

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042122.D
 Acq On : 20 Jan 2021 22:21
 Operator : SY/MD
 Sample : L1180-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E08

Quant Time: Jan 21 06:02:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

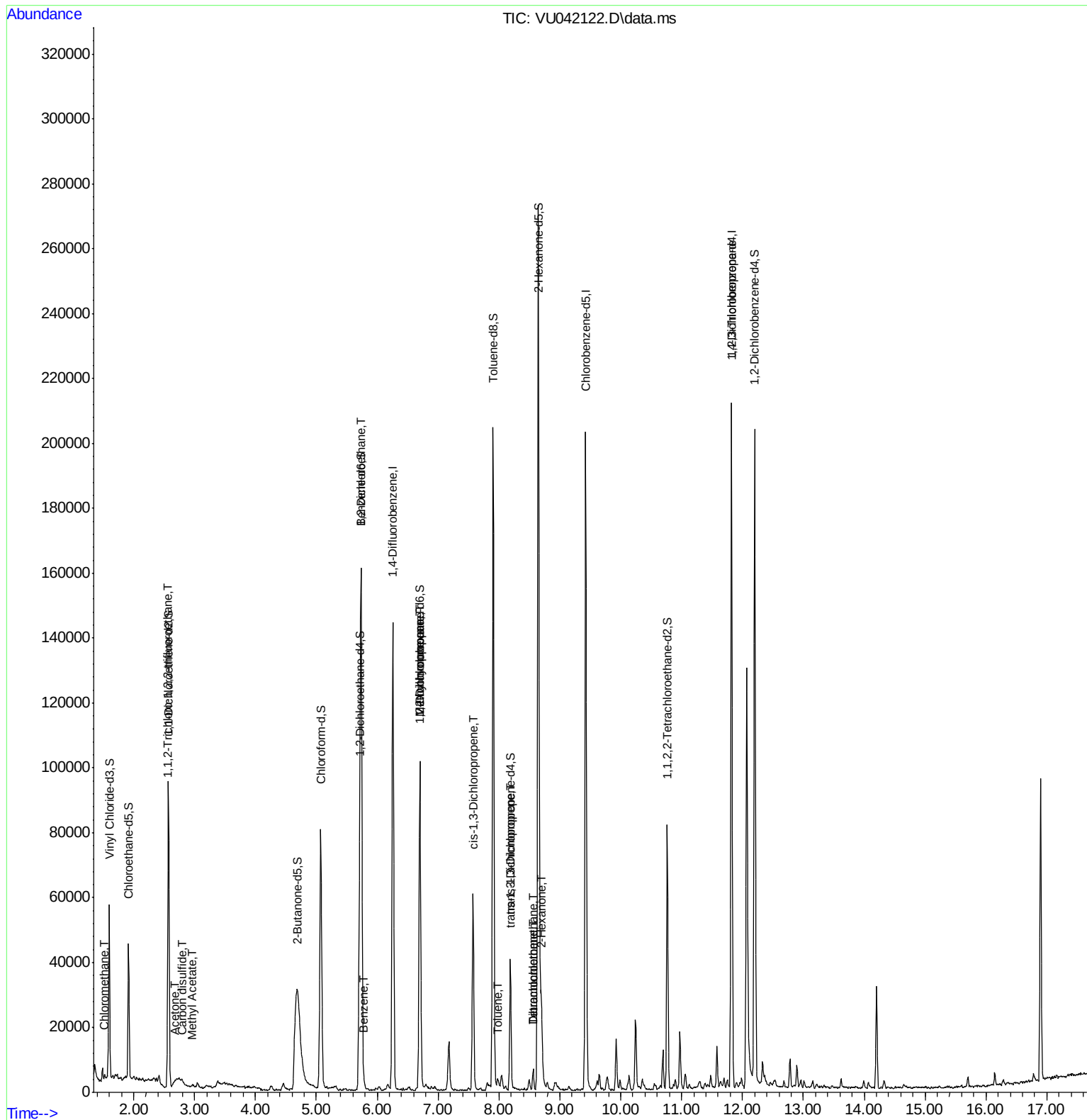
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	105359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	55425	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33497	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.916	69	27859	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.572	63	58155	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.684	46	125631	46.76	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	5.073	84	72124	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	44146	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.735	84	136953	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.700	67	45129	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	125854	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.189	79	20657	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.645	63	101279	51.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.42%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	38041	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	50591	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	914	0.10	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	383	0.05	ug/L #	18
13) Acetone	2.678	43	3005	1.68	ug/L #	47
14) Carbon disulfide	2.800	76	1131	0.04	ug/L #	75
15) Methyl Acetate	2.967	43	389	0.09	ug/L #	89
27) 1,2-Dichloroethane	5.735	62	866	0.08	ug/L #	75
33) Benzene	5.780	78	1091	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	11024	0.79	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	5117	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1544	0.11	ug/L #	53
42) Toluene	7.976	91	2061	0.06	ug/L	90
44) trans-1,3-Dichloropropene	8.182	75	954	0.08	ug/L #	79
47) Tetrachloroethene	8.562	164	932	0.13	ug/L	96
48) 2-Hexanone	8.697	43	18351	3.78	ug/L #	95
49) Dibromochloromethane	8.562	129	888	0.11	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6525	1.13	ug/L	100

