

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
 Data File : VU044409.D
 Acq On : 10 Aug 2021 13:36
 Operator : SY/MD
 Sample : M3344-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 01:09:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 11 01:08:01 2021
 Response via : Initial Calibration

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

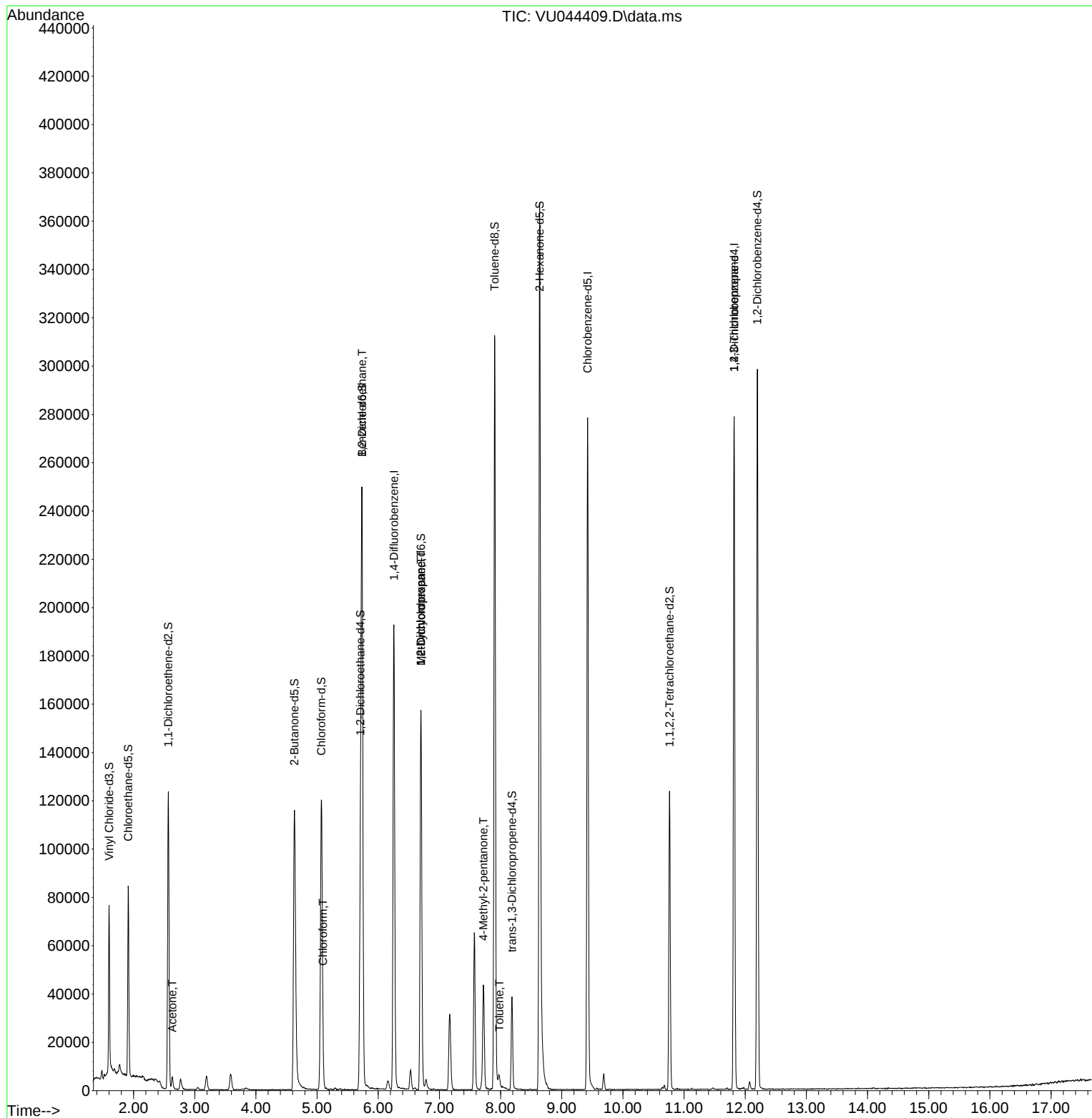
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	163135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	162497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	47546	3.488	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.912	69	59199	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.568	65	22941	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.629	46	161059	39.848	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.700%
24) Chloroform-d	5.070	84	112174	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.710	65	64273	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.735	84	236549	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.697	67	73939	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.902	98	212096	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.185	79	22030	3.576	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.639	63	142122	38.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	62988	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	80206	5.514	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						Qvalue
13) Acetone	2.633	43	5963	3.098	ug/L	99
25) Chloroform	5.096	83	3744	0.176	ug/L	86
27) 1,2-Dichloroethane	5.735	62	1097	0.079	ug/L #	74
35) Methylcyclohexane	6.697	83	18265	0.846	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	8089	0.642	ug/L #	88
40) 4-Methyl-2-pentanone	7.719	43	18695	2.114	ug/L #	42
42) Toluene	7.980	91	3106	0.060	ug/L	99
61) 1,2,3-Trichloropropane	11.819	75	8903	1.099	ug/L #	67

