

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038343.D
 Acq On : 28 May 2020 13:46
 Operator : JC/MD
 Sample : L2753-03ME
 Misc : 10.28g/5.0mL/100 uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAXE4ME

Quant Time: May 29 04:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	867497	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	831616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	386212	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	260826	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.80%
7) Chloroethane-d5	1.92	69	155761	37.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.04%
11) 1,1-Dichloroethene-d2	2.57	63	391148	35.14	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.28%
21) 2-Butanone-d5	4.68	46	468370	90.52	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.52%
24) Chloroform-d	5.10	84	463665	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.74	65	320677	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
32) Benzene-d6	5.76	84	1011413	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.72	67	310770	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.92	98	889735	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	8.20	79	152493	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.46%
47) 2-Hexanone-d5	8.69	63	349109	98.99	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.99%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	420965	42.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.94%
64) 1,2-Dichlorobenzene-d4	12.21	152	330939	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%

Target Compounds

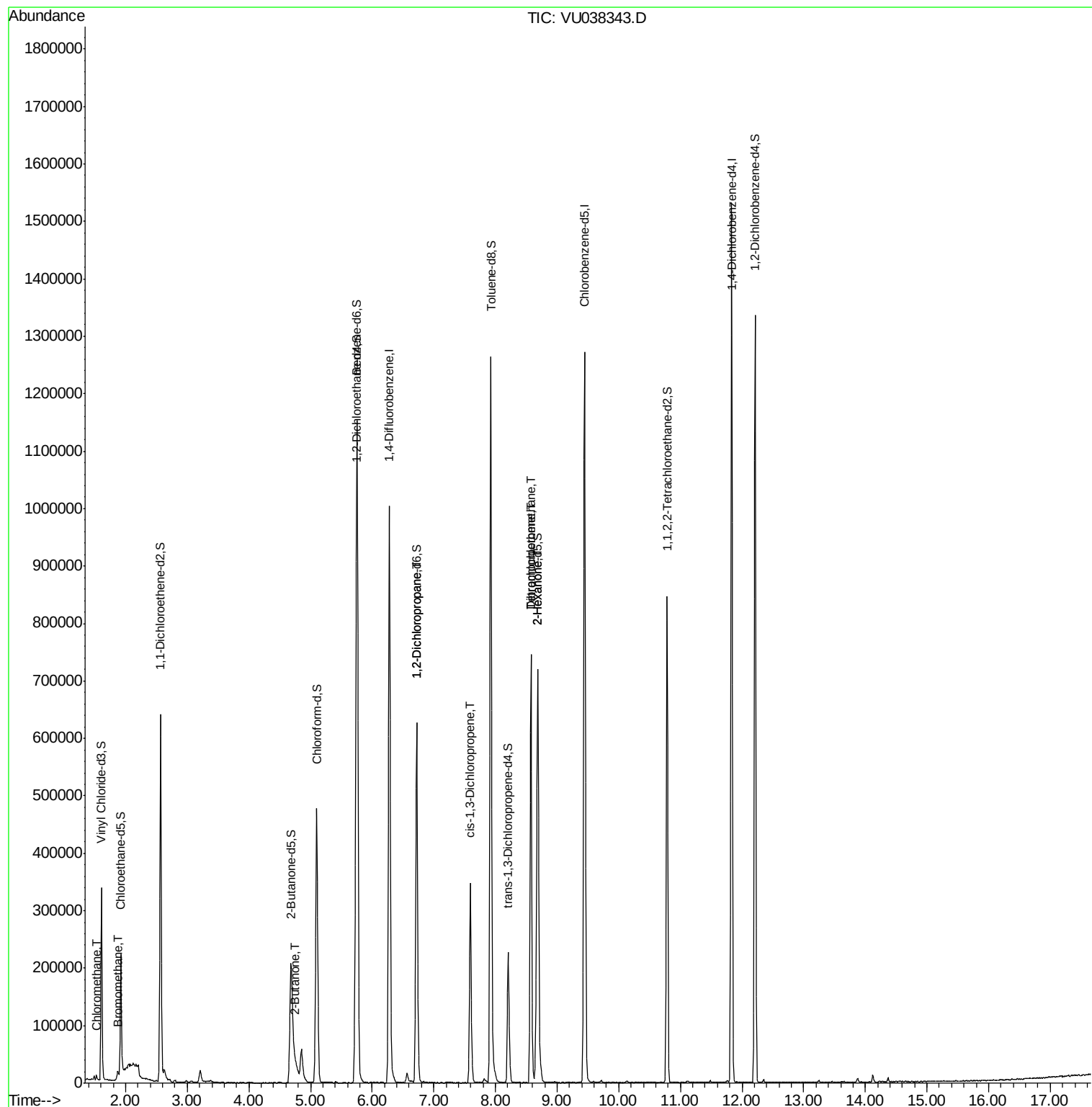
					Ovalue
3) Chloromethane	1.53	50	5991	0.995 ug/L	99
6) Bromomethane	1.87	94	4537	1.668 ug/L	96
22) 2-Butanone	4.76	43	10240	1.699 ug/L #	56
37) 1,2-Dichloropropane	6.72	63	33846	5.588 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	9634	0.999 ug/L #	70
46) Tetrachloroethene	8.57	164	168369	38.539 ug/L	97
48) 2-Hexanone	8.69	43	39217	4.821 ug/L #	67
49) Dibromochloromethane	8.57	129	159406	27.388 ug/L #	10

