

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044650.D
 Acq On : 15 Sep 2021 18:22
 Operator : SY/MD
 Sample : M3739-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 01:45:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

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

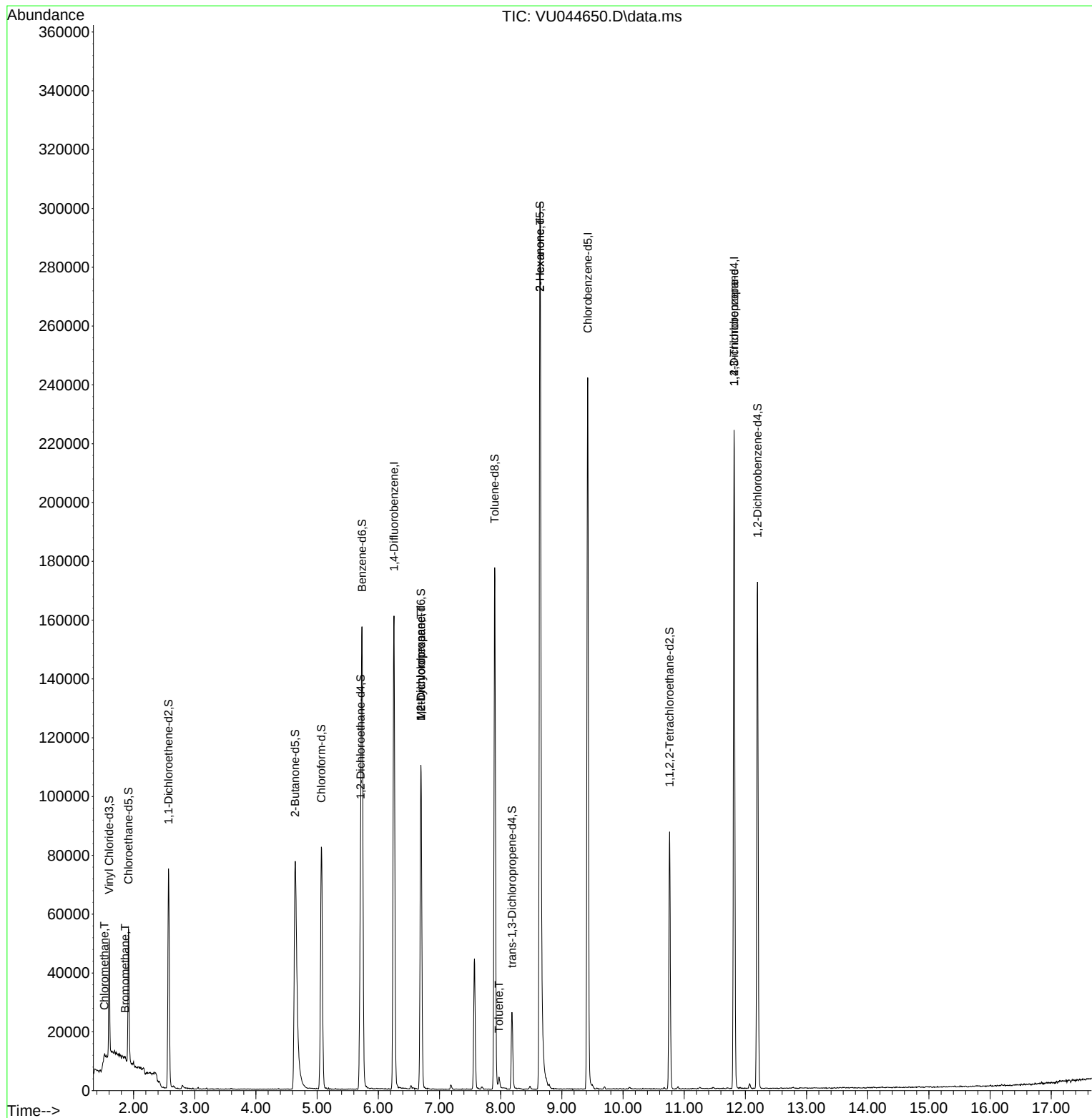
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	124119	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	126441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	54932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27051	3.694	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.916	69	32390	4.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.572	65	14491	3.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.642	46	158389	51.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.180%
24) Chloroform-d	5.070	84	74648	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.710	65	44200	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.735	84	139964	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.697	67	50246	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.903	98	110642	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.186	79	14664	3.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.642	63	116872	48.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44090	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	41947	4.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	966	0.081	ug/L	97
6) Bromomethane	1.861	94	481	0.077	ug/L	94
35) Methylcyclohexane	6.697	83	11096	0.727	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	5433	0.540	ug/L #	88
42) Toluene	7.973	91	2575	0.066	ug/L	98
48) 2-Hexanone	8.645	43	17454	2.996	ug/L #	65
61) 1,2,3-Trichloropropane	11.816	75	8039	1.325	ug/L #	65