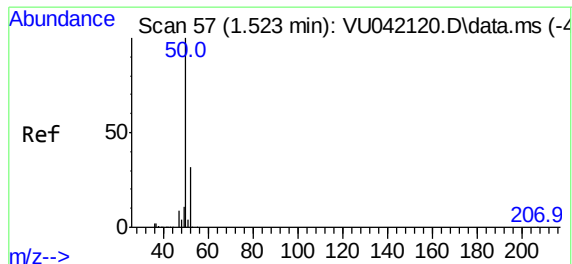
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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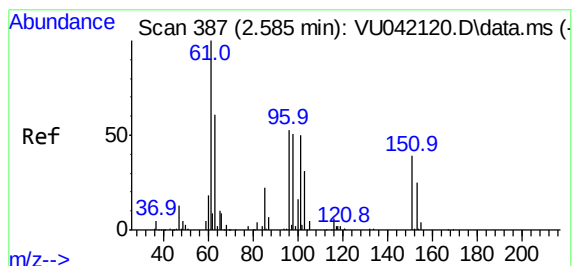
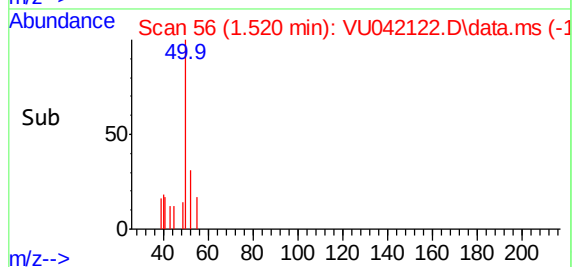
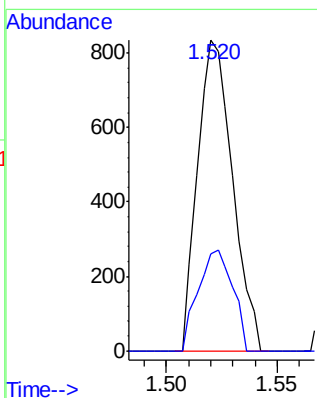
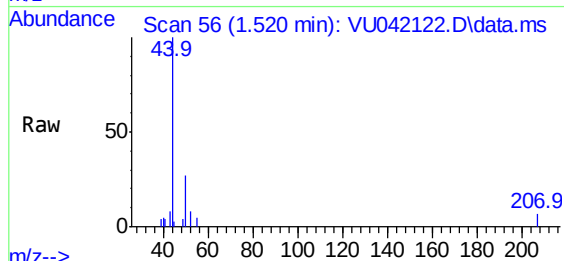




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

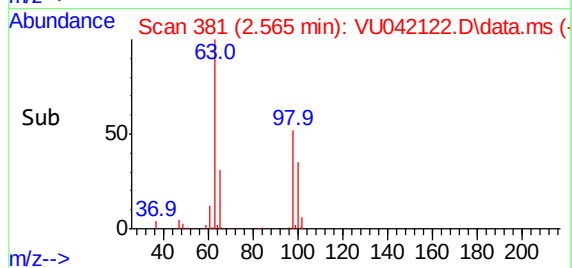
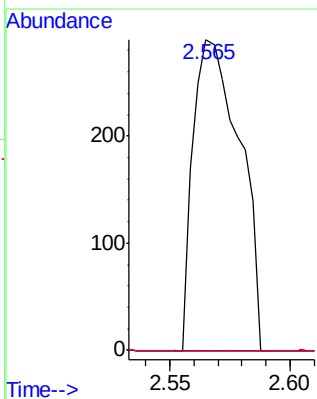
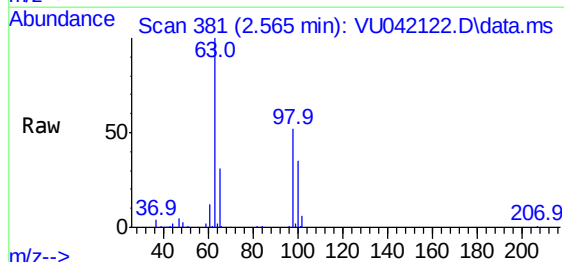
Instrument :
MSVOA_U
ClientSampleId :
F1E08

