

Data File : VU035830.D
Acq On : 25 Nov 2019 17:42
Operator : JC/SP
Sample : K5992-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE4

Quant Time: Nov 26 01:06:51 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	233661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	128269	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	130032	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	174205	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.69	46	414700	58.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.42%
24) Chloroform-d	5.11	84	265569	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.75	65	150722	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	481686	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.74	67	178402	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.93	98	400929	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.21	79	62485	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.69	63	306506	56.98	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.96%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	146112	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	100288	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

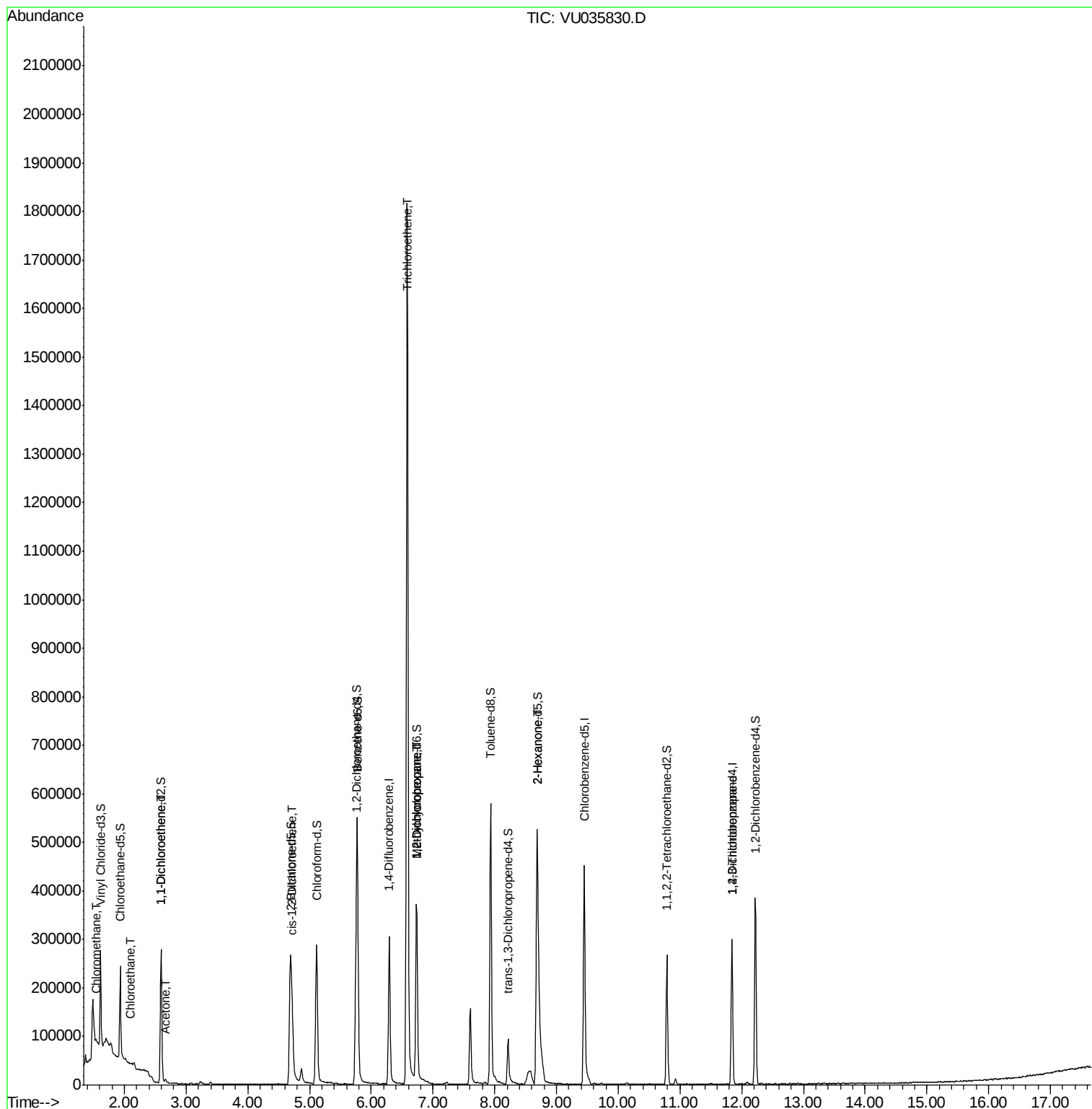
					Qvalue
3) Chloromethane	1.54	50	5164	0.132 ug/L	98
8) Chloroethane	2.09	64	2622	0.116 ug/L #	53
12) 1,1-Dichloroethene	2.60	96	2702	0.111 ug/L #	1
13) Acetone	2.67	43	8762	1.412 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	55922	2.096 ug/L	88
34) Trichloroethene	6.58	95	649894	23.734 ug/L	99
35) Methylcyclohexane	6.73	83	37584	0.935 ug/L #	15
37) 1,2-Dichloropropane	6.73	63	20358	0.643 ug/L #	92
48) 2-Hexanone	8.69	43	34941	2.440 ug/L #	64
59) 1,2,3-Trichloropropane	11.84	75	11827	0.574 ug/L	95