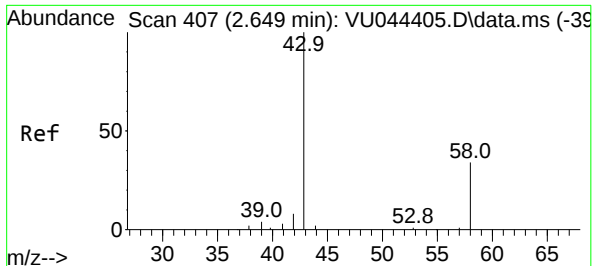
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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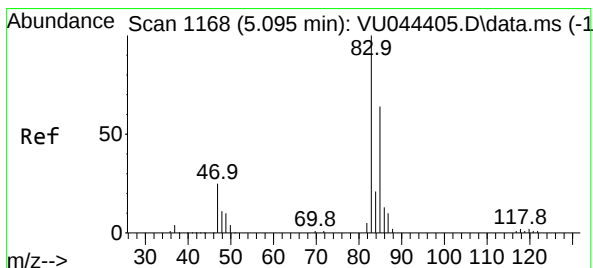
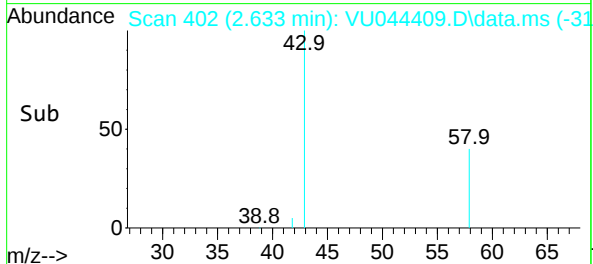
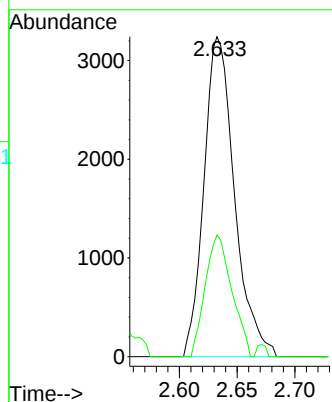
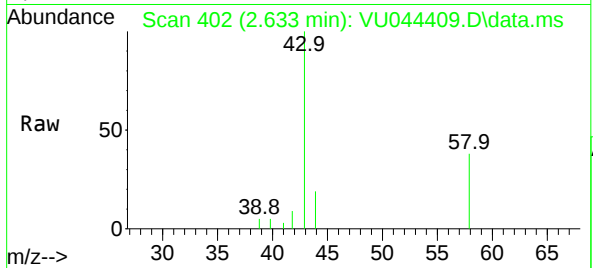