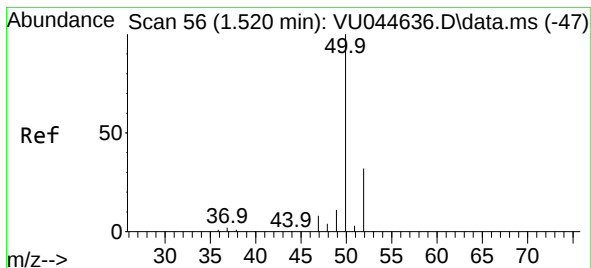
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.523 min Scan# 57

Delta R.T. 0.003 min

Lab File: VU044650.D

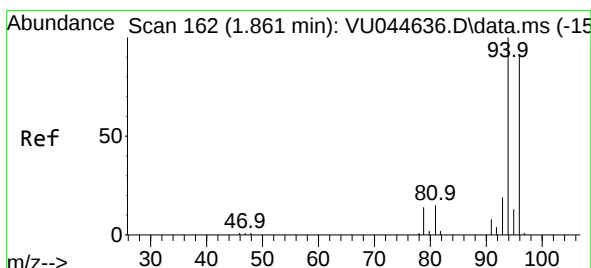
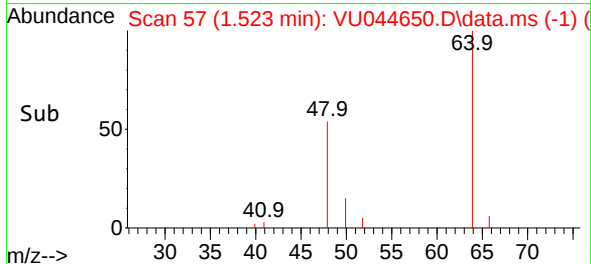
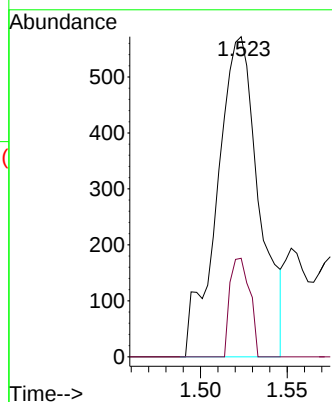
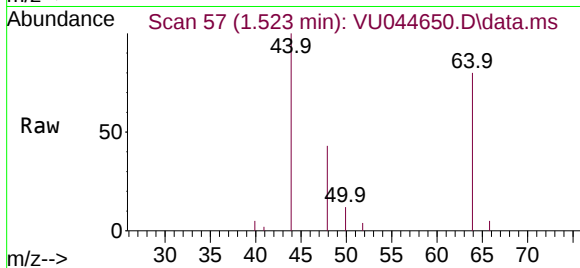
Acq: 15 Sep 2021 18:22