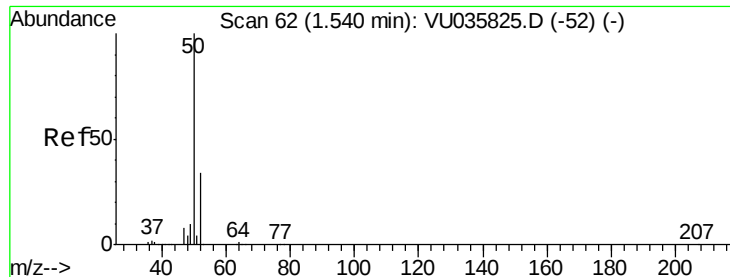
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035830.D

Acq: 25 Nov 2019 17:42

Instrument :

MSVOA_U

ClientSampleId :

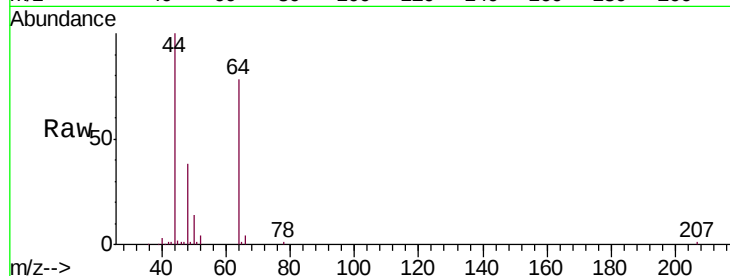
GARE4

Tgt Ion: 50 Resp: 5164

Ion Ratio Lower Upper

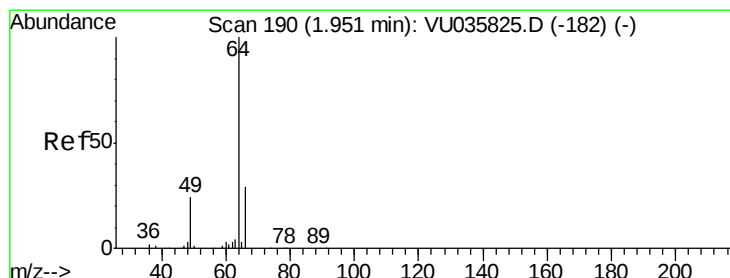
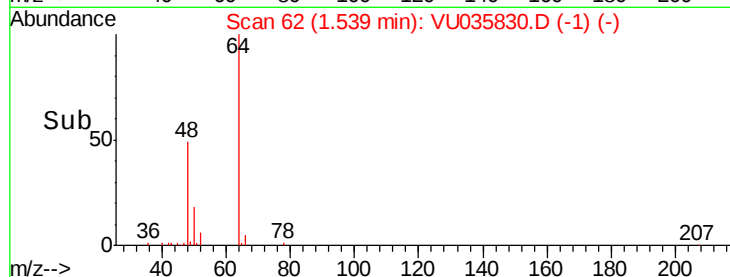
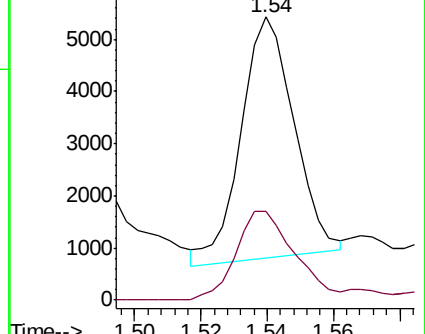
50 100