#13
Acetone
Concen: 3.098 ug/L
RT: 2.633 min Scan# 402
Delta R.T. -0.016 min
Lab File: VU044409.D
Acq: 10 Aug 2021 13:36

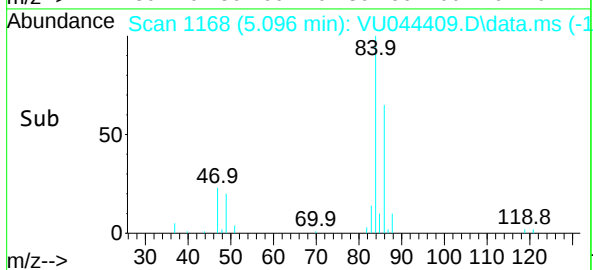
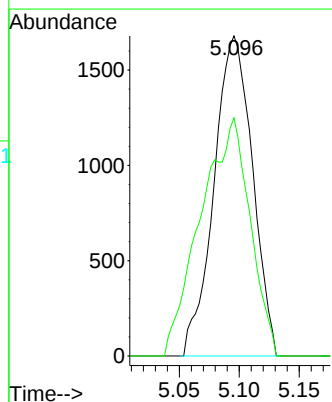
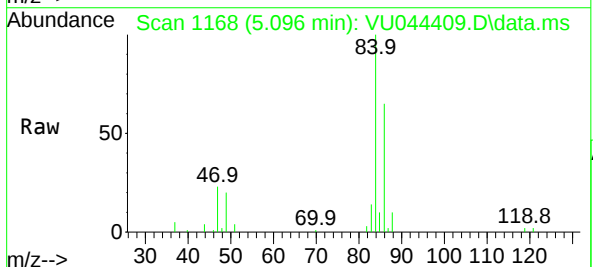
Instrument :
MSVOA_U
ClientSampled :

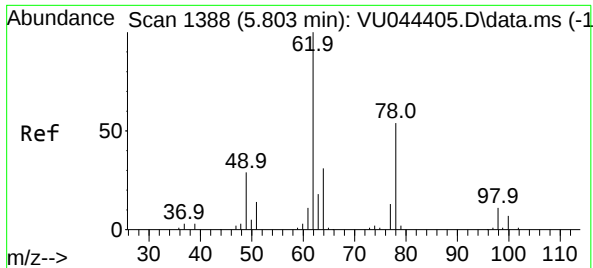
Tgt Ion: 43 Resp: 5963
Ion Ratio Lower Upper
43 100
58 33.1 0.0 67.2



#25
Chloroform
Concen: 0.176 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044409.D
Acq: 10 Aug 2021 13:36

Tgt Ion: 83 Resp: 3744
Ion Ratio Lower Upper
83 100
85 74.4 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.735 min Scan# 1367