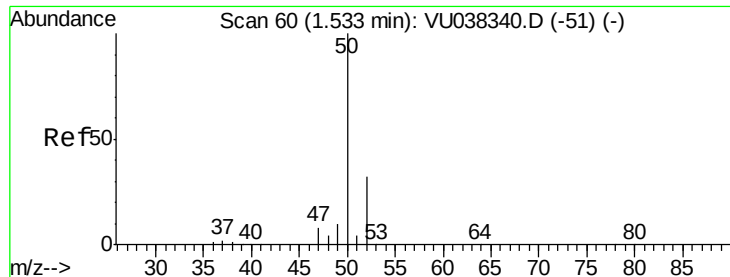
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GAXE4ME

Quant Time: May 29 04:32:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.995 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.01 min

Lab File: VU038343.D

Acq: 28 May 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

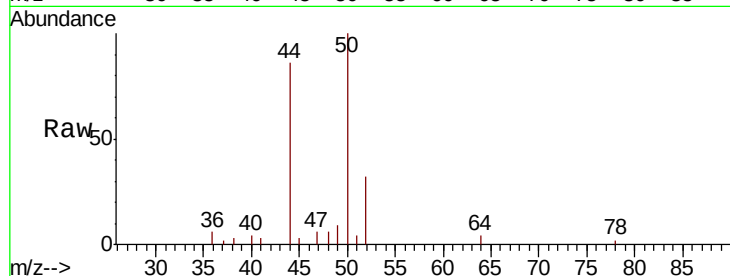
GAXE4ME

Tot Ion: 50 Resp: 5991

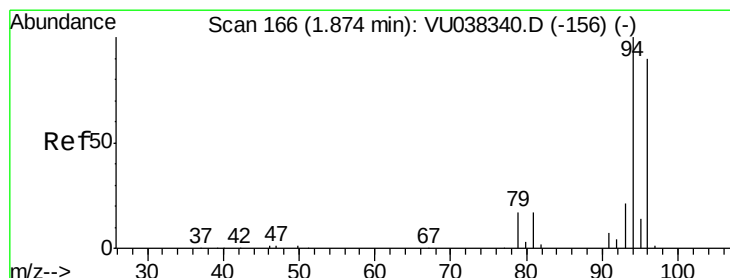
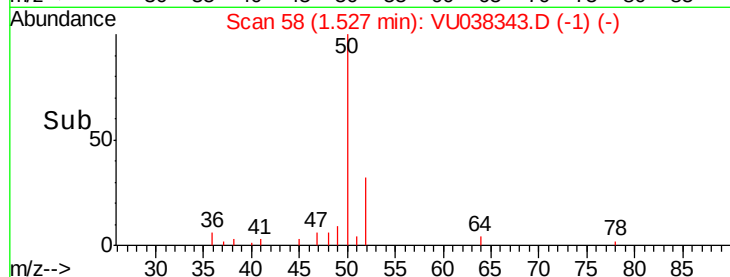
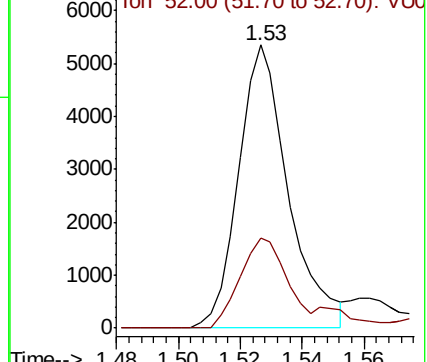
Ion Ratio Lower Upper