52 31.2 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035825.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035825.D (-52) (-)



#8

Chloroethane

Concen: 0.116 ug/L

RT: 2.09 min Scan# 234

Delta R.T. 0.14 min

Lab File: VU035830.D

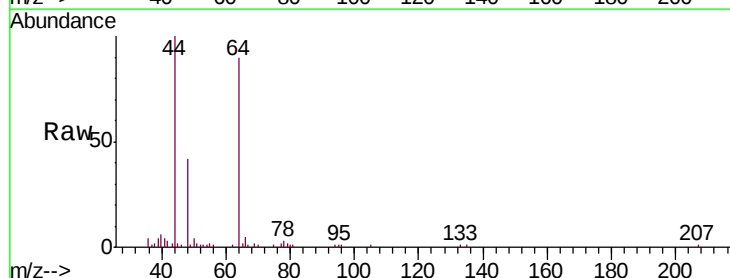
Acq: 25 Nov 2019 17:42

Tgt Ion: 64 Resp: 2622

Ion Ratio Lower Upper

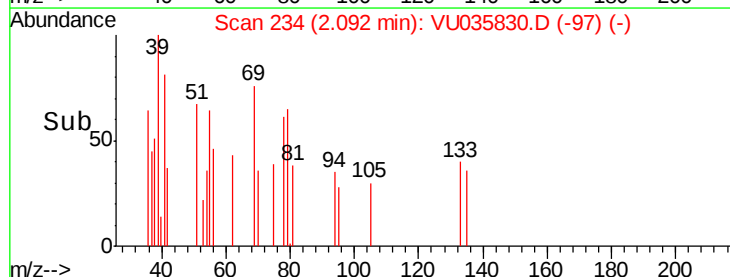
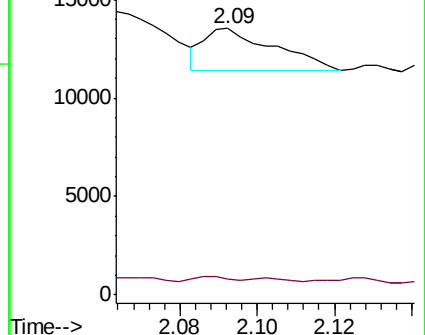
64 100

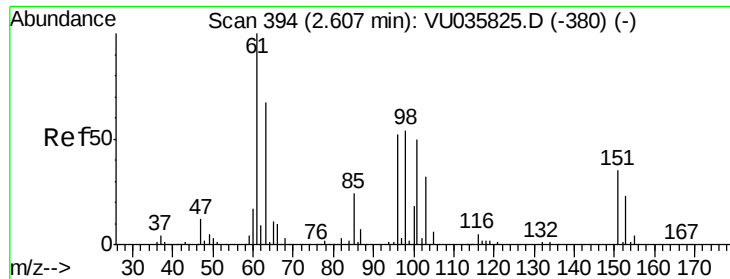
66 5.8 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU035825.D (-182) (-)

Ion 66.05 (65.75 to 66.75): VU035825.D (-182) (-)





#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035830.D

Acq: 25 Nov 2019 17:42

Instrument :

MSVOA_U

ClientSampleId :