Delta R.T. -0.067 min

Lab File: VU044409.D

Acq: 10 Aug 2021 13:36

Tgt Ion: 62 Resp: 1097

Ion Ratio Lower Upper

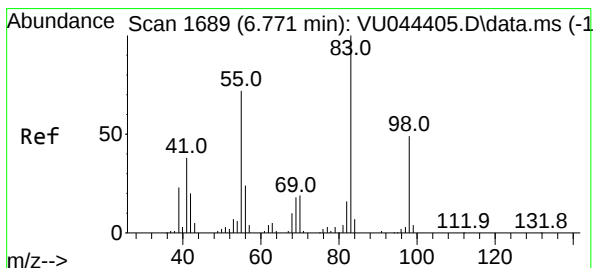
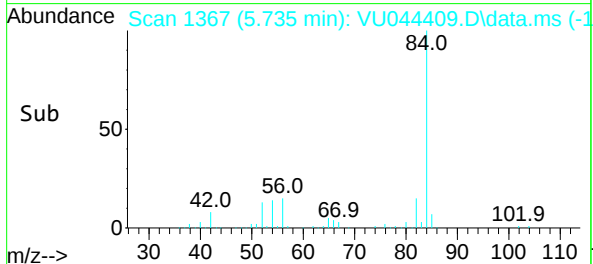
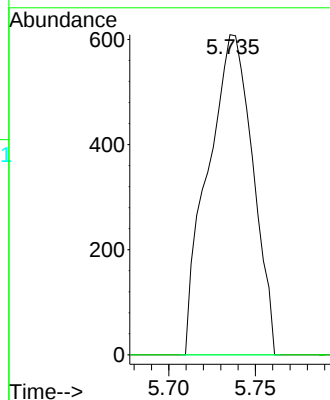
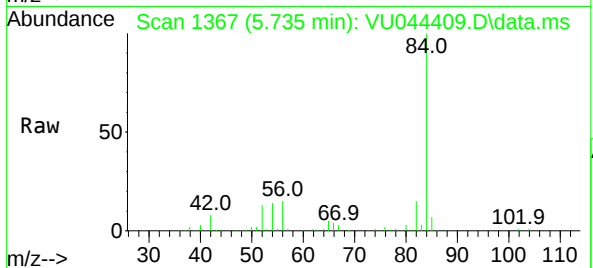
62 100

98 0.0 7.8 11.6#

Instrument :

MSVOA_U

ClientSampled :



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.074 min

Lab File: VU044409.D

Acq: 10 Aug 2021 13:36

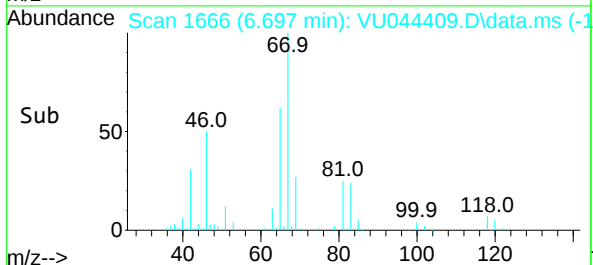
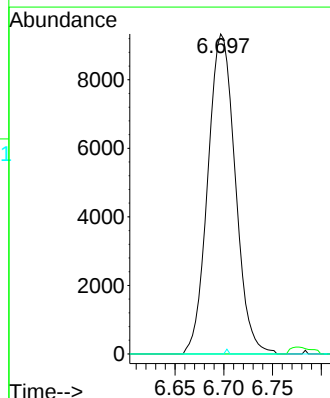
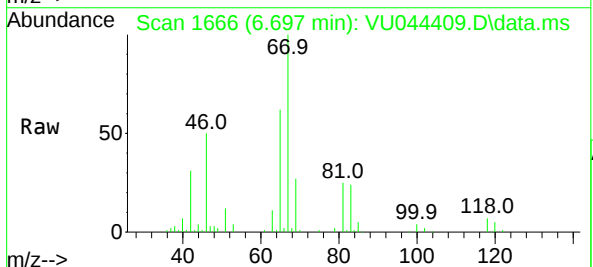
Tgt Ion: 83 Resp: 18265

