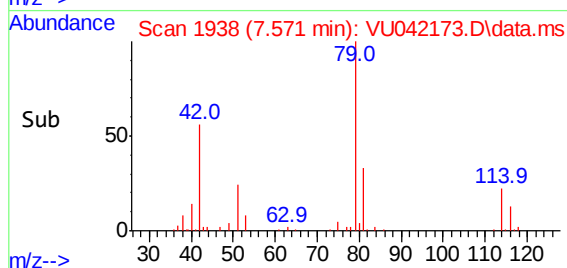
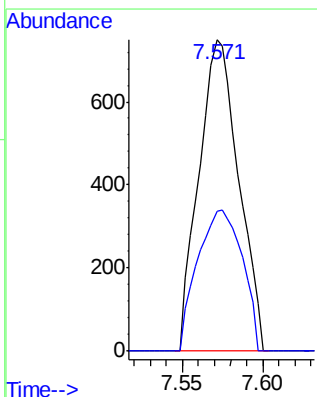
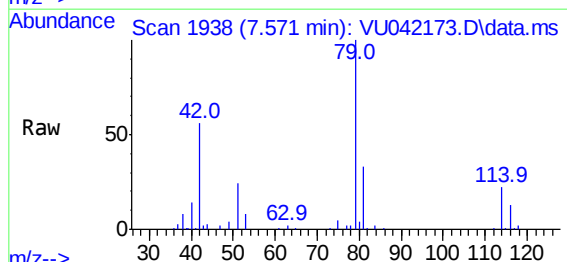
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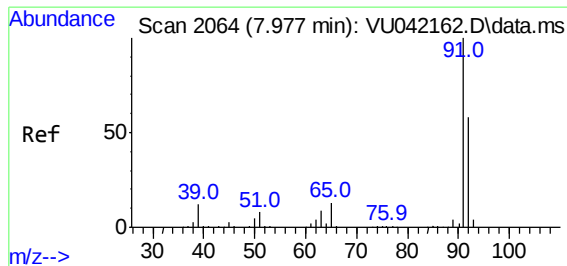
Tgt Ion: 63 Resp: 4579
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

Tgt Ion: 75 Resp: 1263
Ion Ratio Lower Upper
75 100
77 44.7 22.0 40.8#





#42

Toluene

Concen: 0.04 ug/L

RT: 7.980 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VU042173.D

Acq: 22 Jan 2021 16:34

Tgt Ion: 91 Resp: 1156

Ion Ratio Lower Upper

91 100

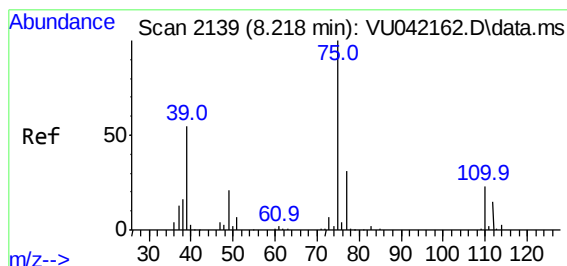
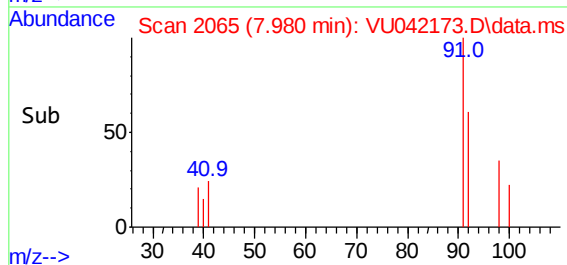
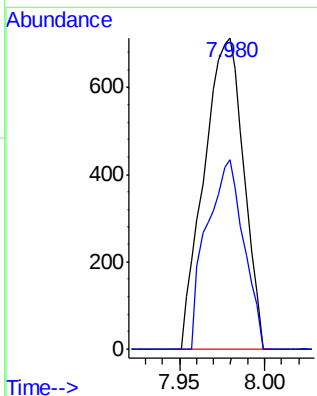
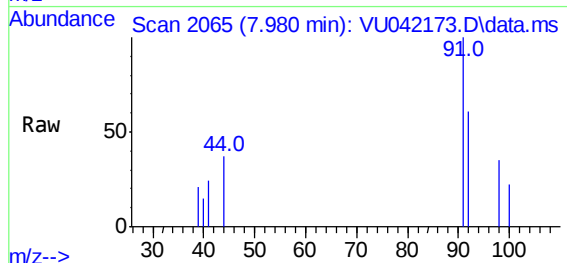
92 61.0 41.2 76.6

Instrument :

MSVOA_U

ClientSampleId :