GARE4

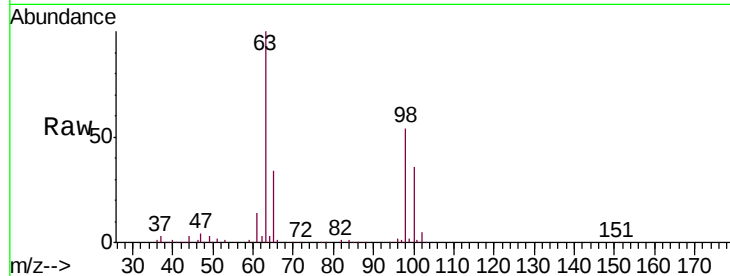
Tgt Ion: 96 Resp: 2702

Ion Ratio Lower Upper

96 100

61 786.7 139.3 258.7#

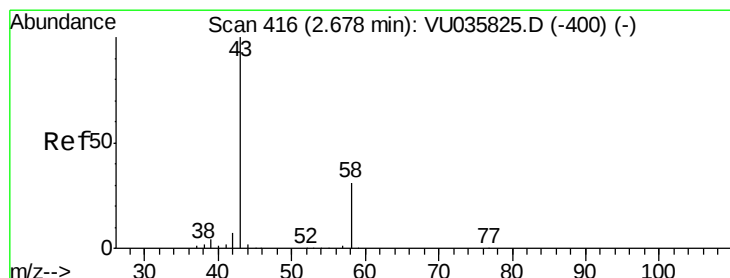
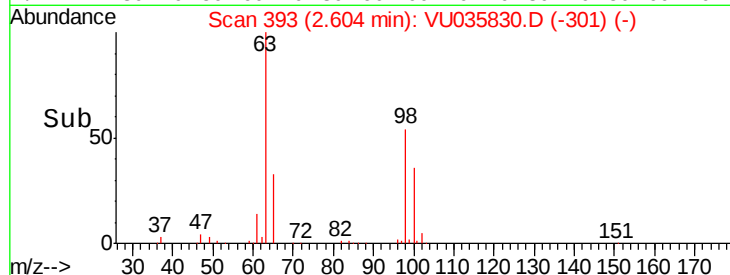
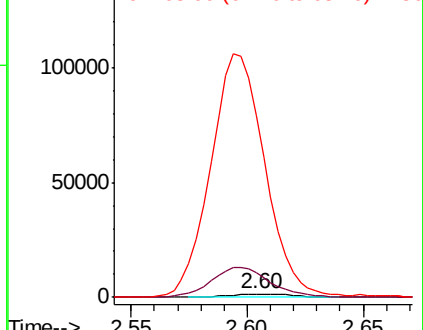
63 5785.4 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.412 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035830.D

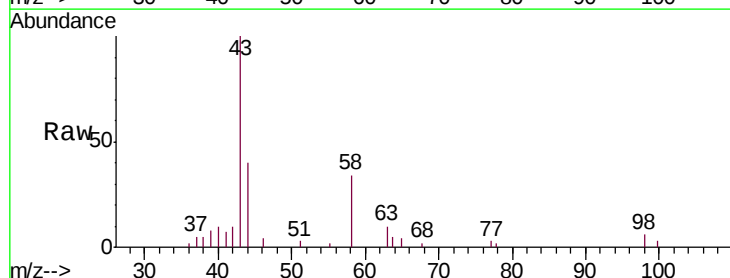
Acq: 25 Nov 2019 17:42

Tgt Ion: 43 Resp: 8762

Ion Ratio Lower Upper

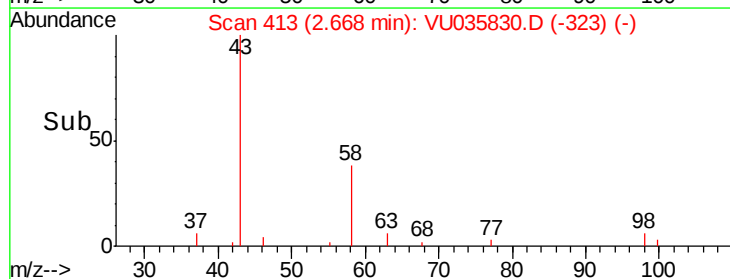
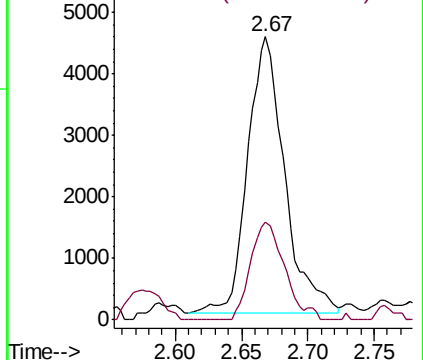
43 100

