

Data File : VU035828.D
Acq On : 25 Nov 2019 16:55
Operator : JC/SP
Sample : K5992-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF6

Quant Time: Nov 26 01:06:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	240809	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	275869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116401	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	131586	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	128064	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	169096	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.70	46	414084	56.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.76%
24) Chloroform-d	5.11	84	258209	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	142462	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.77	84	487184	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.73	67	171420	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.93	98	385376	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.21	79	60774	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.68	63	322589	58.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	144143	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	132327	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

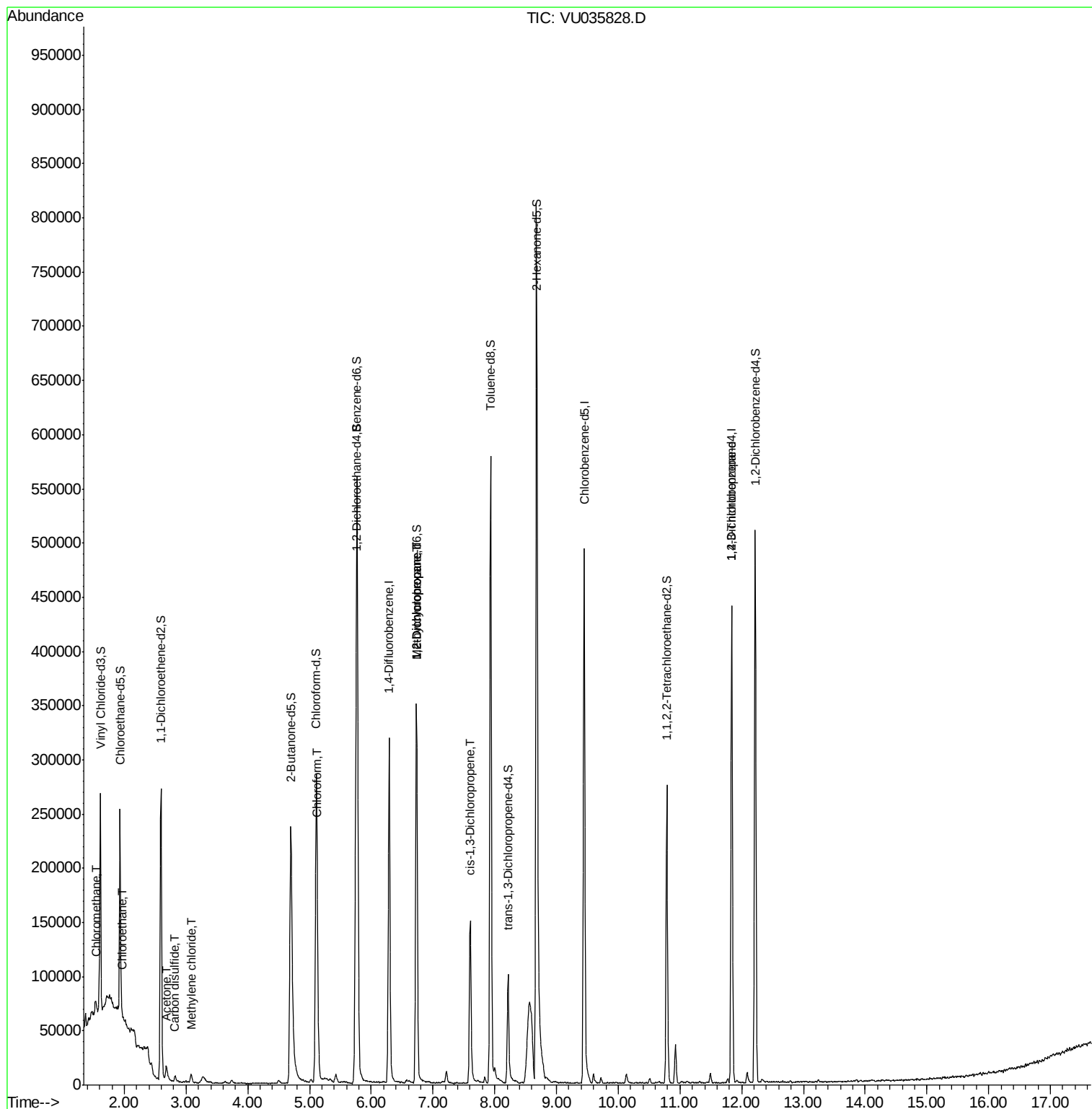
					Qvalue
3) Chloromethane	1.54	50	5488	0.137 ug/L	87
8) Chloroethane	1.98	64	2760	0.119 ug/L #	52
13) Acetone	2.68	43	21478	3.359 ug/L	99
14) Carbon disulfide	2.82	76	7701	0.093 ug/L	96
16) Methylene chloride	3.08	84	3342	0.110 ug/L	99
25) Chloroform	5.13	83	26807	0.497 ug/L	100
35) Methylcyclohexane	6.73	83	36867	0.890 ug/L #	13
37) 1,2-Dichloropropane	6.73	63	18547	0.568 ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	4114	0.097 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	16355	0.770 ug/L	90

