

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044768.D
 Acq On : 22 Sep 2021 19:04
 Operator : SY/MD
 Sample : M3814-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 23 03:06:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
 Response via : Initial Calibration

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

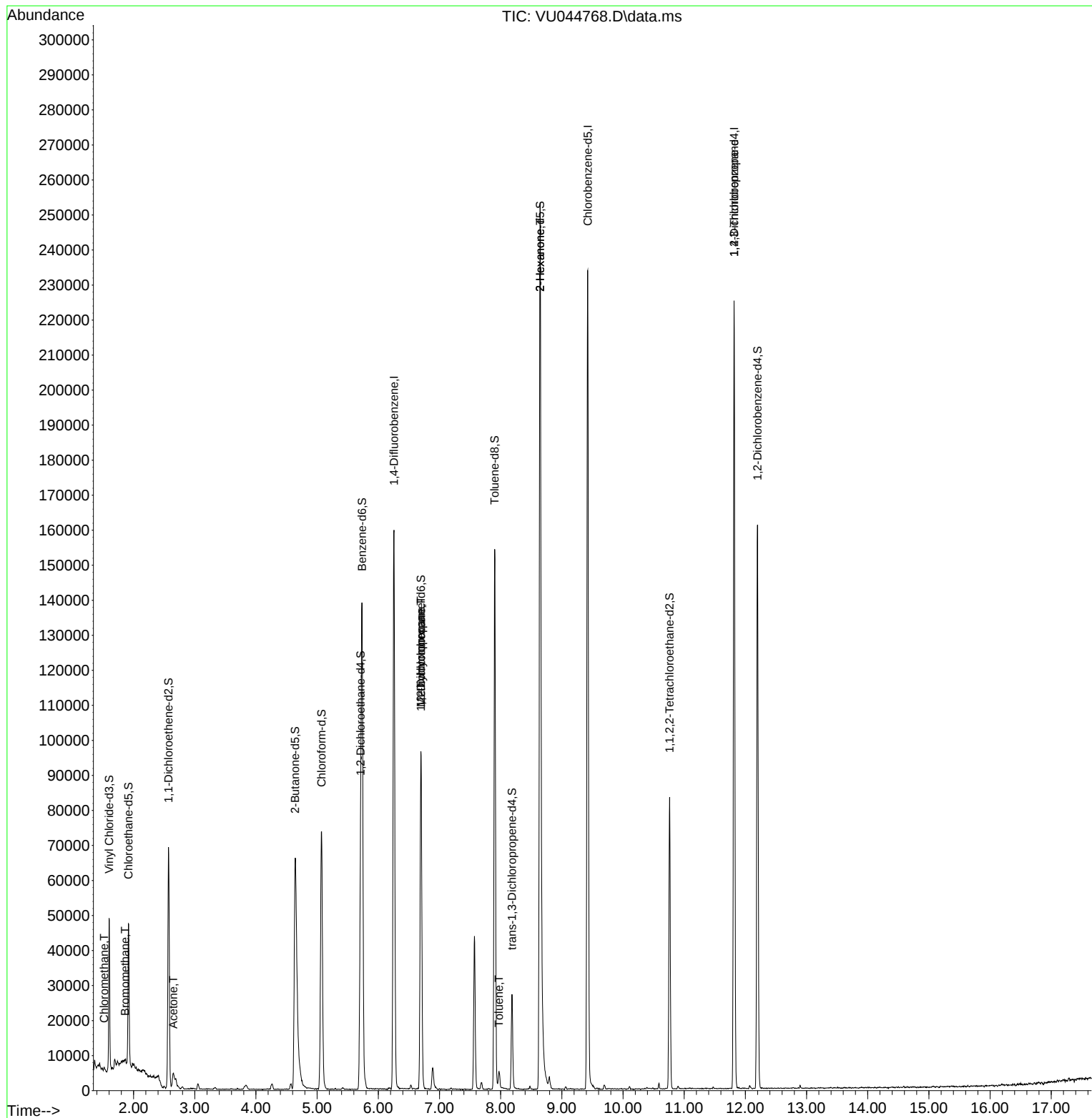
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	121452	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	125960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	54868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29385	4.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.916	69	29123	3.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.572	65	13203	3.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.642	46	132093	43.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.940%
24) Chloroform-d	5.073	84	67638	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.710	65	41144	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.735	84	122330	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.697	67	44059	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.903	98	96830	3.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.186	79	14661	3.943	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.645	63	99774	41.753	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40232	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	39456	4.358	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
3) Chloromethane	1.520	50	980	0.084	ug/L	97
6) Bromomethane	1.861	94	395	0.065	ug/L #	61
13) Acetone	2.649	43	9036	4.618	ug/L	86
35) Methylcyclohexane	6.697	83	10107	0.665	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5208	0.520	ug/L #	88
42) Toluene	7.973	91	3755	0.096	ug/L	93
48) 2-Hexanone	8.645	43	13251	2.283	ug/L #	68
61) 1,2,3-Trichloropropane	11.816	75	7612	1.256	ug/L #	68

