

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045221.D
 Acq On : 07 Oct 2021 20:28
 Operator : SY/MD
 Sample : M4023-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 22:20:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

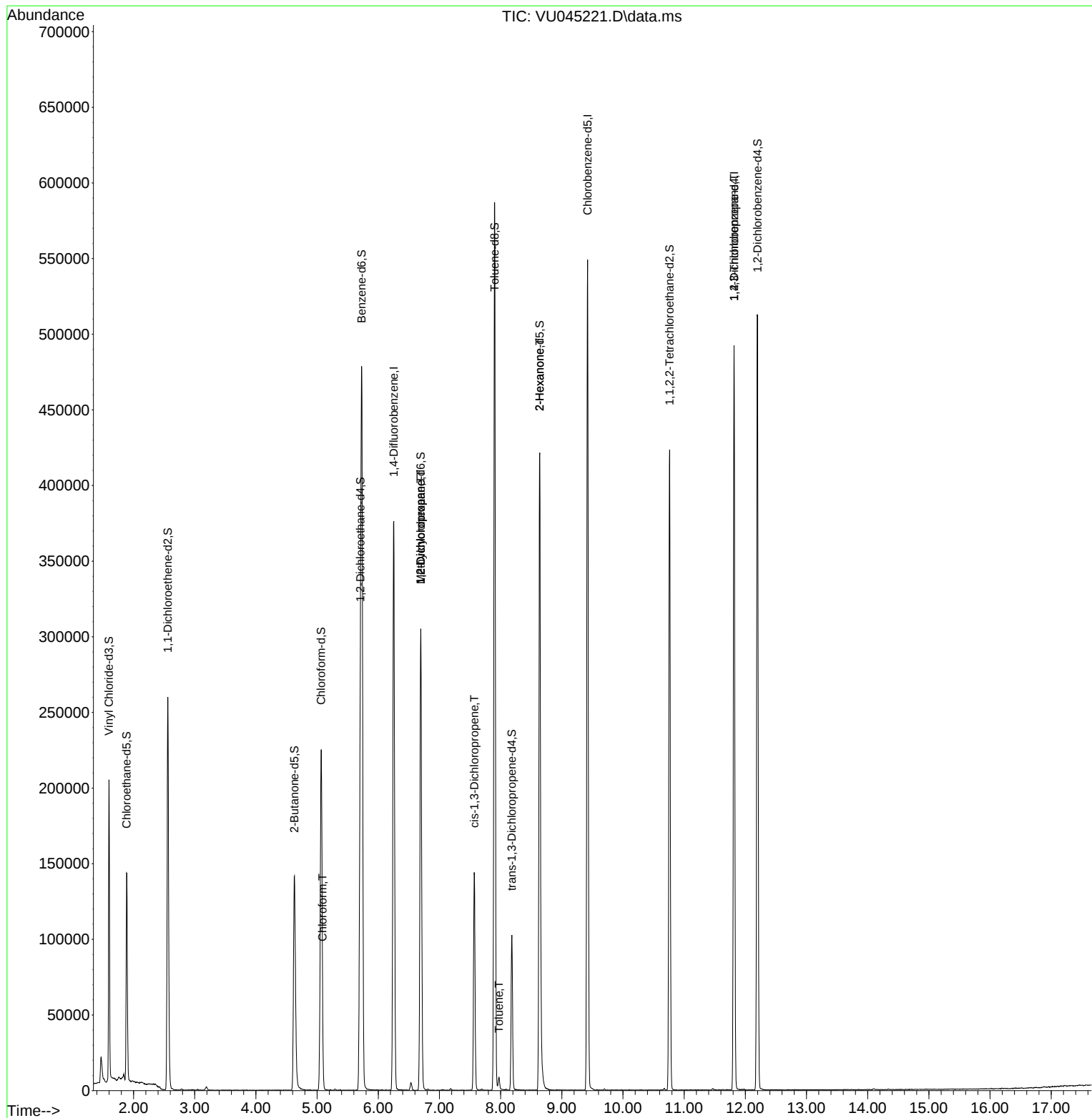
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291822	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	280740	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	130568	40.871	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.740%	
7) Chloroethane-d5	1.887	69	104336	41.215	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.440%	
11) 1,1-Dichloroethene-d2	2.559	63	158929	29.624	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.240%#	
21) 2-Butanone-d5	4.626	46	203696	80.654	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	80.650%	
24) Chloroform-d	5.067	84	201769	39.990	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	79.980%	
26) 1,2-Dichloroethane-d4	5.707	65	144919	42.403	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.800%	
32) Benzene-d6	5.729	84	428496	43.986	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.980%	
36) 1,2-Dichloropropane-d6	6.694	67	137455	43.274	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.540%	
41) Toluene-d8	7.900	98	372127	44.265	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.520%	
43) trans-1,3-Dichloroprop...	8.182	79	53323	37.739	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.480%	
47) 2-Hexanone-d5	8.636	63	145921	82.897	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	82.900%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	210621	42.582	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.160%	
66) 1,2-Dichlorobenzene-d4	12.198	152	126759	47.934	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.860%	
Target Compounds						
					Qvalue	
25) Chloroform	5.089	83	2070	0.420	ug/L	89
35) Methylcyclohexane	6.694	83	32206	7.692	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	15497	5.466	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3332	0.821	ug/L #	60
42) Toluene	7.973	91	5799	0.548	ug/L	99
48) 2-Hexanone	8.636	43	17776	4.233	ug/L #	73
60) 1,2,3-Trichloropropane	11.816	75	15962	4.749	ug/L #	67