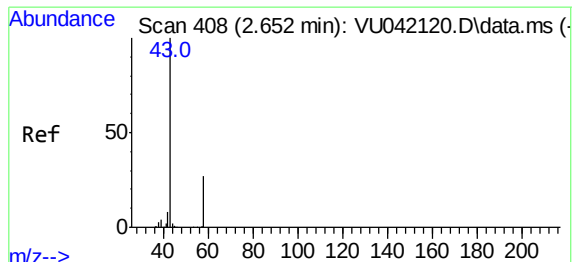
Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 31.1 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Tgt Ion: 101 Resp: 383
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

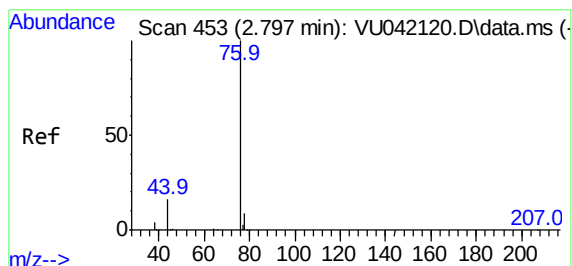
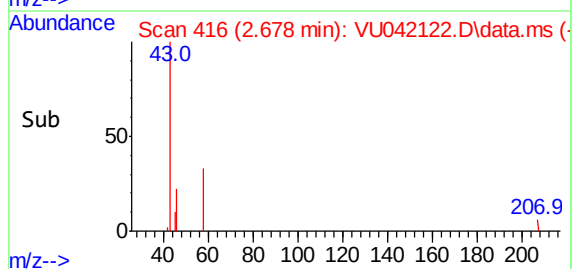
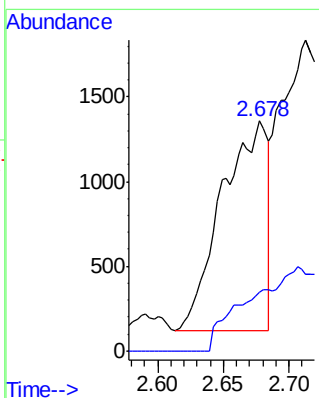
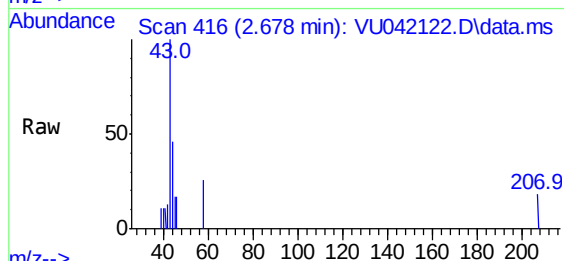




#13
Acetone
Concen: 1.68 ug/L
RT: 2.678 min Scan# 416
Delta R.T. 0.026 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

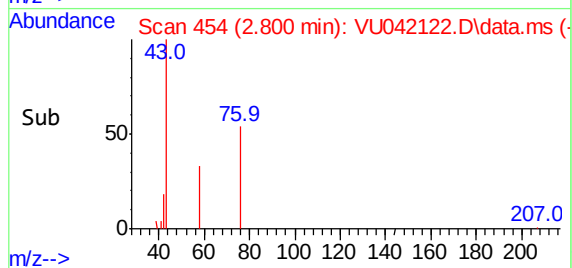
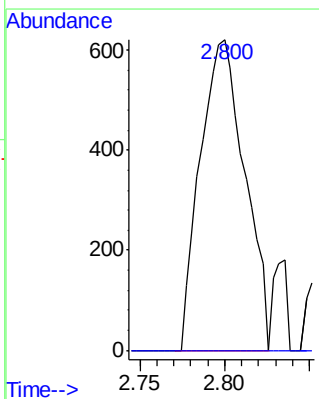
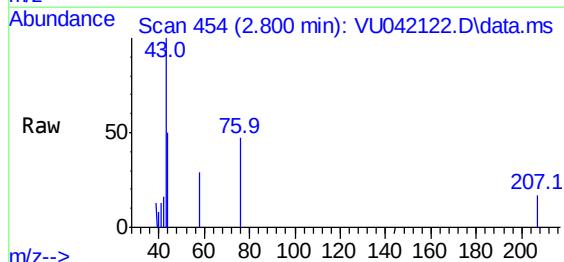
Instrument :
MSVOA_U
ClientSampled :
F1E08

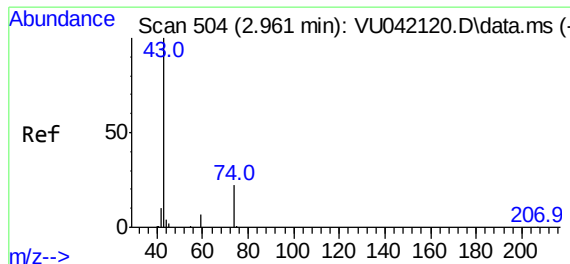
Tgt Ion: 43 Resp: 3005
Ion Ratio Lower Upper
43 100
58 0.0 0.0 55.8



#14
Carbon disulfide
Concen: 0.04 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Tgt Ion: 76 Resp: 1131
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