Tgt Ion: 50 Resp: 966

Ion Ratio Lower Upper

50 100

52 30.8 22.6 42.0



#6

Bromomethane

Concen: 0.077 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU044650.D

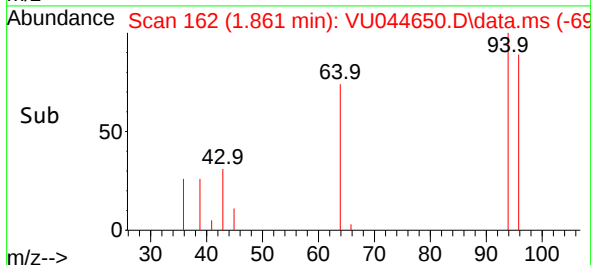
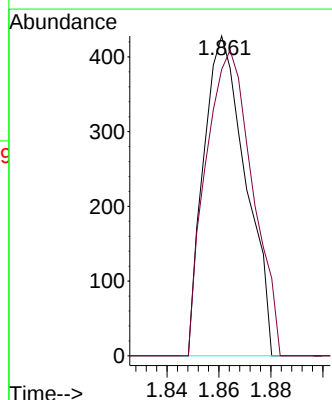
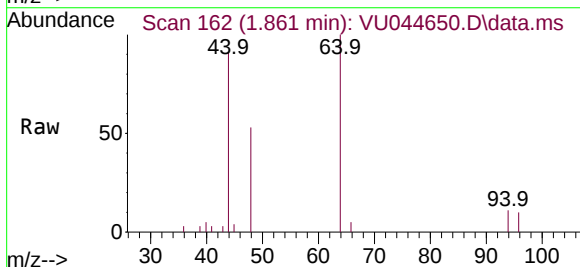
Acq: 15 Sep 2021 18:22

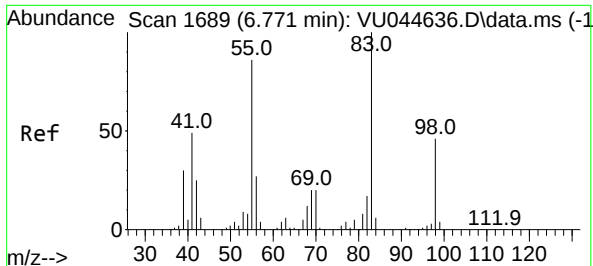
Tgt Ion: 94 Resp: 481

Ion Ratio Lower Upper

94 100

96 89.5 66.4 123.4

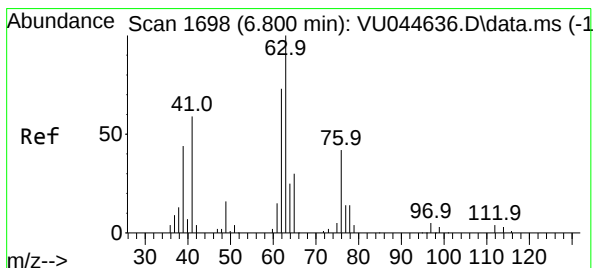
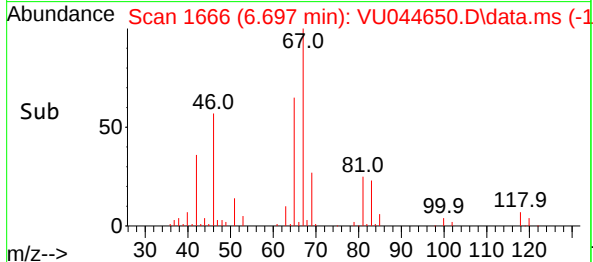
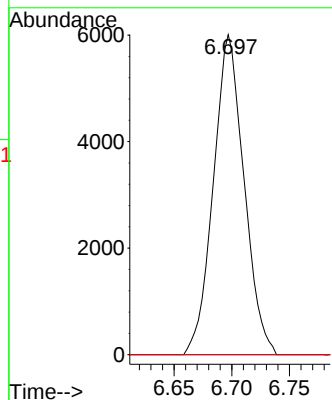
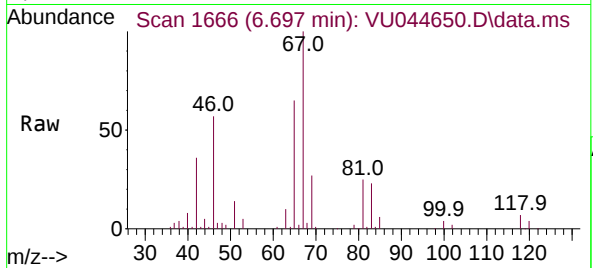