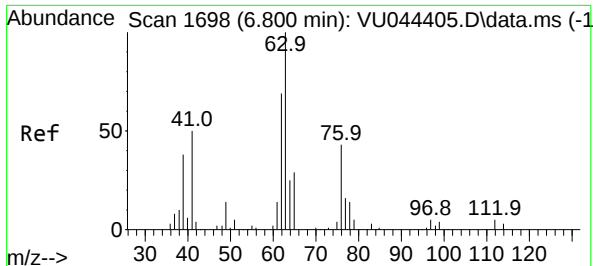
Ion Ratio Lower Upper

83 100

55 1.6 61.4 92.0#

98 0.1 38.2 57.2#



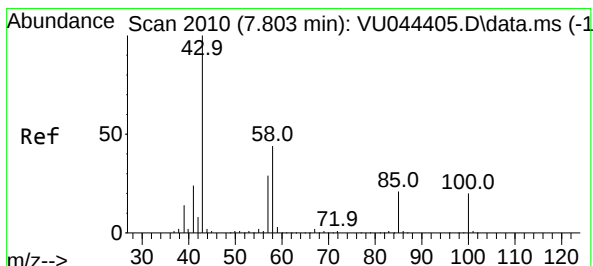
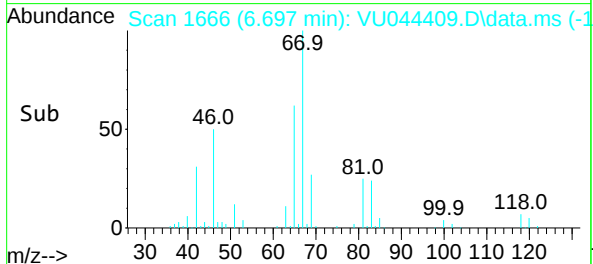
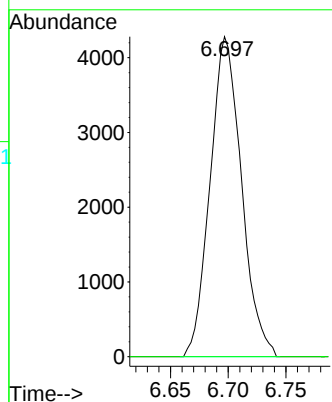
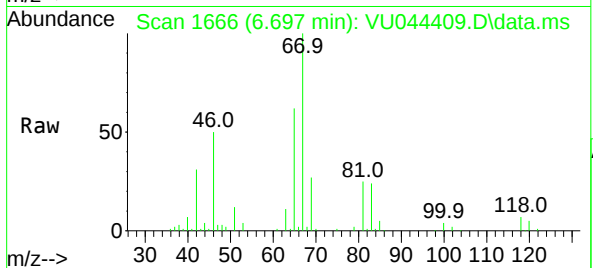


#37

1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044409.D
Acq: 10 Aug 2021 13:36

Instrument :
MSVOA_U
ClientSampled :

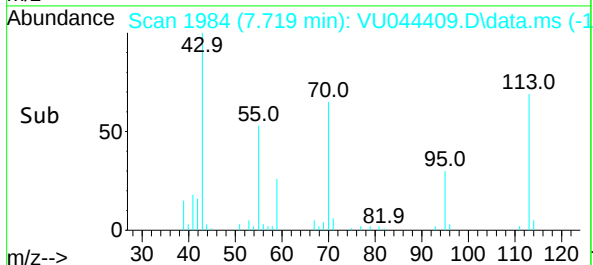
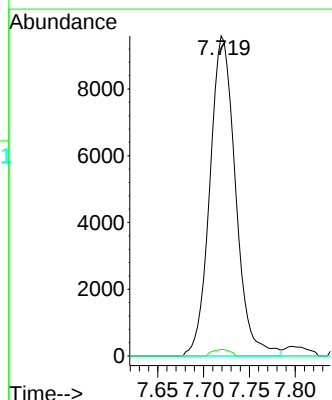
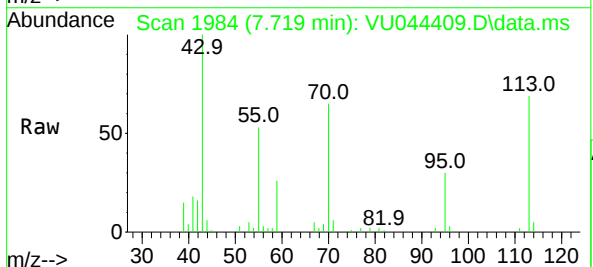
Tgt Ion: 63 Resp: 8089
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