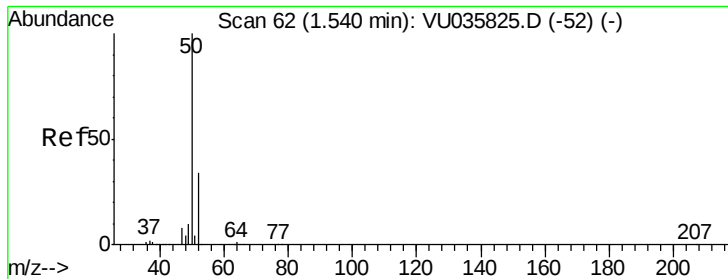
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.137 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035828.D

Acq: 25 Nov 2019 16:55

Instrument :

MSVOA_U

ClientSampleId :

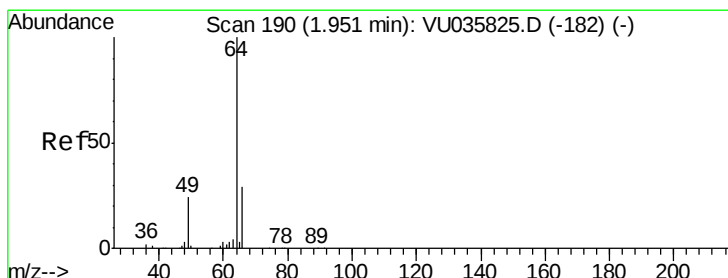
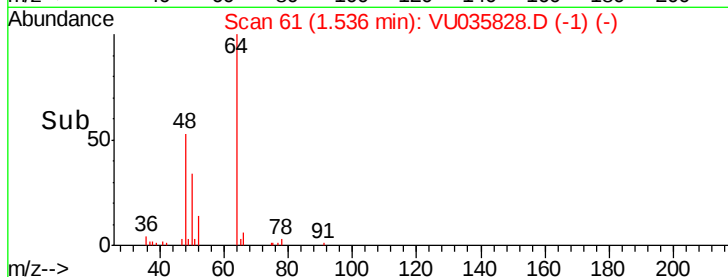
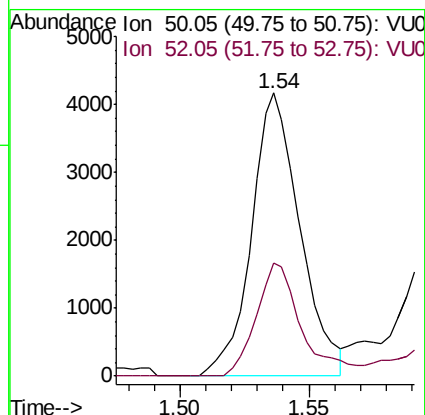
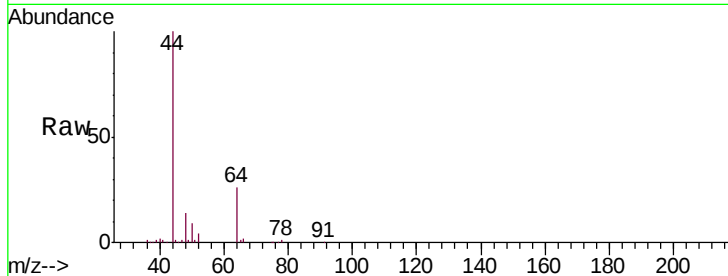
GARF6