#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044650.D
Acq: 15 Sep 2021 18:22

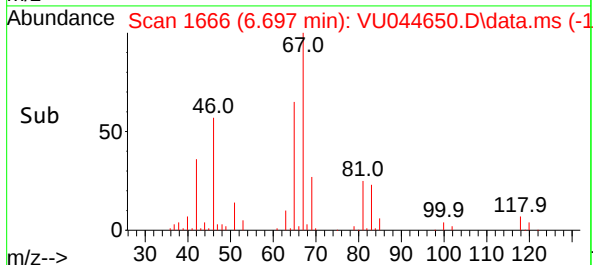
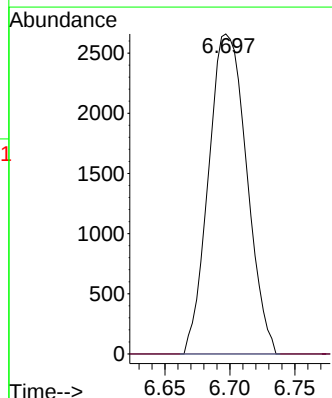
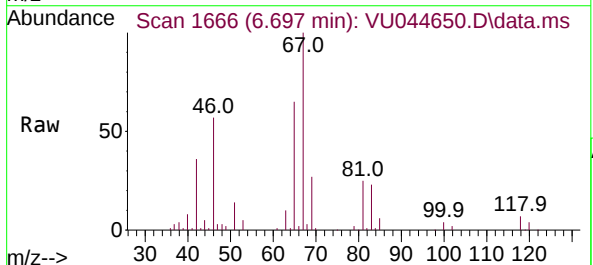
Instrument :
MSVOA_U
ClientSampled :

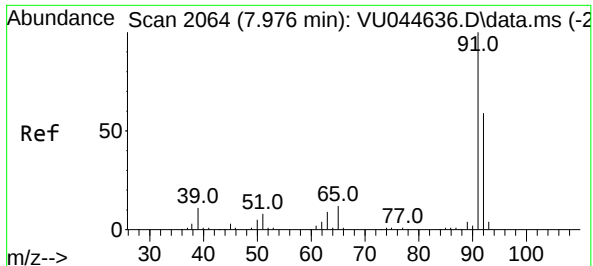
Tgt Ion: 83 Resp: 11096
Ion Ratio Lower Upper
83 100
55 0.0 68.3 102.5#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044650.D
Acq: 15 Sep 2021 18:22

Tgt Ion: 63 Resp: 5433
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

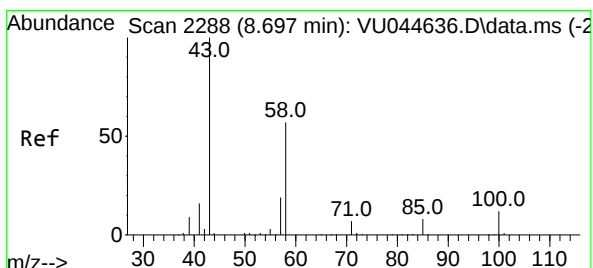
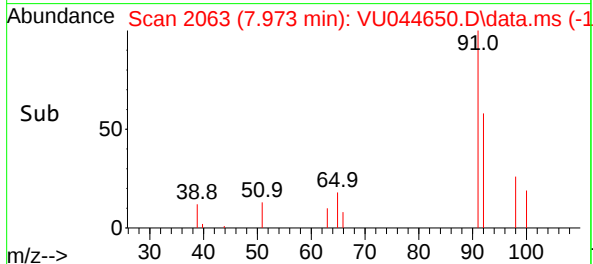
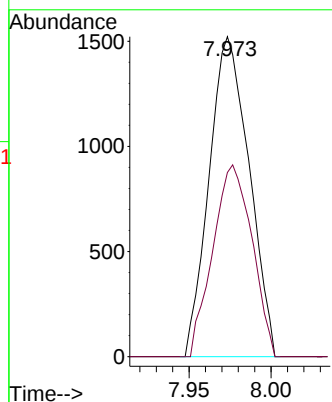
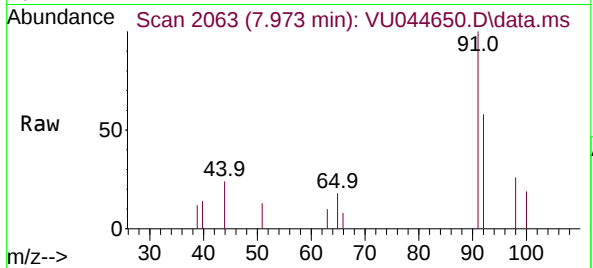