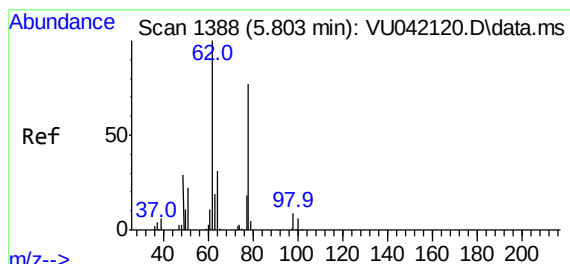
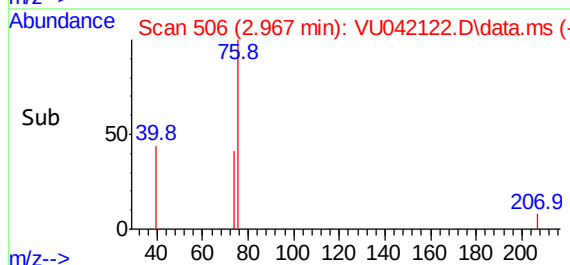
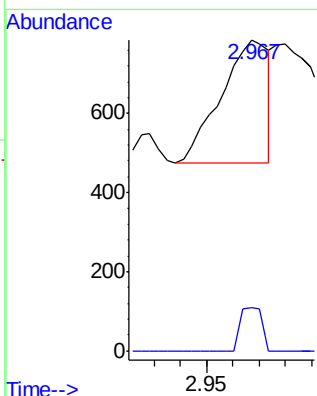
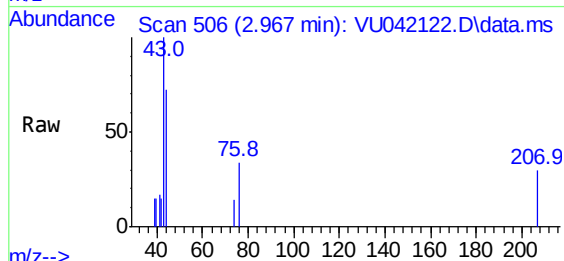




#15
Methyl Acetate
Concen: 0.09 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

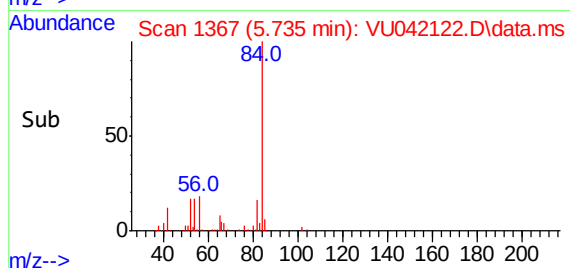
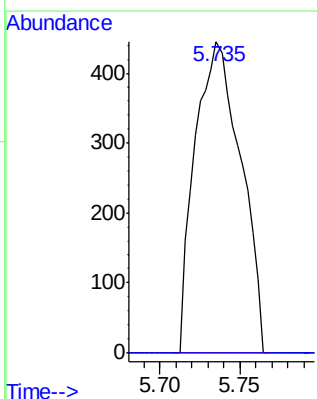
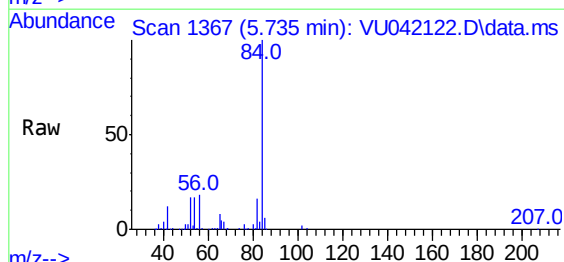
Instrument :
MSVOA_U
ClientSampleId :
F1E08

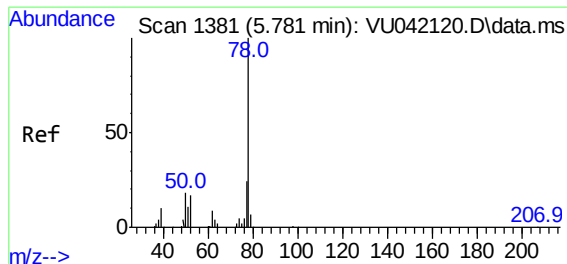
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
74 15.9 16.9 25.3#



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Tgt Ion: 62 Resp: 866
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