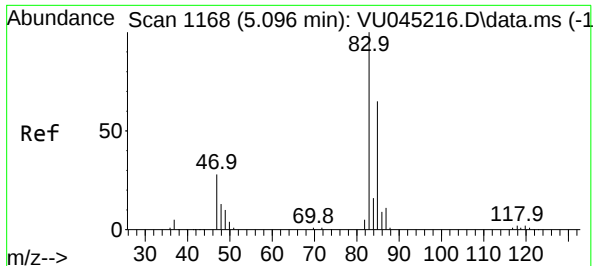
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 0.420 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VU045221.D

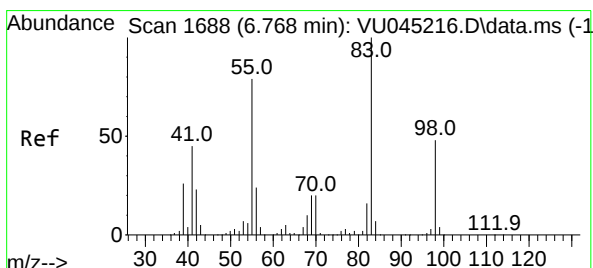
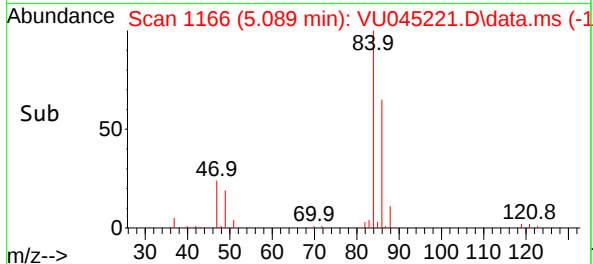
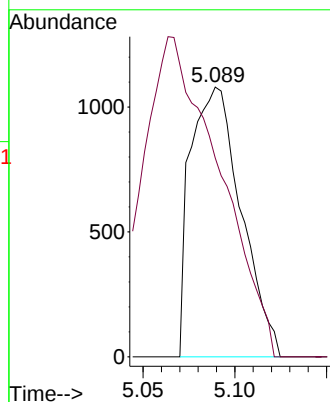
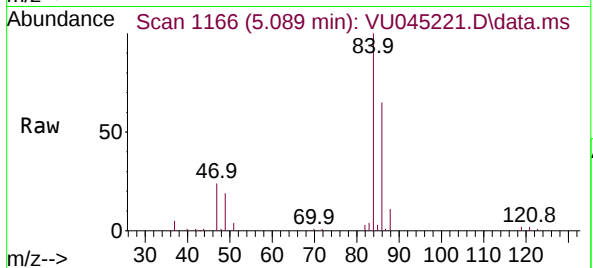
Acq: 07 Oct 2021 20:28