Tgt Ion: 50 Resp: 5488

Ion Ratio Lower Upper

50 100

52 39.8 22.7 42.3



#8

Chloroethane

Concen: 0.119 ug/L

RT: 1.98 min Scan# 198

Delta R.T. 0.03 min

Lab File: VU035828.D

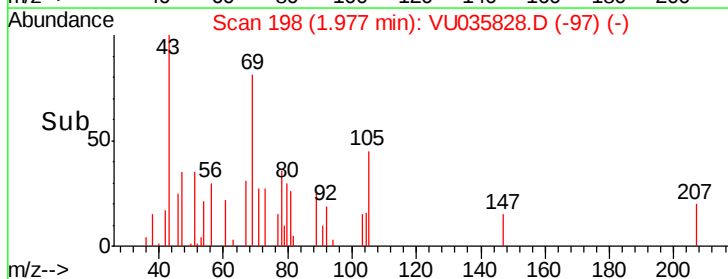
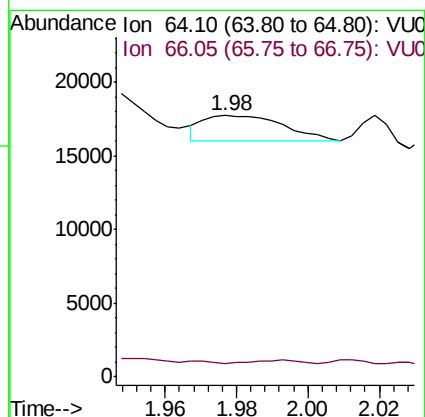
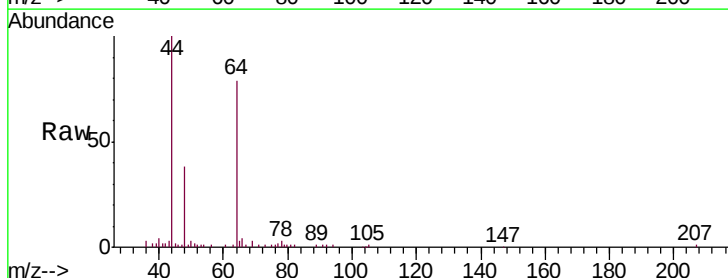
Acq: 25 Nov 2019 16:55

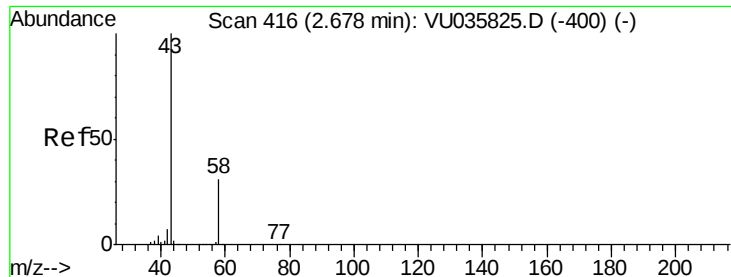
Tgt Ion: 64 Resp: 2760

Ion Ratio Lower Upper

64 100

66 5.1 22.3 41.5#





#13

Acetone

Concen: 3.359 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU035828.D

Acq: 25 Nov 2019 16:55

Instrument :