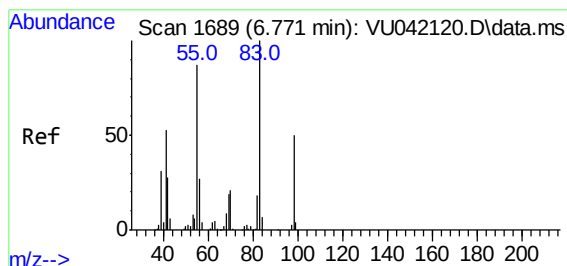
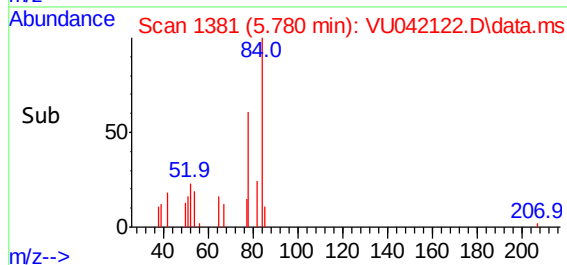
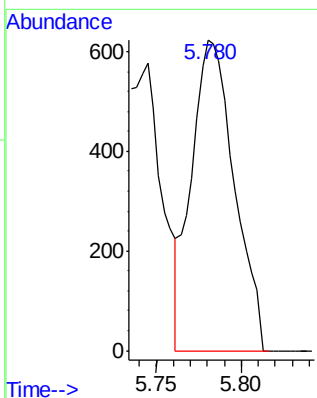
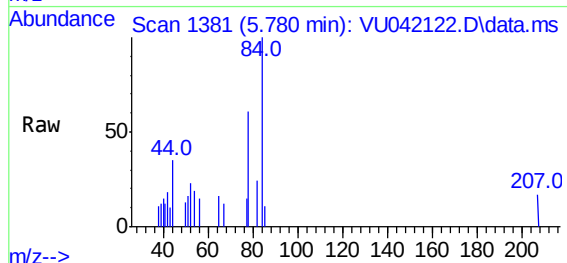




#33
Benzene
Concen: 0.04 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Instrument :
MSVOA_U
ClientSampleId :
F1E08

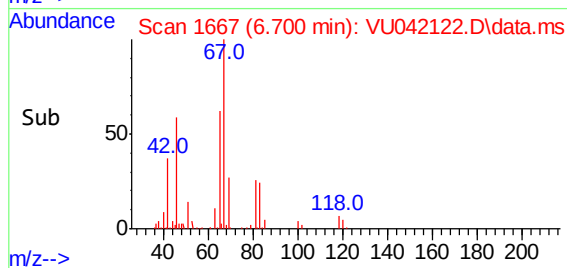
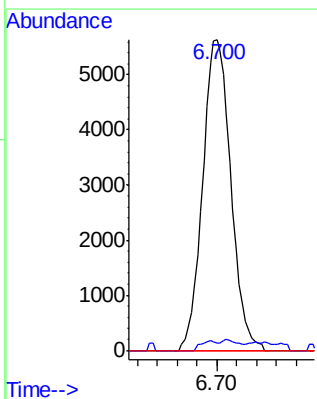
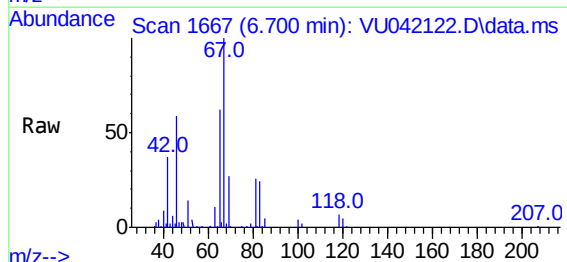
Tgt Ion: 78 Resp: 1091

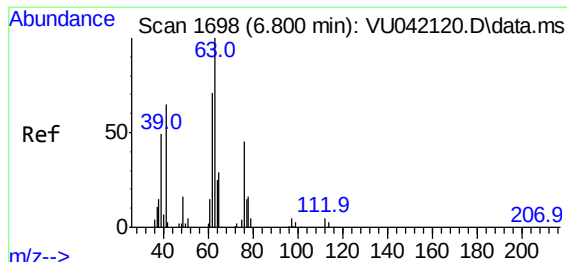


#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Tgt Ion: 83 Resp: 11024

Ion	Ratio	Lower	Upper
83	100		
55	1.7	68.2	102.4#
98	0.0	39.7	59.5#

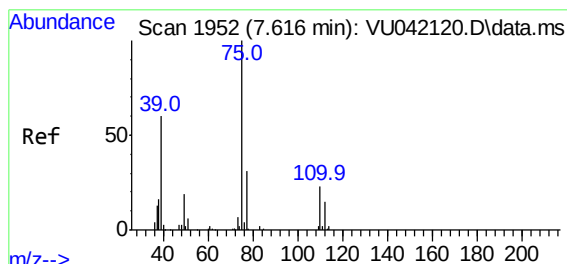
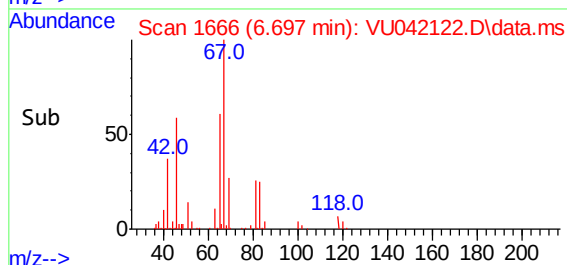
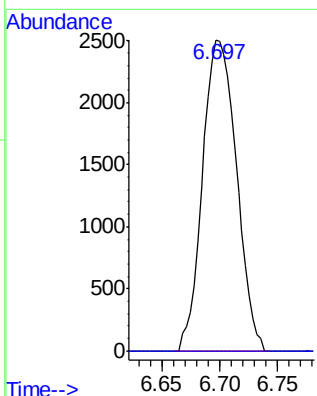
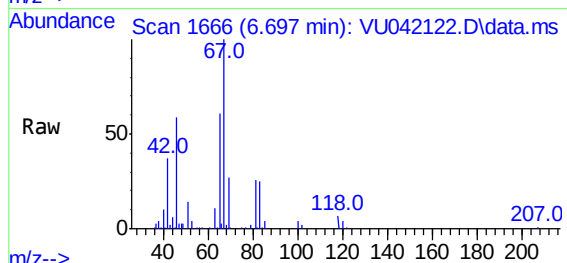