Tgt Ion: 83 Resp: 2070

Ion Ratio Lower Upper

83 100

85 73.7 45.6 84.6



#35

Methylcyclohexane

Concen: 7.692 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045221.D

Acq: 07 Oct 2021 20:28

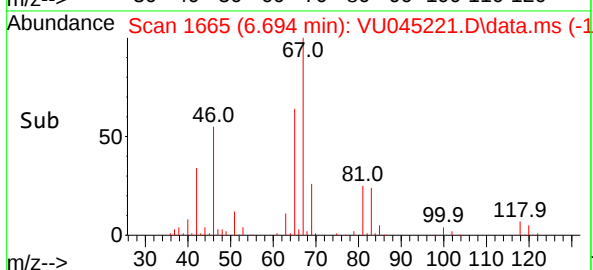
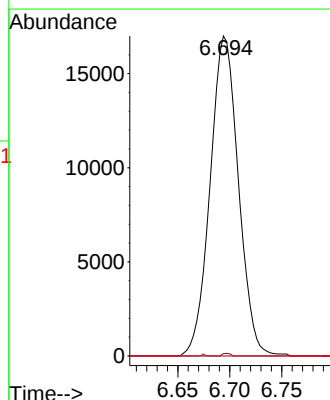
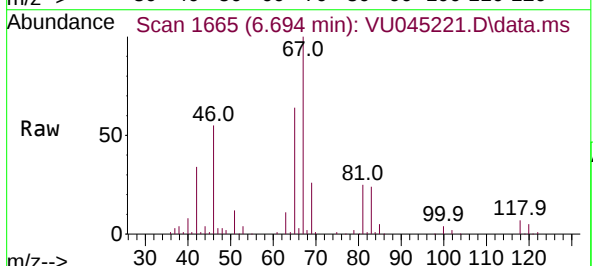
Tgt Ion: 83 Resp: 32206

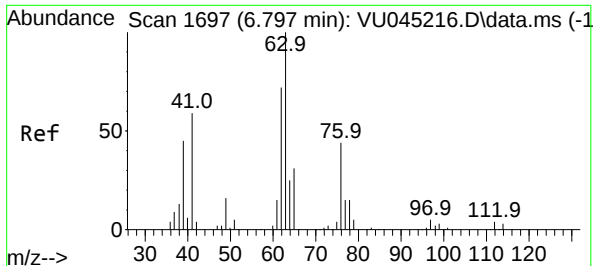
Ion Ratio Lower Upper

83 100

55 0.2 65.8 98.6#

98 0.5 37.1 55.7#



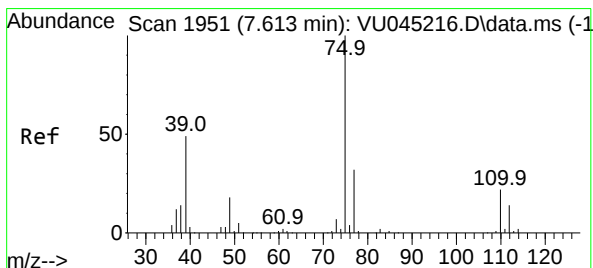
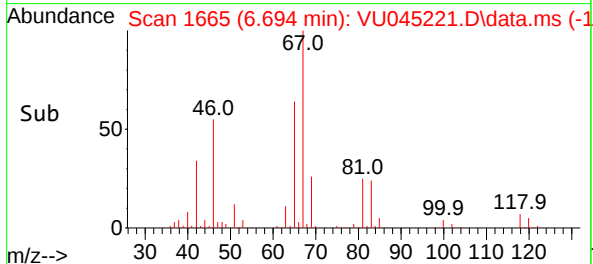
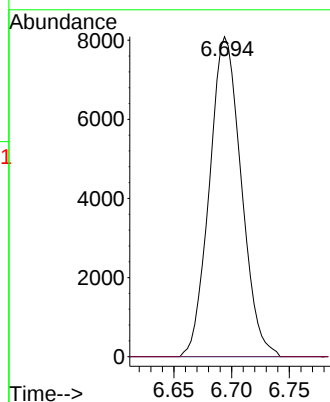
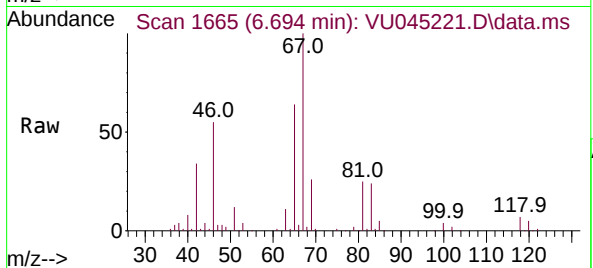