MSVOA_U

ClientSampleId :

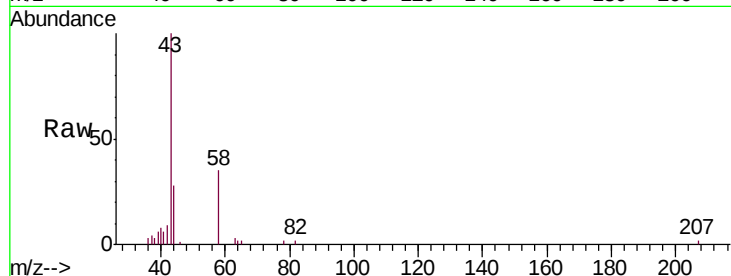
GARF6

Tgt Ion: 43 Resp: 21478

Ion Ratio Lower Upper

43 100

58 30.3 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035828.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035828.D (-400) (-)

2.68

8000

6000

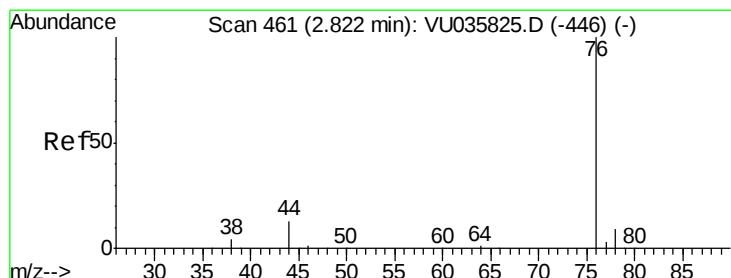
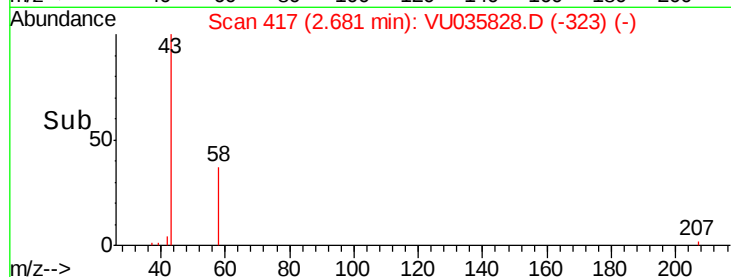
4000

2000

0

Time-->

2.60 2.65 2.70 2.75 2.80



#14

Carbon disulfide

Concen: 0.093 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035828.D

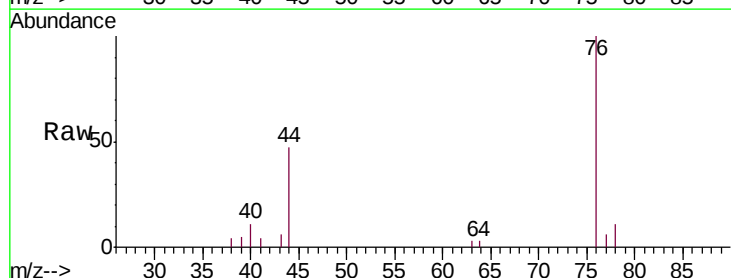
Acq: 25 Nov 2019 16:55

Tgt Ion: 76 Resp: 7701

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035828.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035828.D (-446) (-)