50 100

52 31.6 22.5 41.7



Abundance Ion 50.00 (49.70 to 50.70): VU038343.D (-51) (-)



#6

Bromomethane

Concen: 1.668 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU038343.D

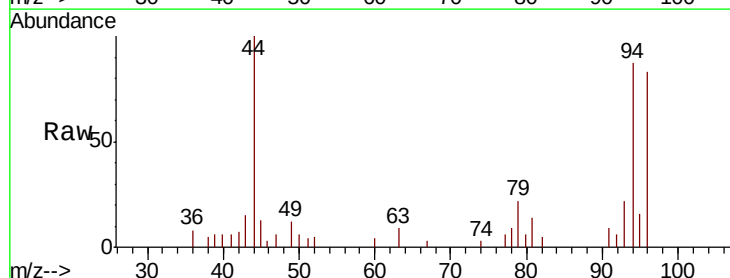
Acq: 28 May 2020 13:46

Tgt Ion: 94 Resp: 4537

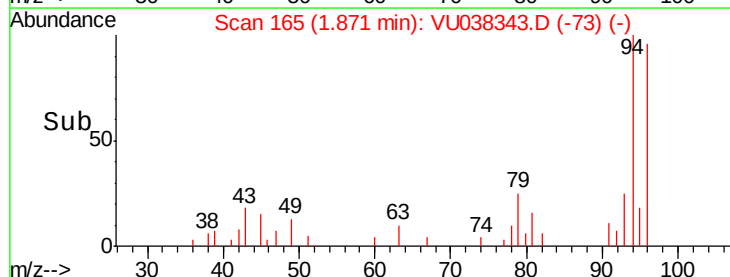
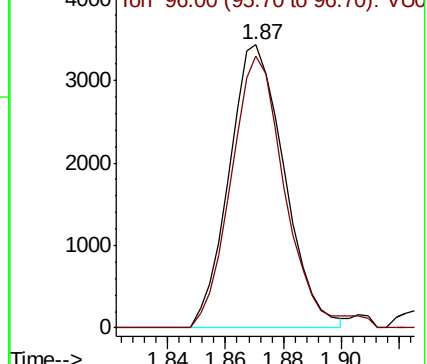
Ion Ratio Lower Upper

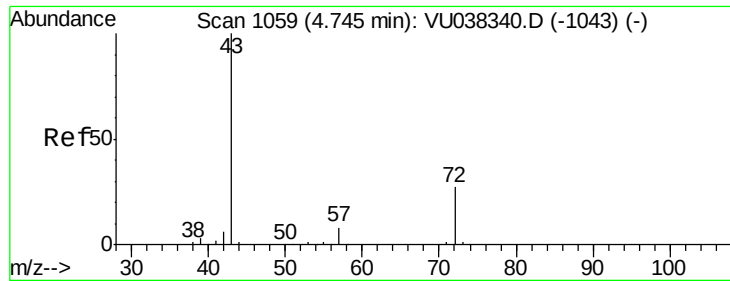
94 100

96 95.9 64.3 119.5



Abundance Ion 94.00 (93.70 to 94.70): VU038343.D (-156) (-)