#37

1,2-Dichloropropane
Concen: 5.466 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045221.D
Acq: 07 Oct 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :

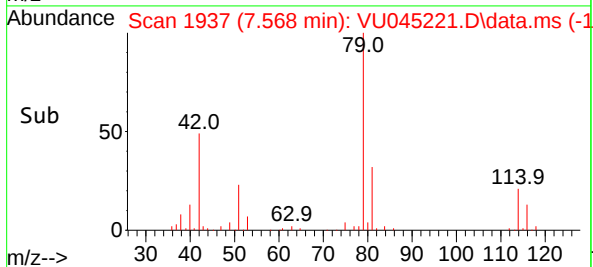
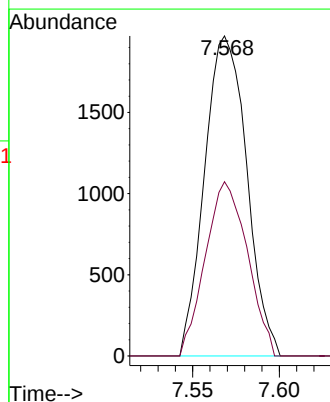
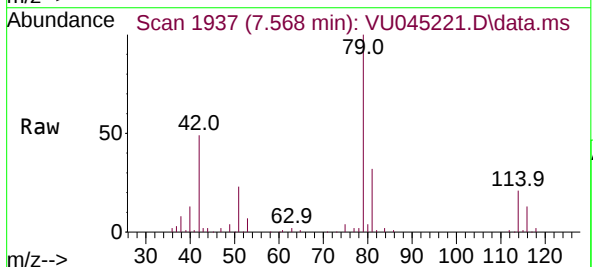
Tgt Ion: 63 Resp: 15497
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

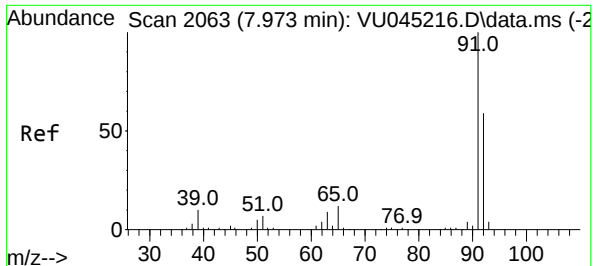


#39

cis-1,3-Dichloropropene
Concen: 0.821 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045221.D
Acq: 07 Oct 2021 20:28