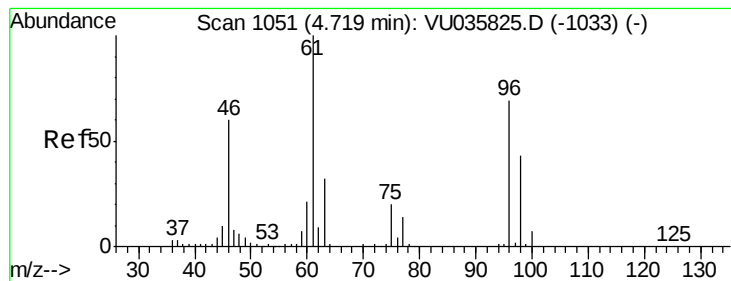
58 32.4 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.096 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VU035830.D

Acq: 25 Nov 2019 17:42

Instrument :

MSVOA_U

ClientSampleId :

GARE4

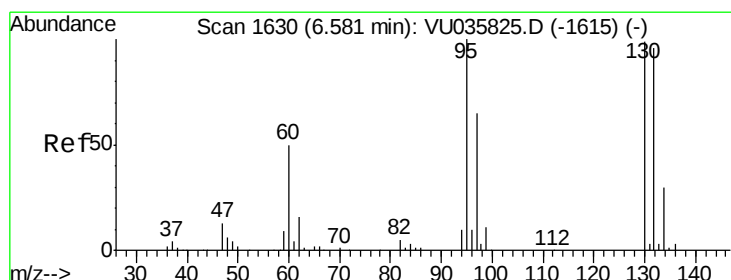
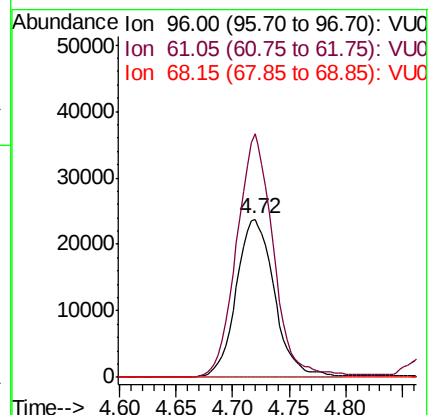
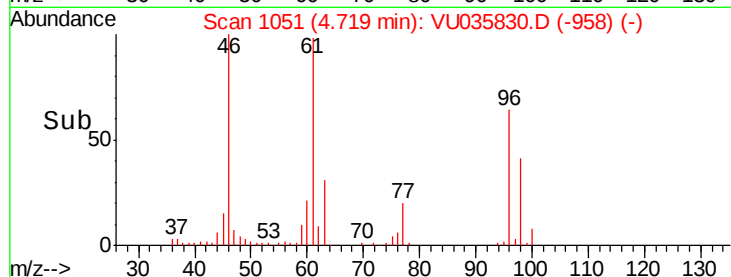
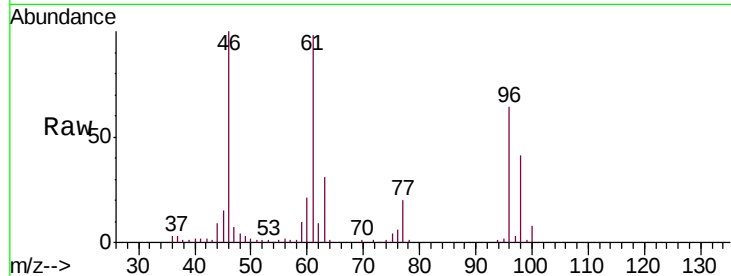
Tgt Ion: 96 Resp: 55922