2.82

5000

4000

3000

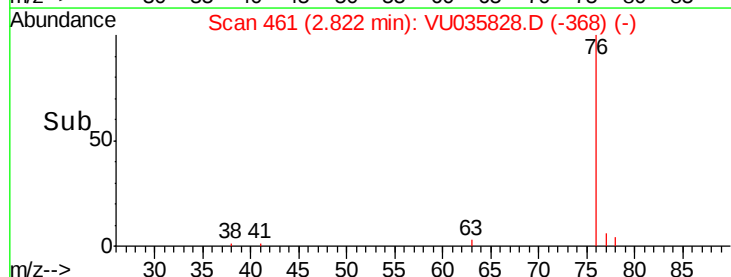
2000

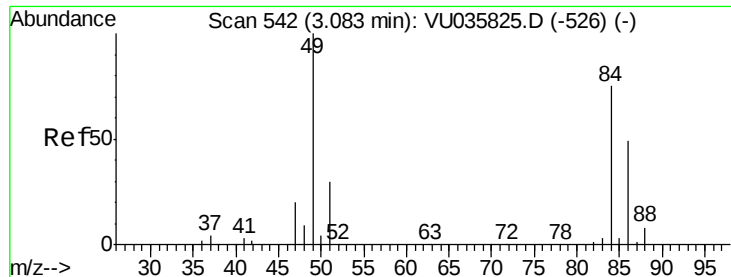
1000

0

Time-->

2.75 2.80 2.85 2.90

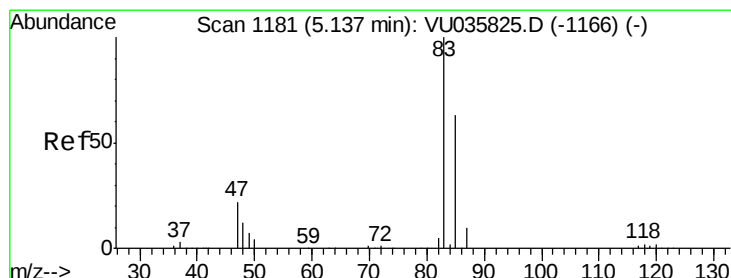
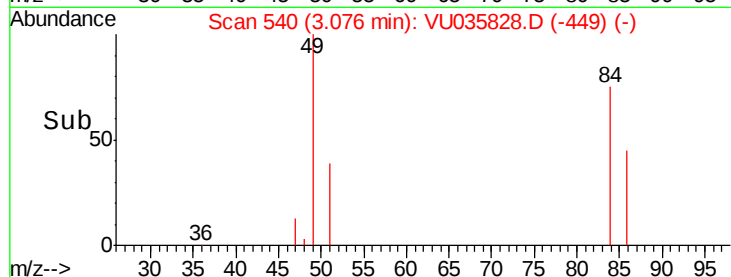
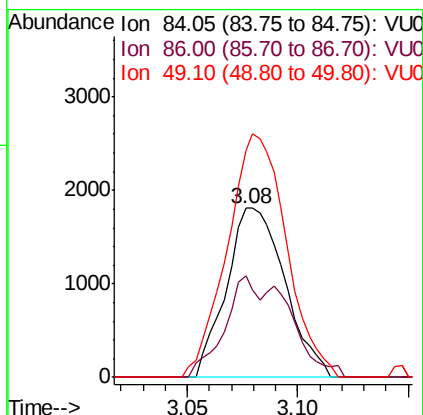
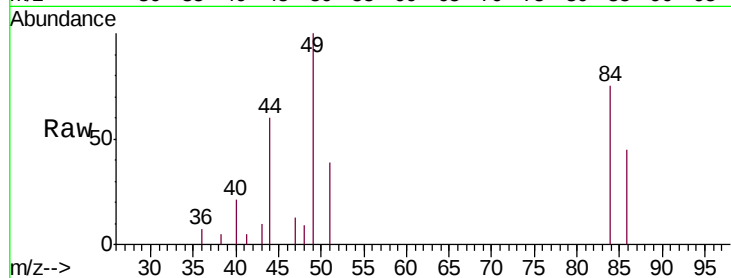




#16
Methylene chloride
Concen: 0.110 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.01 min
Lab File: VU035828.D
Acq: 25 Nov 2019 16:55