#22

2-Butanone

Concen: 1.699 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.02 min

Lab File: VU038343.D

Acq: 28 May 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

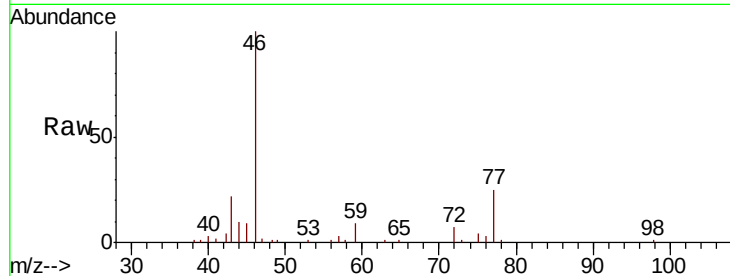
GAXE4ME

Tot Ion: 43 Resp: 10240

Ion Ratio Lower Upper

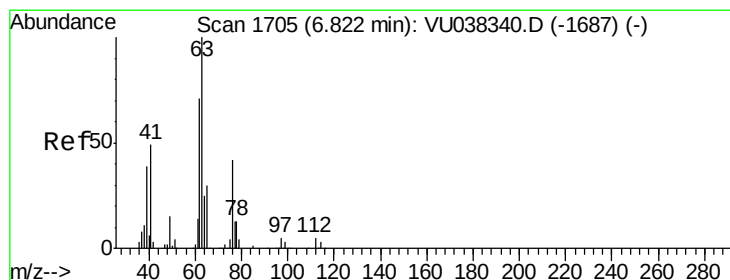
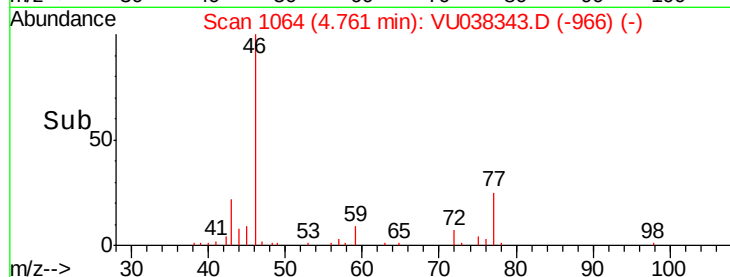
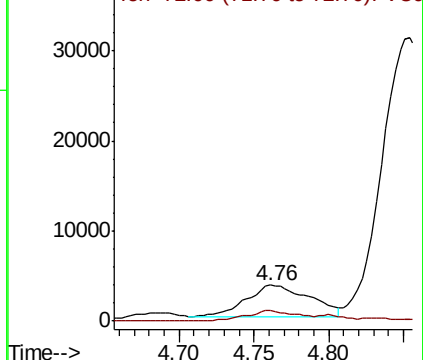
43 100

72 4.6 13.8 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#37

1,2-Dichloropropane

Concen: 5.588 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038343.D

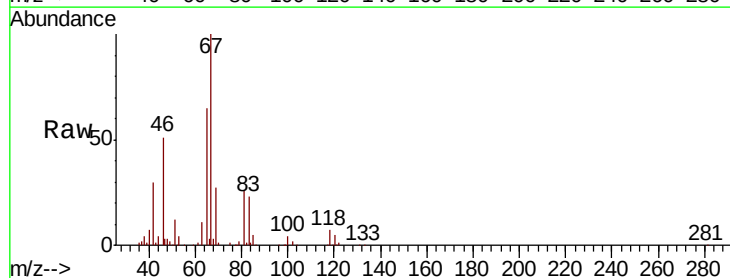
Acq: 28 May 2020 13:46

Tgt Ion: 63 Resp: 33846

Ion Ratio Lower Upper

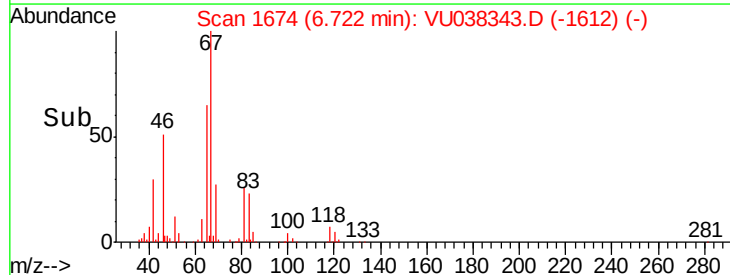
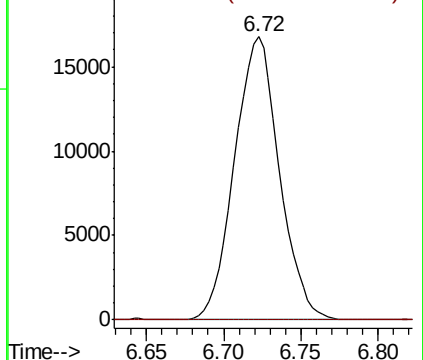
63 100

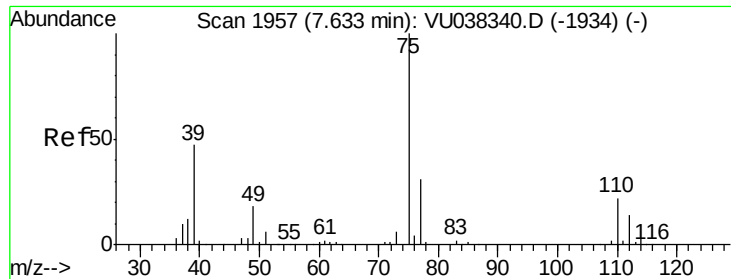
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