Ion Ratio Lower Upper

96 100

61 154.2 98.1 182.1

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 23.734 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035830.D

Acq: 25 Nov 2019 17:42

Tgt Ion: 95 Resp: 649894

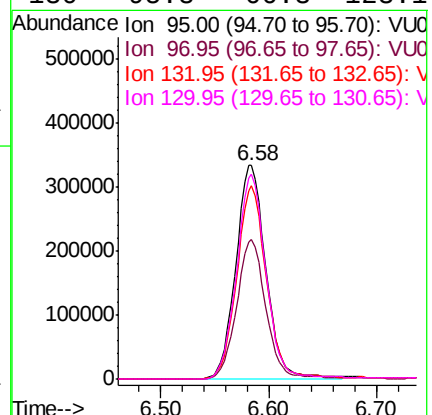
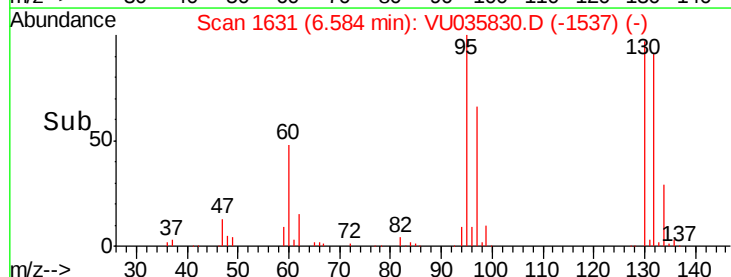
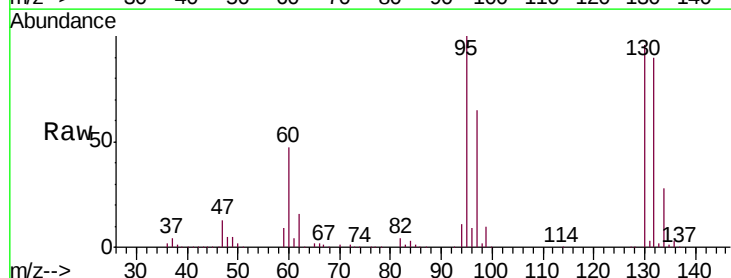
Ion Ratio Lower Upper