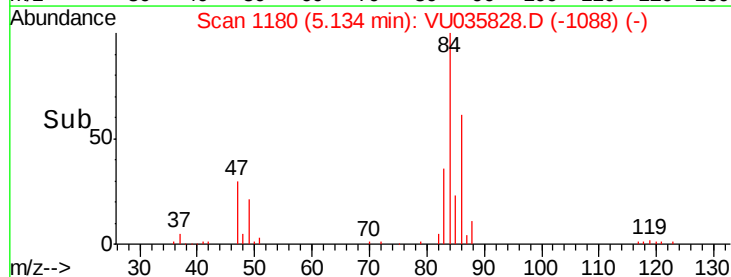
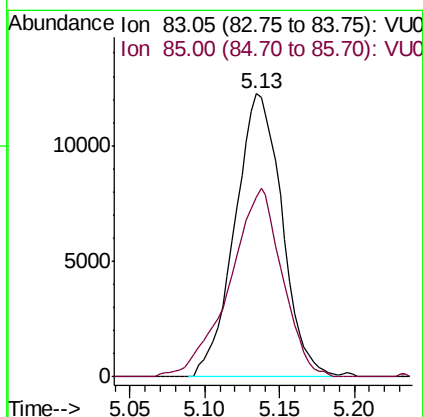
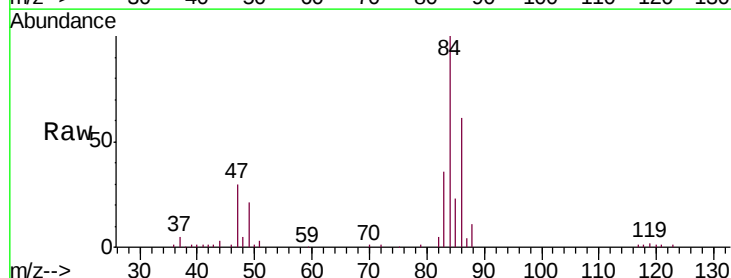
Instrument :
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ClientSampleId :
GARF6

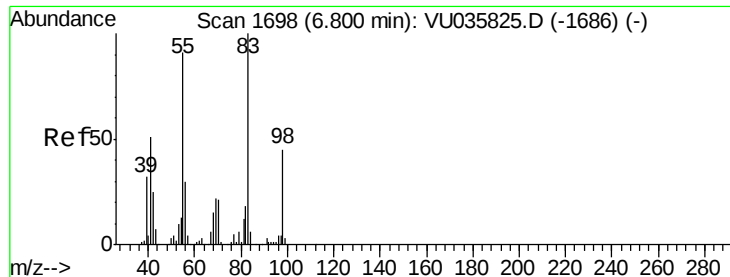
Tgt Ion: 84 Resp: 3342
Ion Ratio Lower Upper
84 100
86 60.3 44.4 82.5
49 134.0 94.0 174.6



#25
Chloroform
Concen: 0.497 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035828.D
Acq: 25 Nov 2019 16:55