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#44

trans-1,3-Dichloropropene

Concen: 0.07 ug/L

RT: 8.189 min Scan# 2130

Delta R.T. -0.029 min

Lab File: VU042173.D

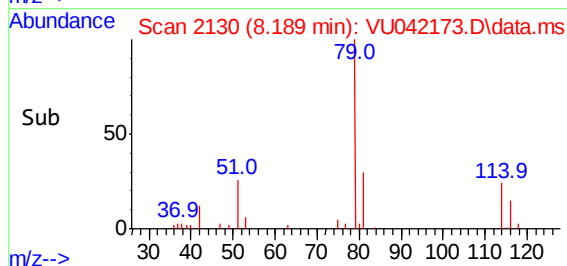
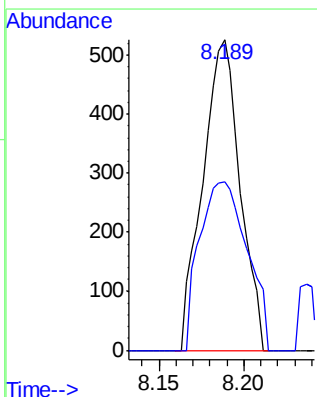
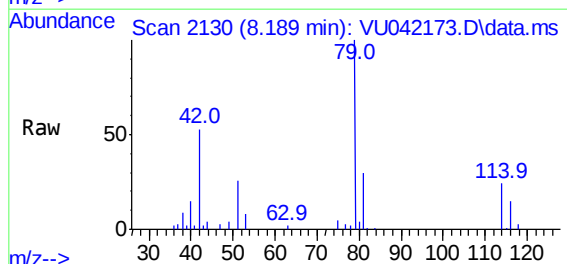
Acq: 22 Jan 2021 16:34

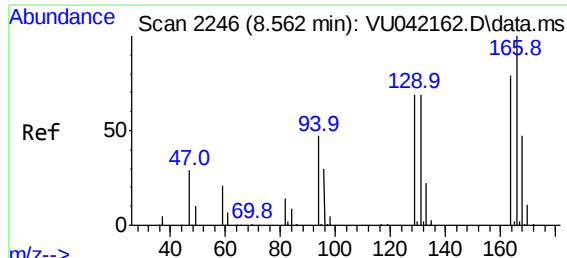
Tgt Ion: 75 Resp: 805

Ion Ratio Lower Upper

75 100

77 54.4 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.07 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU042173.D

Acq: 22 Jan 2021 16:34

Instrument :

MSVOA_U

ClientSampleId :

F1E15

Tgt Ion:164 Resp: 459

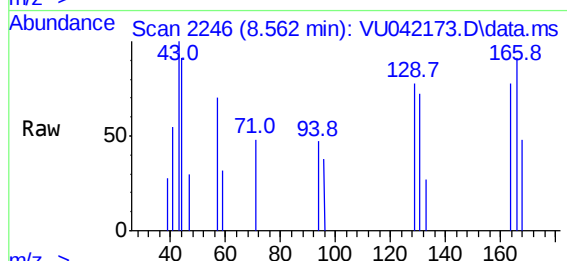
Ion Ratio Lower Upper

164 100

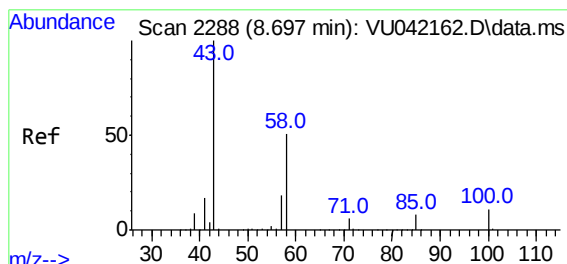
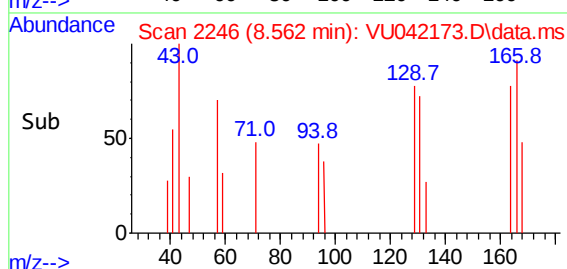
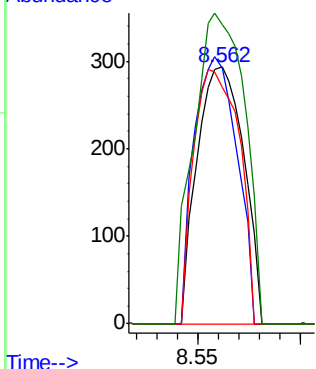
129 99.7 64.3 119.5