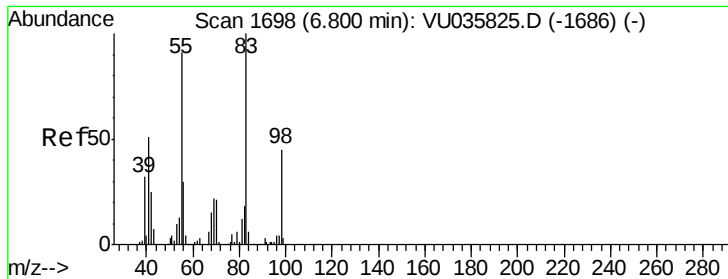
95 100

97 65.3 45.1 83.9

132 90.4 61.9 114.9

130 95.8 66.3 123.1

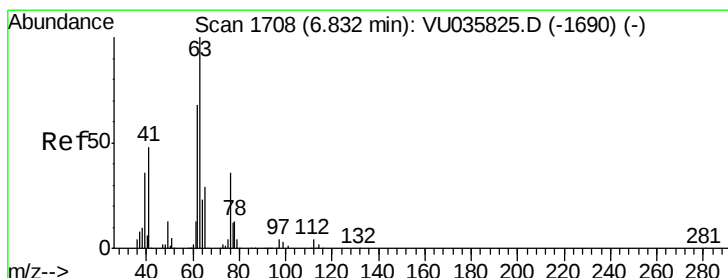
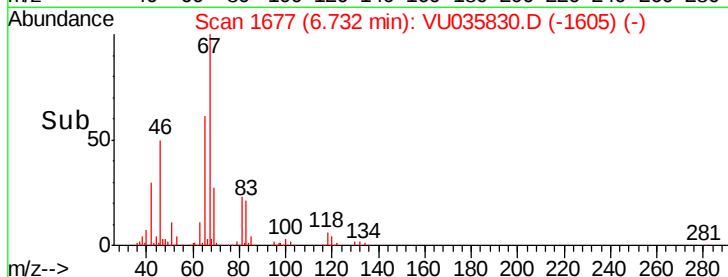
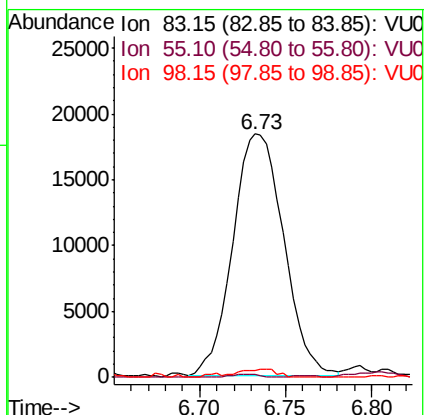
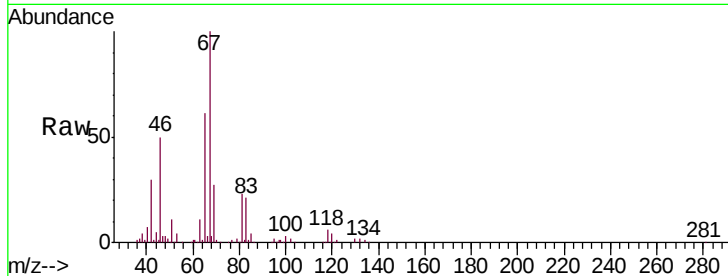




#35
Methylcyclohexane
Concen: 0.935 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035830.D
Acq: 25 Nov 2019 17:42

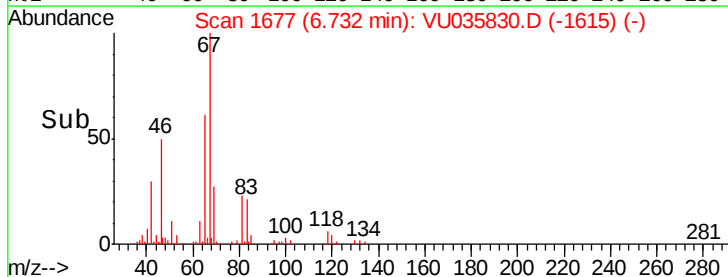
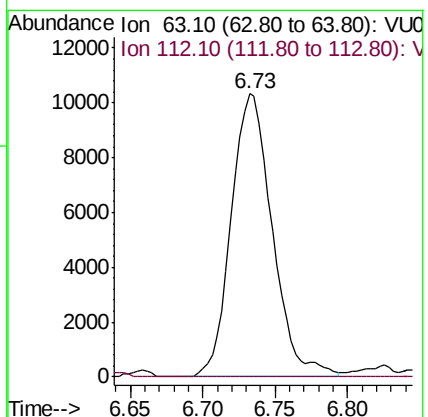
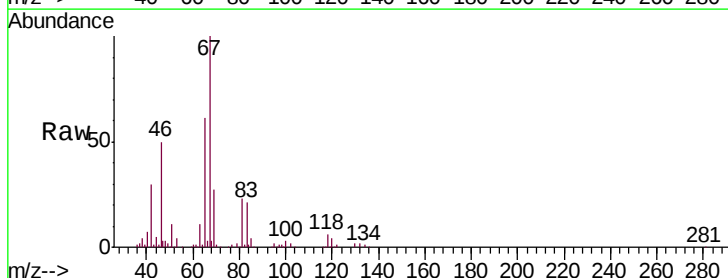
Instrument :
MSVOA_U
ClientSampleId :
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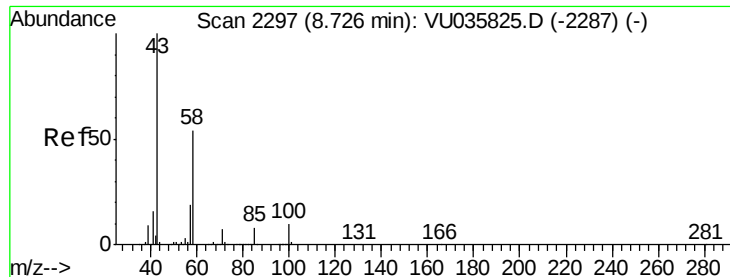
Tgt Ion: 83 Resp: 37584
Ion Ratio Lower Upper
83 100
55 0.7 72.7 109.1#
98 2.4 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035830.D
Acq: 25 Nov 2019 17:42