Tgt Ion: 83 Resp: 26807
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8

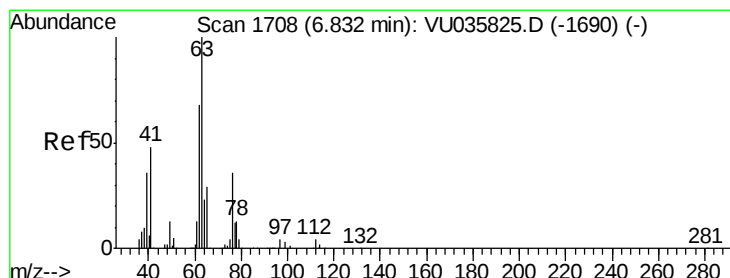
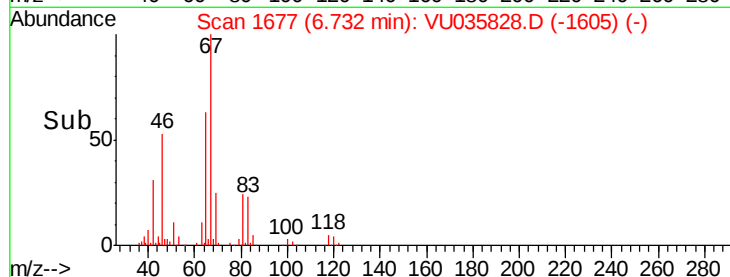
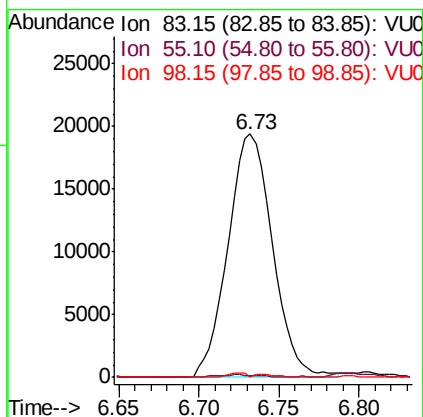
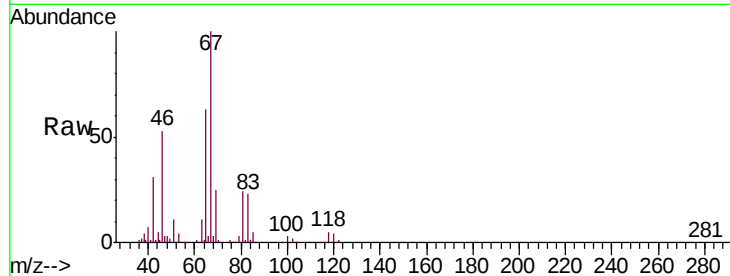




#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035828.D
Acq: 25 Nov 2019 16:55

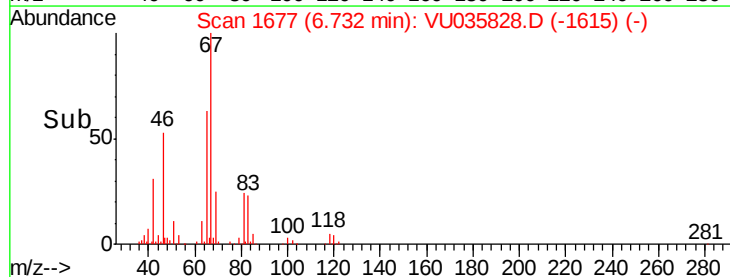
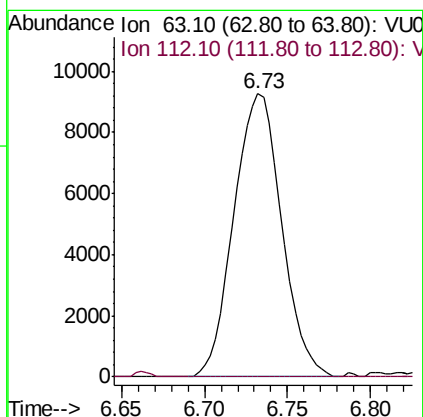
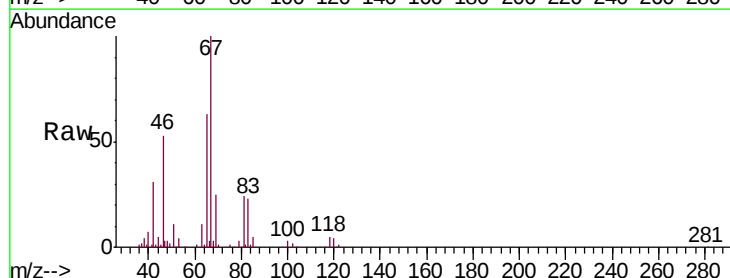
Instrument :
MSVOA_U
ClientSampled :
GARF6