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

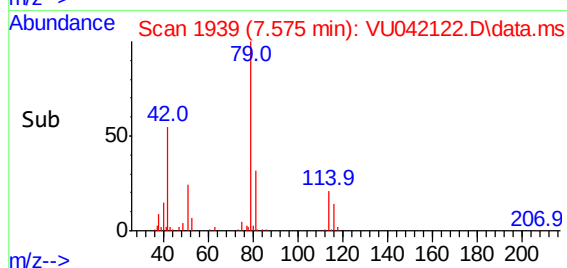
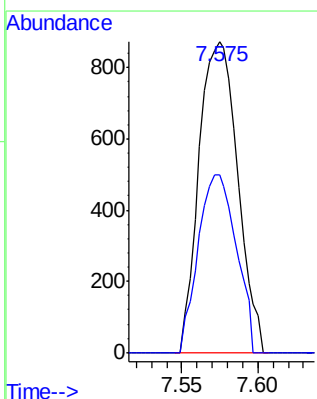
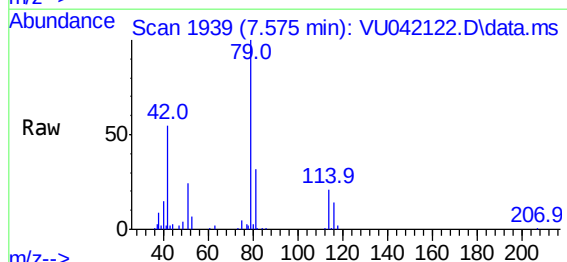
Instrument :
MSVOA_U
ClientSampleId :
F1E08

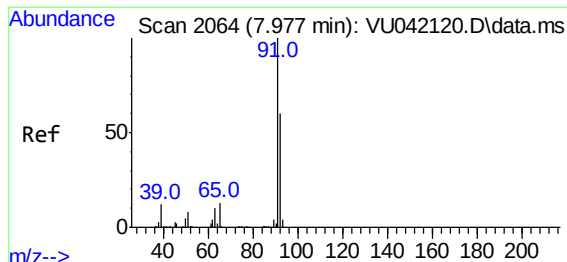
Tgt Ion: 63 Resp: 5117
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Tgt Ion: 75 Resp: 1544
Ion Ratio Lower Upper
75 100
77 57.3 22.0 40.8#





#42

Toluene

Concen: 0.06 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042122.D

Acq: 20 Jan 2021 22:21

Instrument :

MSVOA_U

ClientSampleId :

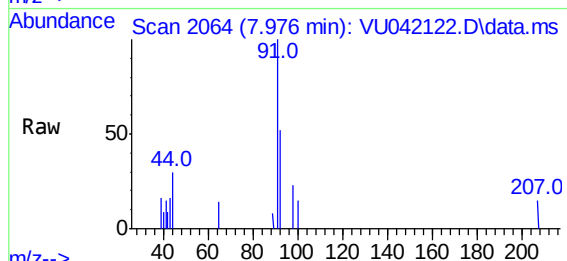
F1E08

Tgt Ion: 91 Resp: 2061

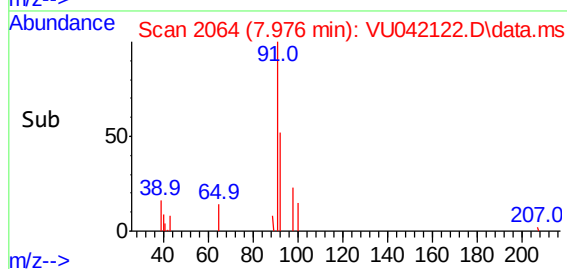
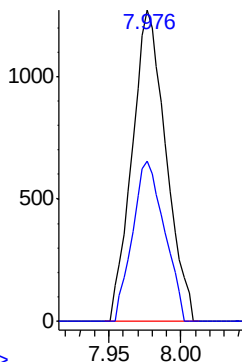
Ion Ratio Lower Upper