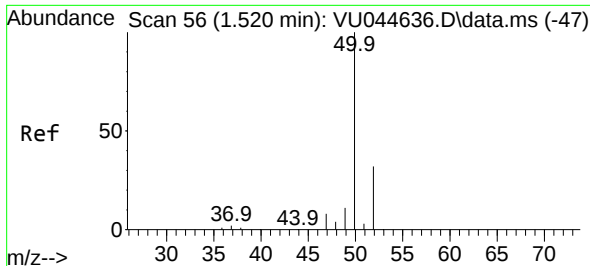
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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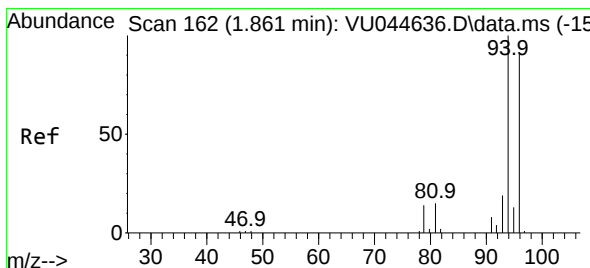
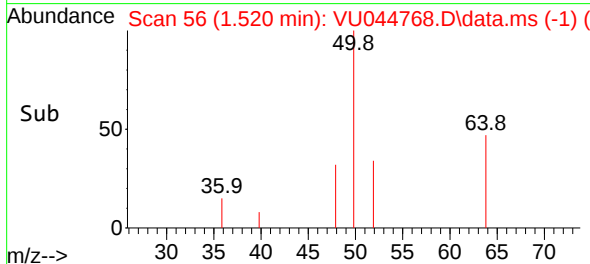
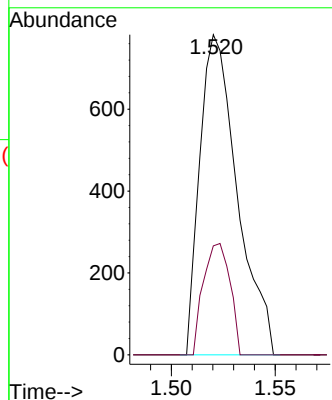
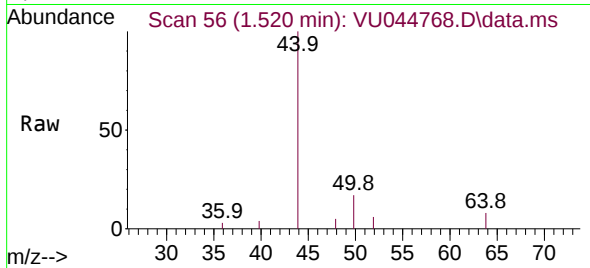




#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

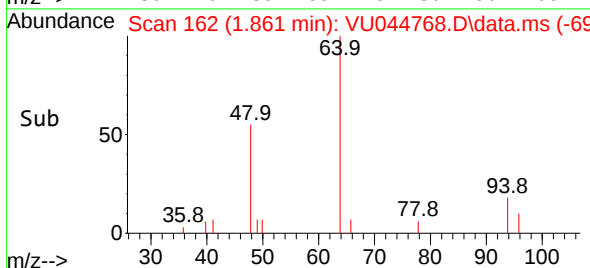
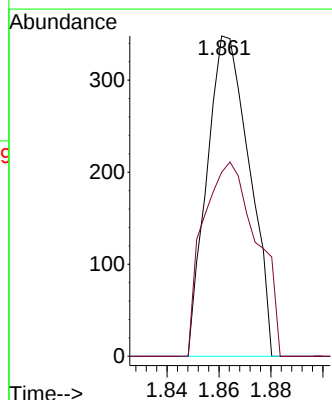
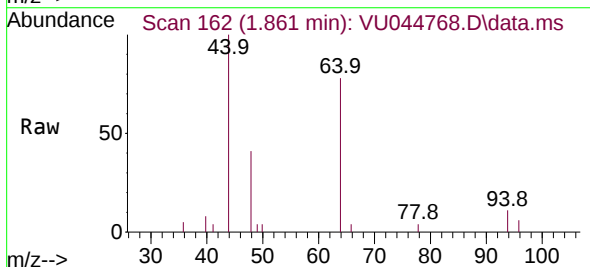
Instrument :
MSVOA_U
ClientSampled :