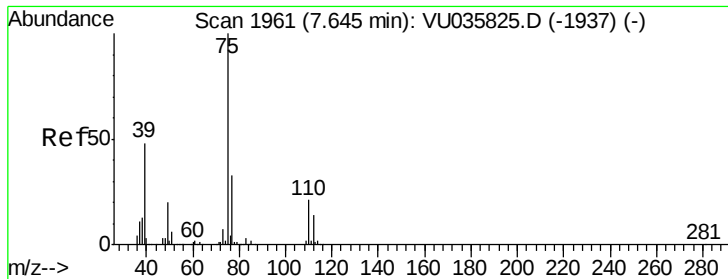
Tgt Ion: 83 Resp: 36867
Ion Ratio Lower Upper
83 100
55 0.1 72.7 109.1#
98 0.5 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035828.D
Acq: 25 Nov 2019 16:55

Tgt Ion: 63 Resp: 18547
Ion Ratio Lower Upper
63 100
112 0.6 2.7 4.1#

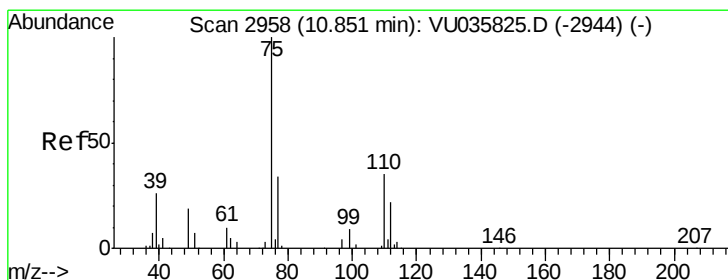
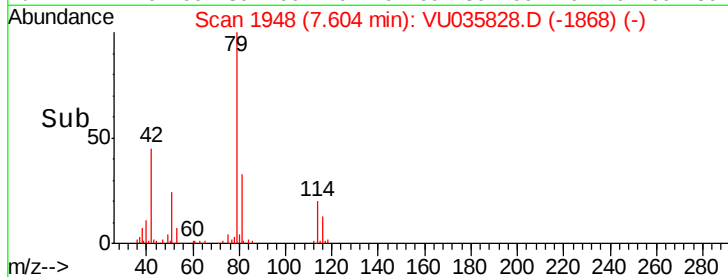
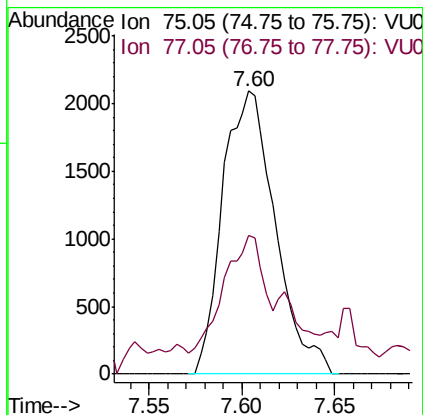
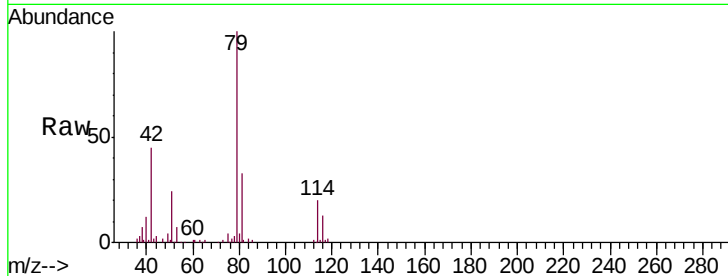




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035828.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 GARF6

Tgt Ion: 75 Resp: 4114
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.1 41.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.770 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035828.D
 Acq: 25 Nov 2019 16:55

Tgt Ion: 75 Resp: 16355
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.4 38.2