91 100

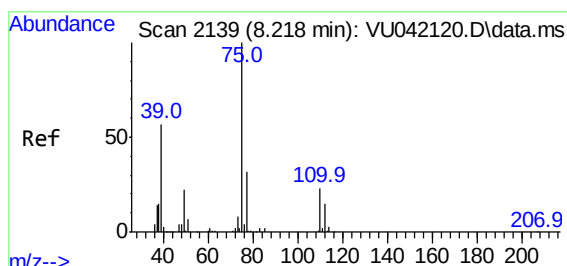
92 51.6 41.2 76.6



Abundance



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.08 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.035 min

Lab File: VU042122.D

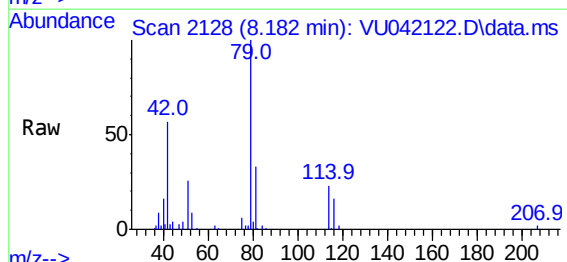
Acq: 20 Jan 2021 22:21

Tgt Ion: 75 Resp: 954

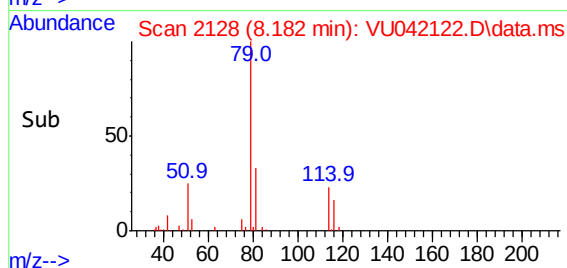
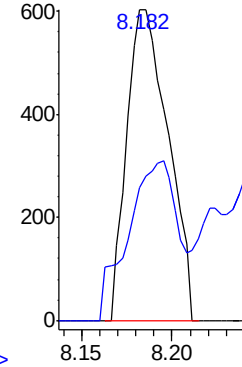
Ion Ratio Lower Upper

75 100

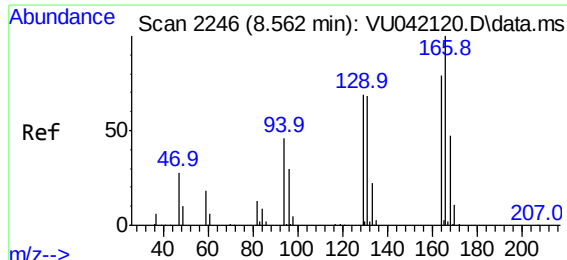
77 42.8 21.8 40.4#



Abundance



Time-->



#47

Tetrachloroethene

Concen: 0.13 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU042122.D

Acq: 20 Jan 2021 22:21

Instrument :

MSVOA_U

ClientSampleId :

F1E08

Tgt Ion:164 Resp: 932

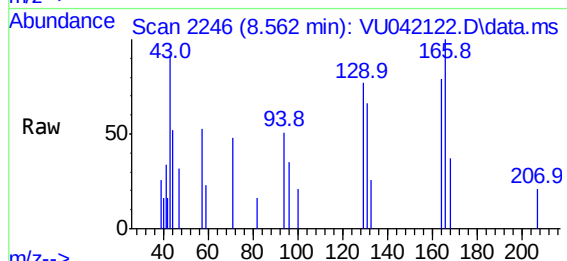
Ion Ratio Lower Upper

164 100

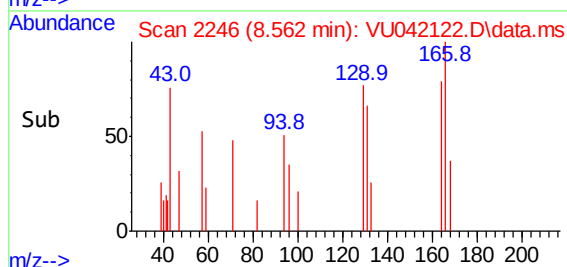
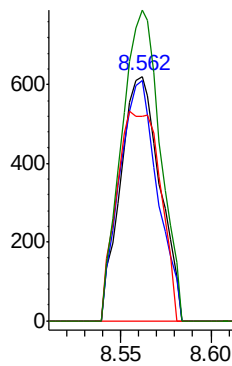
129 98.6 64.3 119.5