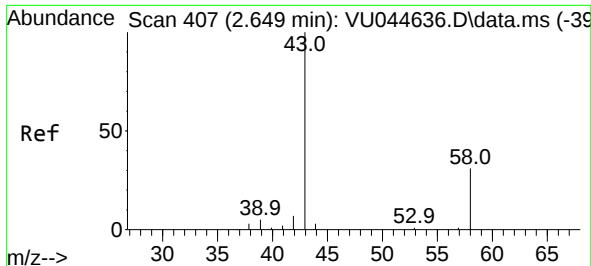
Tgt Ion: 50 Resp: 980
Ion Ratio Lower Upper
50 100
52 34.0 22.6 42.0



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 57.5 66.4 123.4#

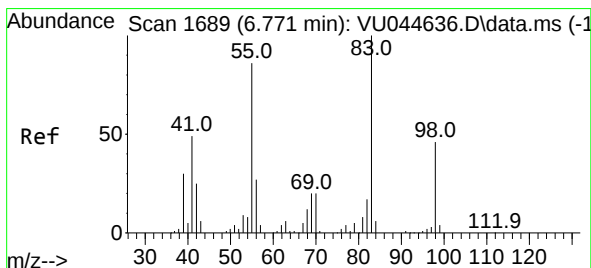
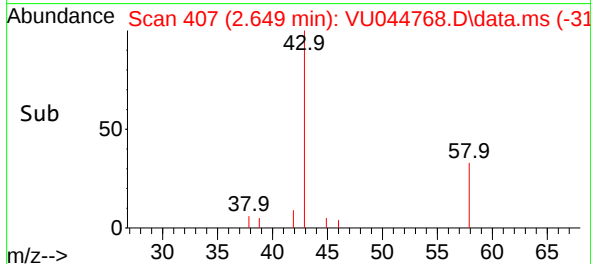
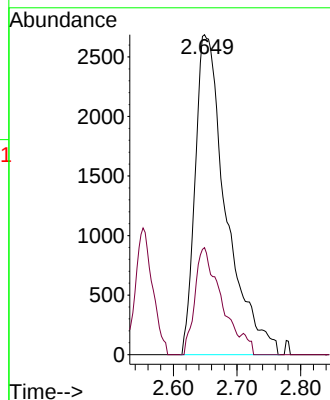
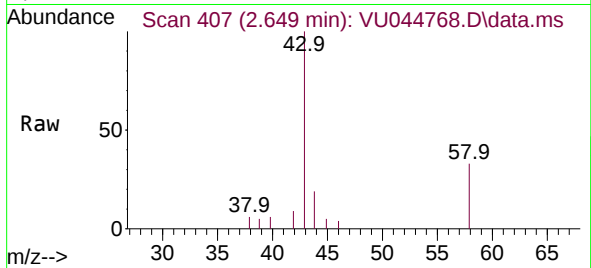




#13
Acetone
Concen: 4.618 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

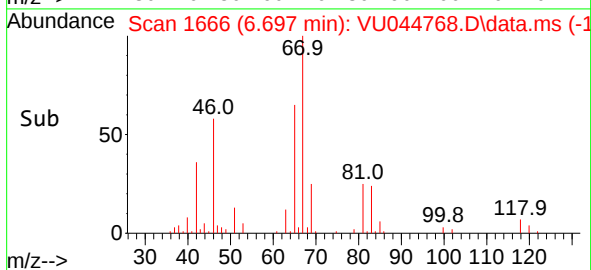
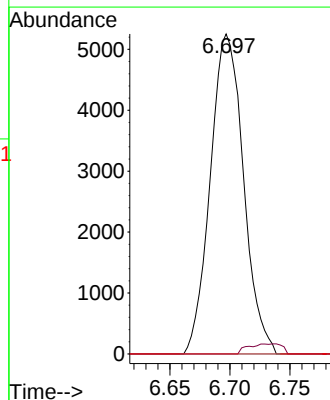
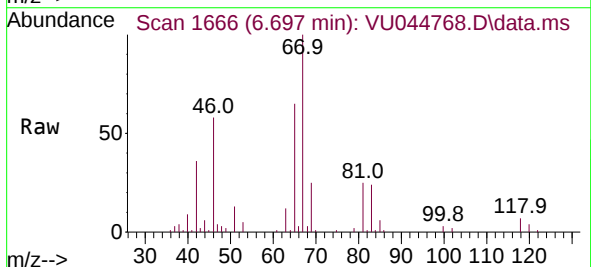
Instrument :
MSVOA_U
ClientSampled :