131 92.2 62.2 115.6

166 116.7 88.6 164.6



Abundance



#48

2-Hexanone

Concen: 2.05 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VU042173.D

Acq: 22 Jan 2021 16:34

Tgt Ion: 43 Resp: 9091

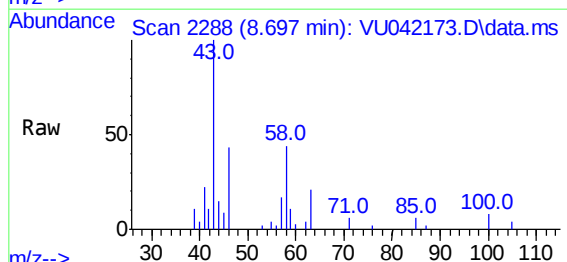
Ion Ratio Lower Upper

43 100

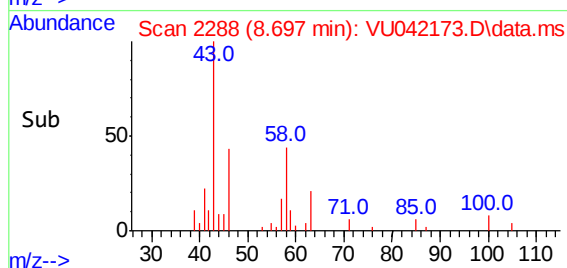
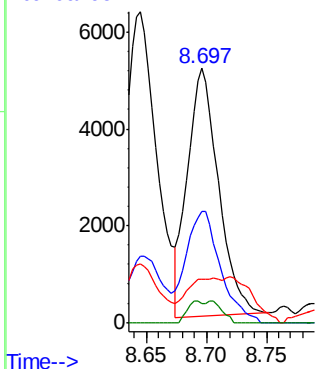
58 49.8 40.6 61.0

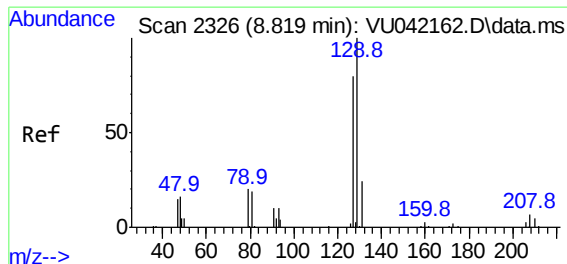
57 10.2 14.9 22.3#

100 5.1 8.6 12.8#



Abundance

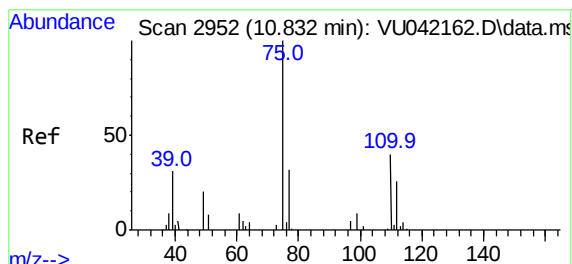
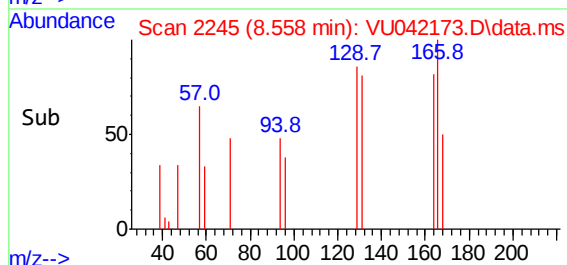
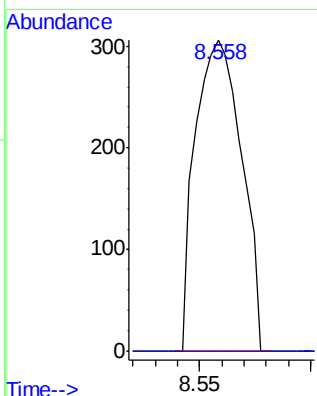
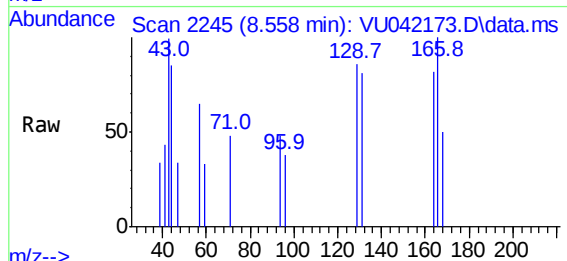




#49
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :
F1E15

Tgt Ion: 129 Resp: 442
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.21 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042173.D
Acq: 22 Jan 2021 16:34

Tgt Ion: 75 Resp: 6377
Ion Ratio Lower Upper
75 100
77 34.6 26.0 39.0