131 83.7 62.2 115.6

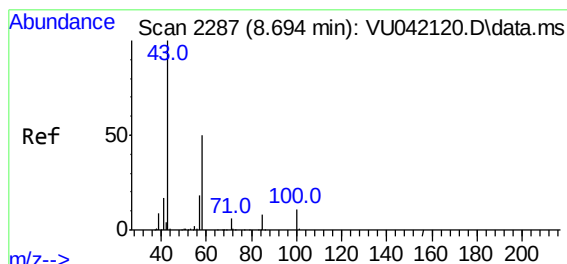
166 127.2 88.6 164.6



Abundance



Time-->



#48

2-Hexanone

Concen: 3.78 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. 0.003 min

Lab File: VU042122.D

Acq: 20 Jan 2021 22:21

Tgt Ion: 43 Resp: 18351

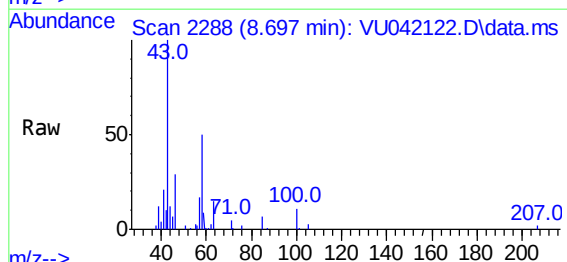
Ion Ratio Lower Upper

43 100

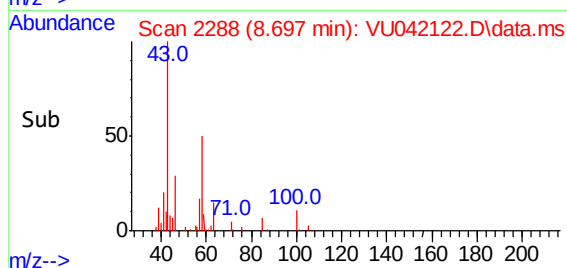
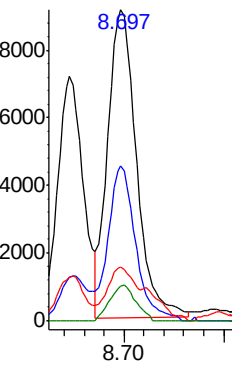
58 48.1 40.6 61.0

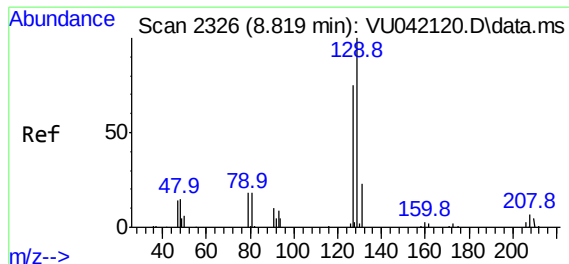
57 23.7 14.9 22.3#

100 10.2 8.6 12.8



Abundance

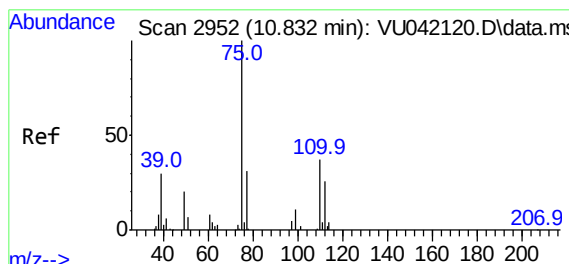
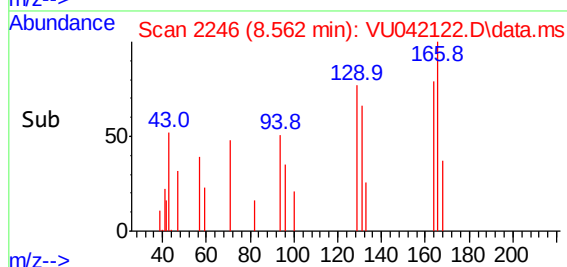
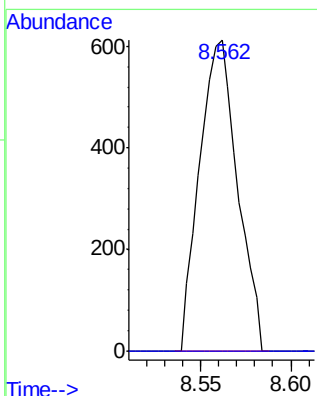
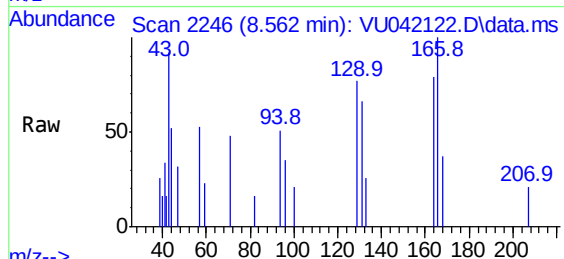




#49
Dibromochloromethane
Concen: 0.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Instrument :
MSVOA_U
ClientSampleId :
F1E08

Tgt Ion:129 Resp: 888
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.13 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042122.D
Acq: 20 Jan 2021 22:21

Tgt Ion: 75 Resp: 6525
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0