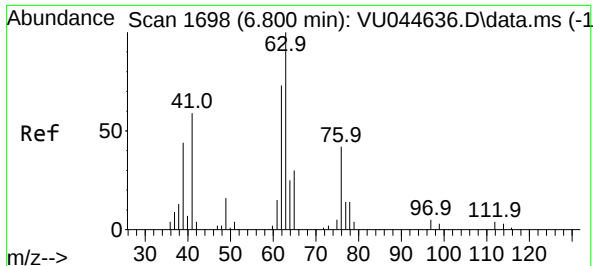
Tgt Ion: 43 Resp: 9036
Ion Ratio Lower Upper
43 100
58 27.6 0.0 42.4



#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

Tgt Ion: 83 Resp: 10107
Ion Ratio Lower Upper
83 100
55 2.1 68.3 102.5#
98 0.0 37.3 55.9#



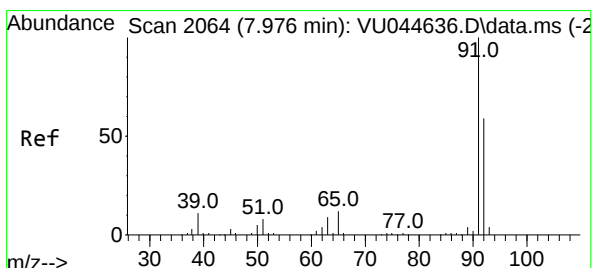
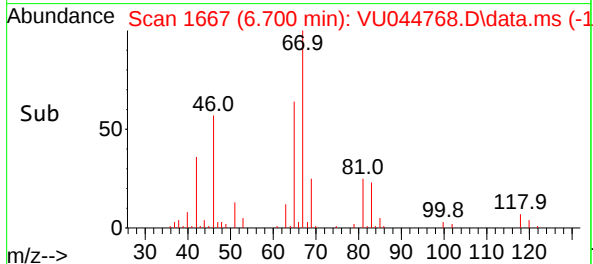
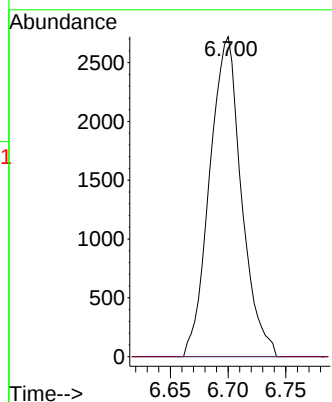
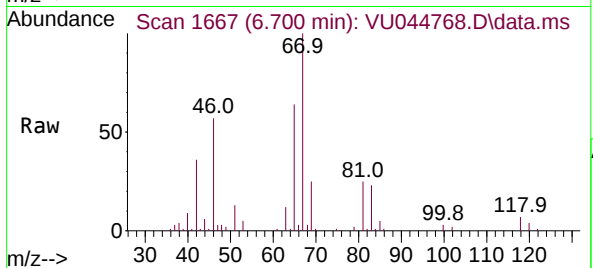


#37

1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

Instrument :
MSVOA_U
ClientSampled :