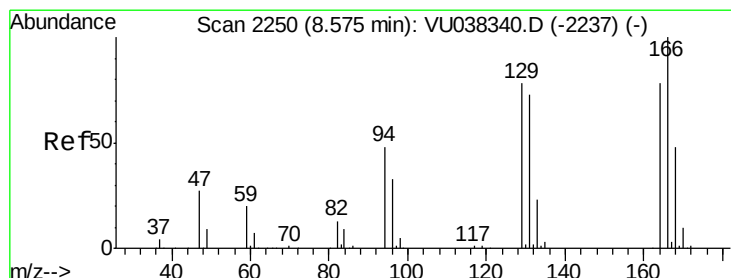
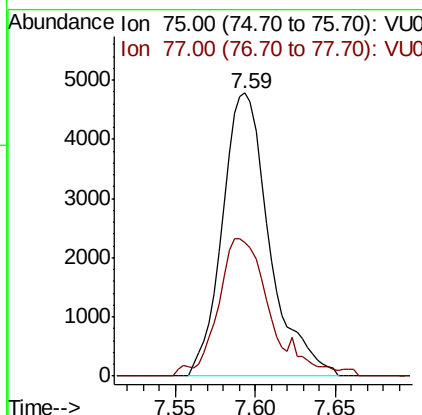
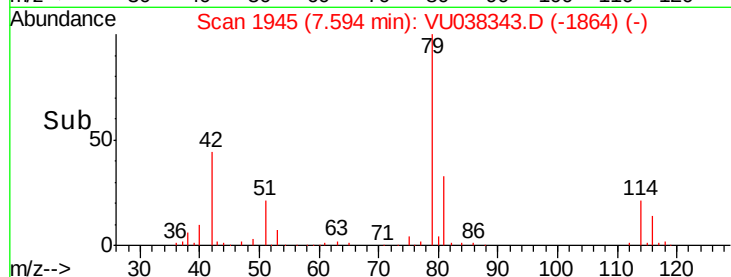
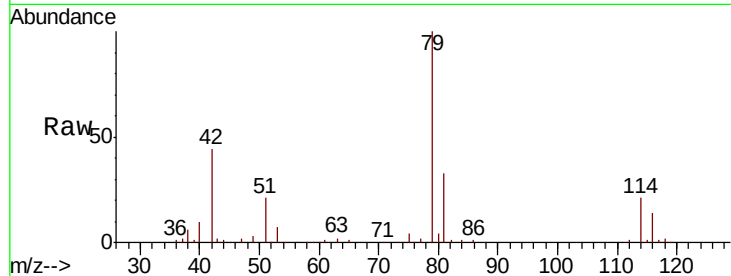




#39
 cis-1,3-Dichloropropene
 Concen: 0.999 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038343.D
 Acq: 28 May 2020 13:46

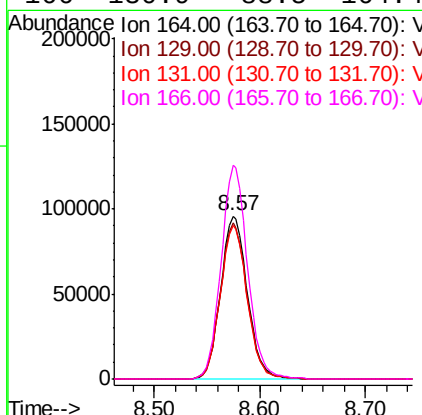
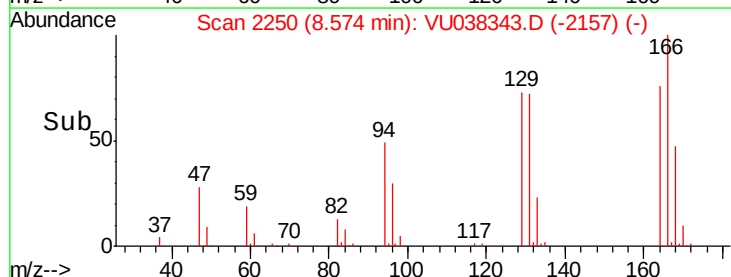
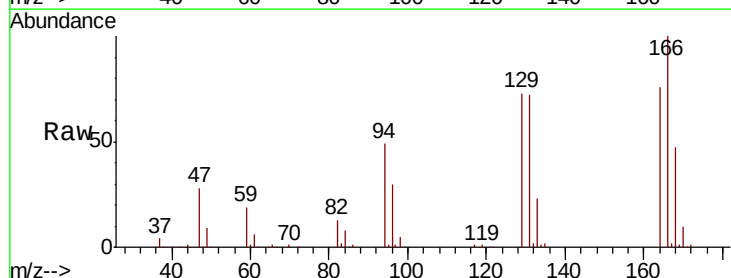
Instrument :
 MSVOA_U
 ClientSampled :
 GAXE4ME