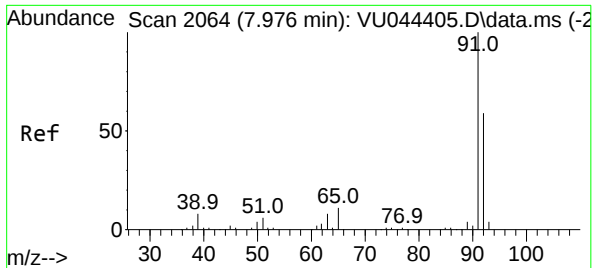


#40

4-Methyl-2-pentanone
Concen: 2.114 ug/L
RT: 7.719 min Scan# 1984
Delta R.T. -0.084 min
Lab File: VU044409.D
Acq: 10 Aug 2021 13:36

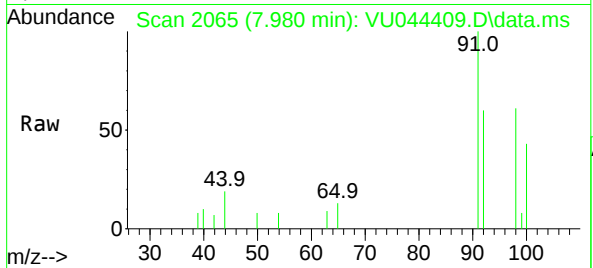
Tgt Ion: 43 Resp: 18695
Ion Ratio Lower Upper
43 100
58 1.4 34.6 52.0#
100 0.0 13.9 20.9#



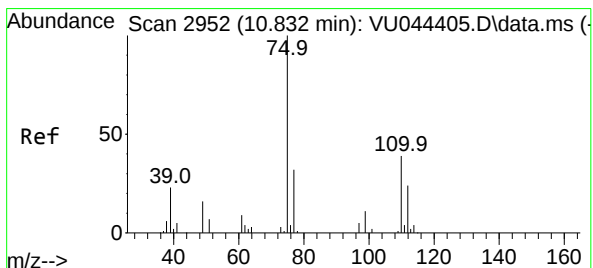
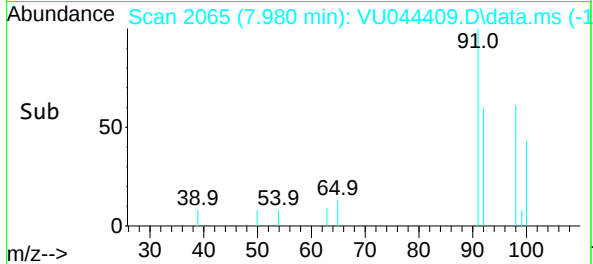
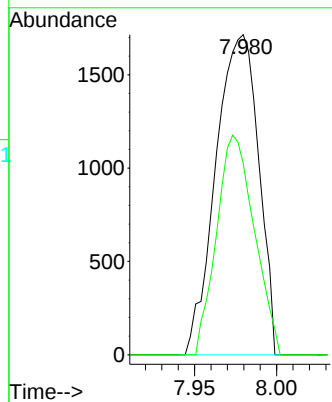


#42
Toluene
Concen: 0.060 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU044409.D
Acq: 10 Aug 2021 13:36

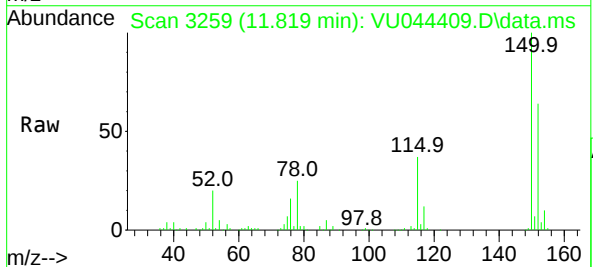
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 91 Resp: 3106
Ion Ratio Lower Upper
91 100
92 59.8 41.3 76.7



#61
1,2,3-Trichloropropane
Concen: 1.099 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU044409.D
Acq: 10 Aug 2021 13:36



Tgt Ion: 75 Resp: 8903
Ion Ratio Lower Upper
75 100
110 1.5 30.2 45.2#
77 31.9 26.2 39.2