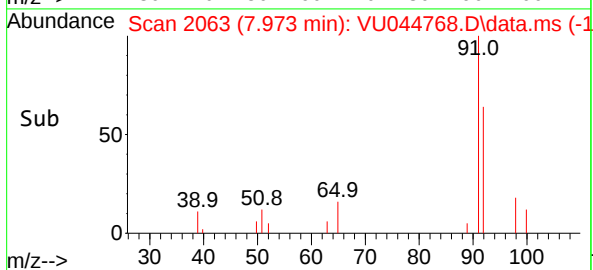
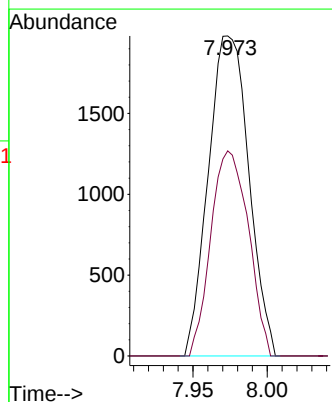
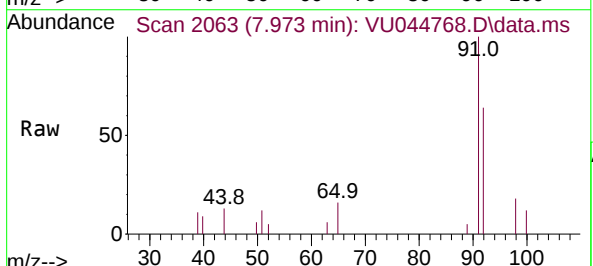
Tgt Ion: 63 Resp: 5208
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

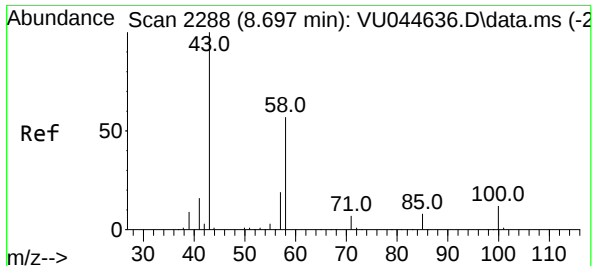


#42

Toluene
Concen: 0.096 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

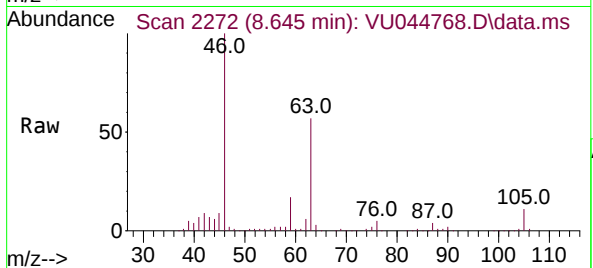
Tgt Ion: 91 Resp: 3755
Ion Ratio Lower Upper
91 100
92 64.1 41.1 76.3



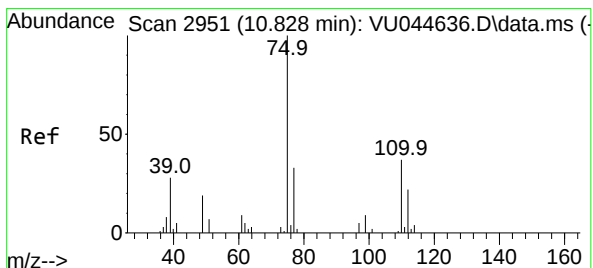
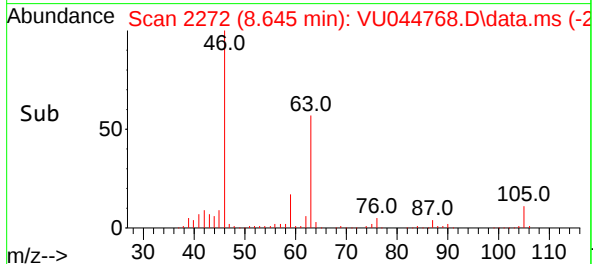
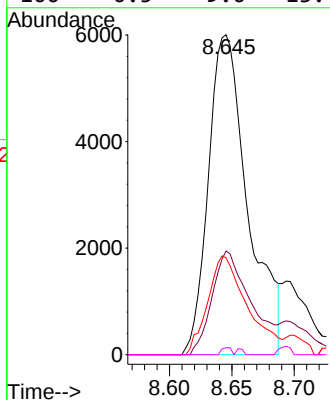


#48
2-Hexanone
Concen: 2.283 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	43	Resp:	13251
Ion Ratio	100	Lower	Upper
58	31.3	44.6	66.8#
57	31.1	14.8	22.2#
100	0.5	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 1.256 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044768.D
Acq: 22 Sep 2021 19:04

Tgt Ion:	75	Resp:	7612
Ion Ratio	100	Lower	Upper
110	1.7	28.8	43.2#
77	34.1	25.9	38.9