Tgt Ion: 75 Resp: 3332
Ion Ratio Lower Upper
75 100
77 54.4 22.4 41.6#

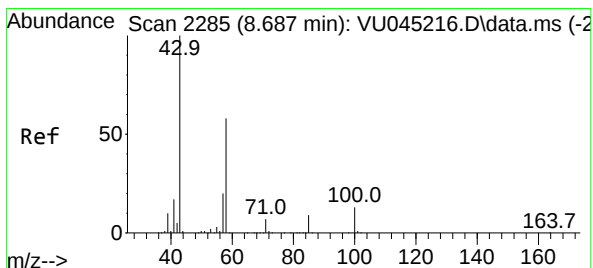
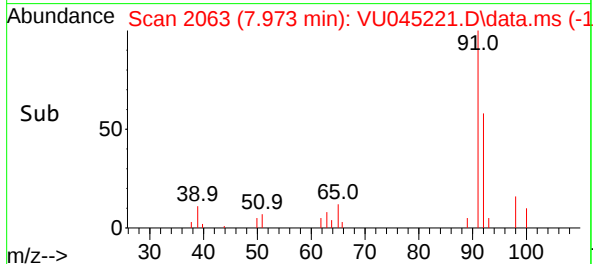
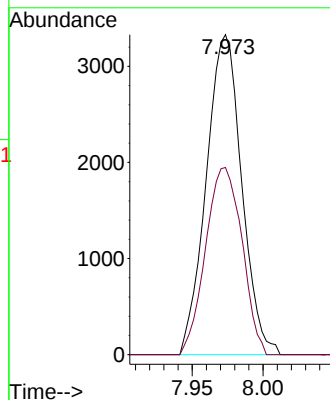
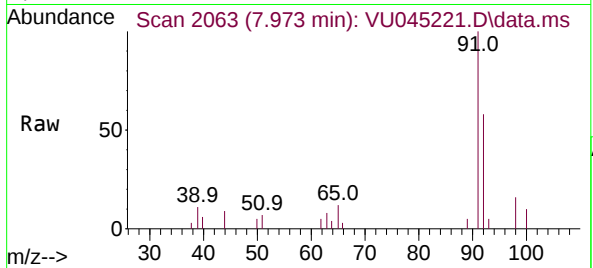




#42
Toluene
Concen: 0.548 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045221.D
Acq: 07 Oct 2021 20:28

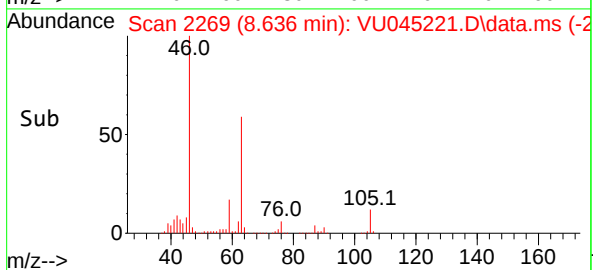
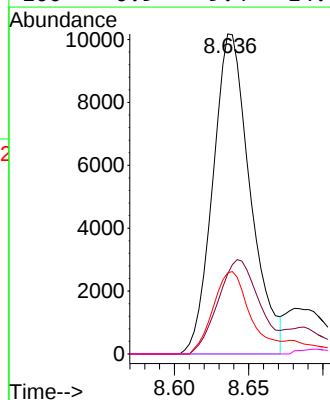
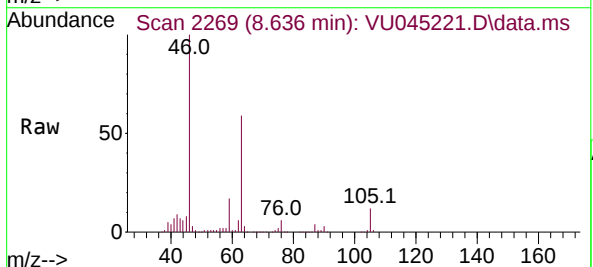
Instrument :
MSVOA_U
ClientSampled :

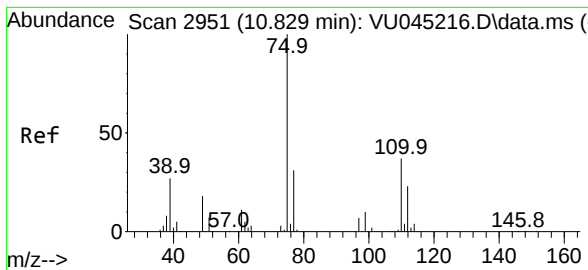
Tgt Ion: 91 Resp: 5799
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.1



#48
2-Hexanone
Concen: 4.233 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.051 min
Lab File: VU045221.D
Acq: 07 Oct 2021 20:28

Tgt Ion: 43 Resp: 17776
Ion Ratio Lower Upper
43 100
58 32.9 44.9 67.3#
57 25.6 15.5 23.3#
100 0.9 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.749 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045221.D
 Acq: 07 Oct 2021 20:28

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	15962
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.5	38.3
110	2.2	29.0	43.4#