#42
Toluene
Concen: 0.066 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044650.D
Acq: 15 Sep 2021 18:22

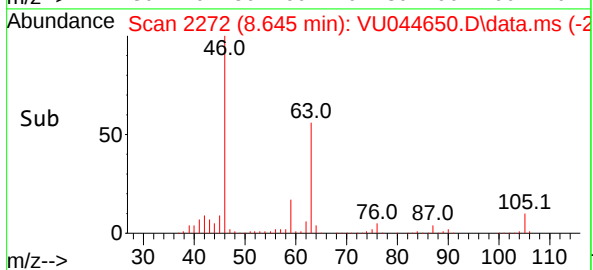
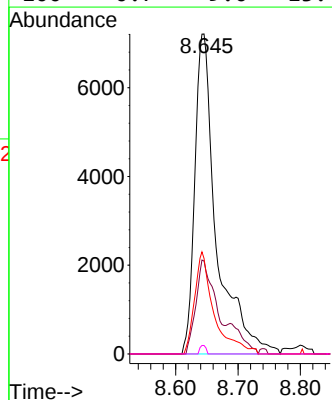
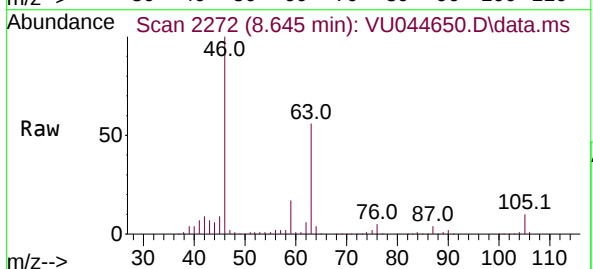
Instrument :
MSVOA_U
ClientSampled :

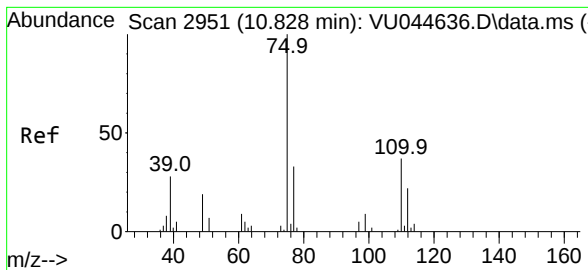
Tgt Ion: 91 Resp: 2575
Ion Ratio Lower Upper
91 100
92 57.6 41.1 76.3



#48
2-Hexanone
Concen: 2.996 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044650.D
Acq: 15 Sep 2021 18:22

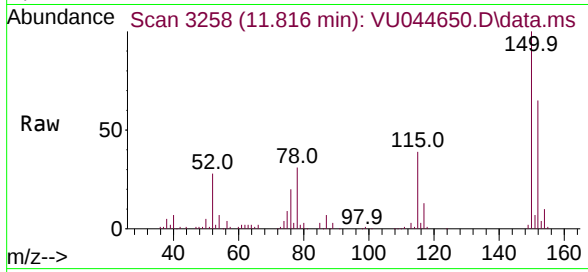
Tgt Ion: 43 Resp: 17454
Ion Ratio Lower Upper
43 100
58 26.1 44.6 66.8#
57 28.2 14.8 22.2#
100 0.7 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.325 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044650.D
 Acq: 15 Sep 2021 18:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8039
 Ion Ratio Lower Upper
 75 100
 110 0.9 28.8 43.2#
 77 27.8 25.9 38.9