Tgt Ion: 63 Resp: 20358
Ion Ratio Lower Upper
63 100
112 0.6 2.7 4.1#

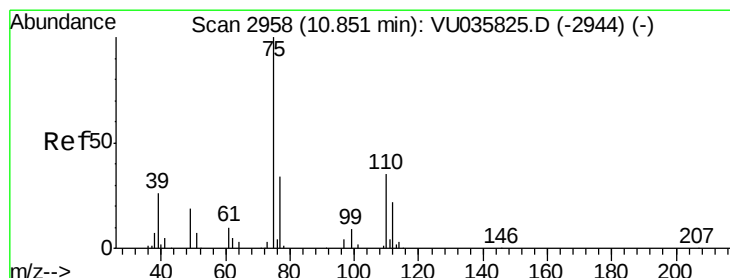
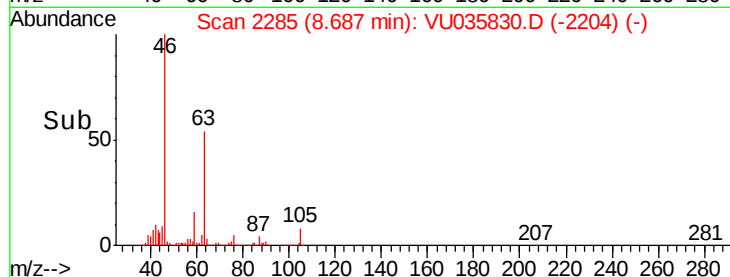
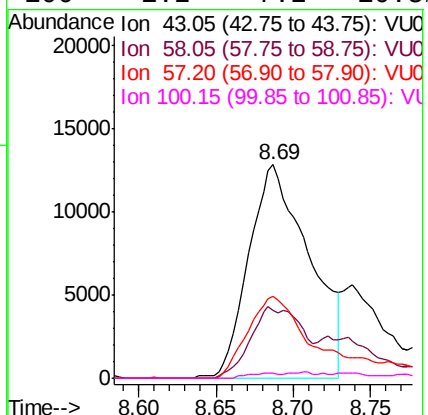
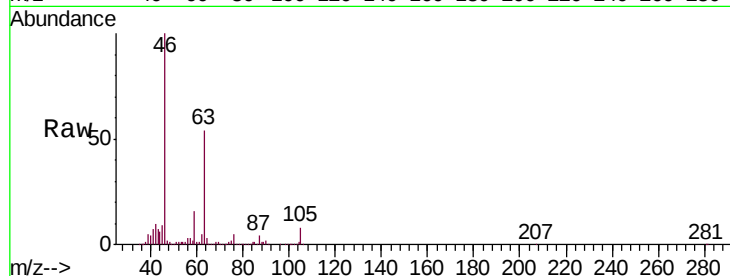




#48
2-Hexanone
Concen: 2.440 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.04 min
Lab File: VU035830.D
Acq: 25 Nov 2019 17:42

Instrument :
MSVOA_U
ClientSampleId :
GARE4

Tgt Ion: 43 Resp: 34941
Ion Ratio Lower Upper
43 100
58 28.3 39.8 59.8#
57 41.9 14.0 21.0#
100 1.2 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.574 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035830.D
Acq: 25 Nov 2019 17:42

Tgt Ion: 75 Resp: 11827
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.2