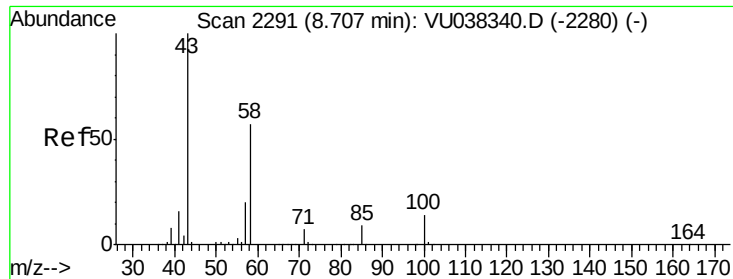
Tot Ion: 75 Resp: 9634
 Ion Ratio Lower Upper
 75 100
 77 47.3 21.6 40.0#



#46
 Tetrachloroethene
 Concen: 38.539 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038343.D
 Acq: 28 May 2020 13:46

Tgt Ion:164 Resp: 168369
 Ion Ratio Lower Upper
 164 100
 129 95.6 67.2 124.8
 131 93.8 63.4 117.8
 166 130.9 88.5 164.4

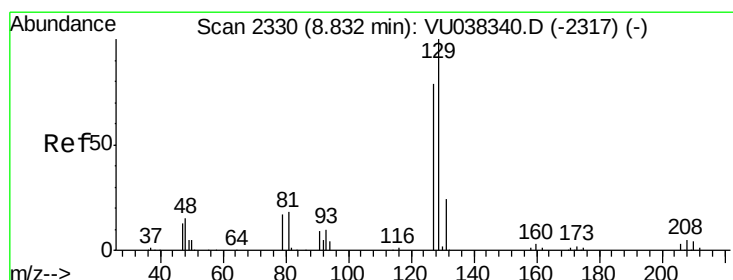
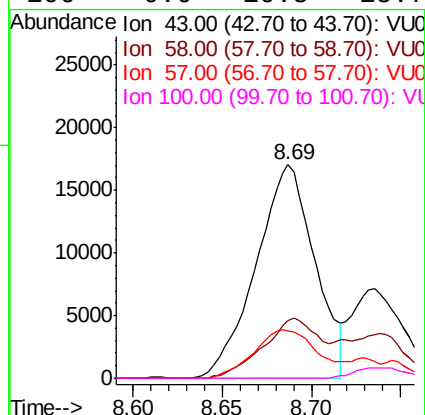
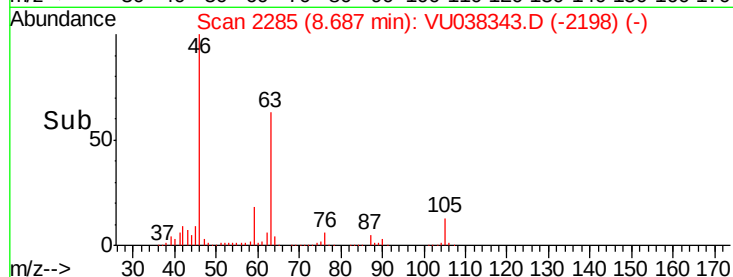
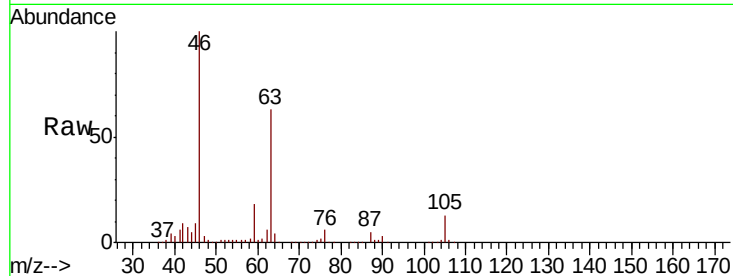




#48
2-Hexanone
Concen: 4.821 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.02 min
Lab File: VU038343.D
Acq: 28 May 2020 13:46

Instrument :
MSVOA_U
ClientSampleId :
GAXE4ME

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.7	45.5	68.3#
57	24.8	16.3	24.5#
100	0.0	10.5	15.7#



#49
Dibromochloromethane
Concen: 27.388 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038343.D
Acq: 28 May 2020 13:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#

