

Data File : VU035859.D
Acq On : 26 Nov 2019 15:40
Operator : JC/SP
Sample : K5992-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARF5

Quant Time: Nov 27 01:23:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	221069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84172	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147376	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.93	69	132319	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	175750	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.69	46	312000	46.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	5.11	84	232763	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	131545	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.77	84	447744	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	157817	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.93	98	360529	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.21	79	52374	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.68	63	239955	46.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	120995	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	91660	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

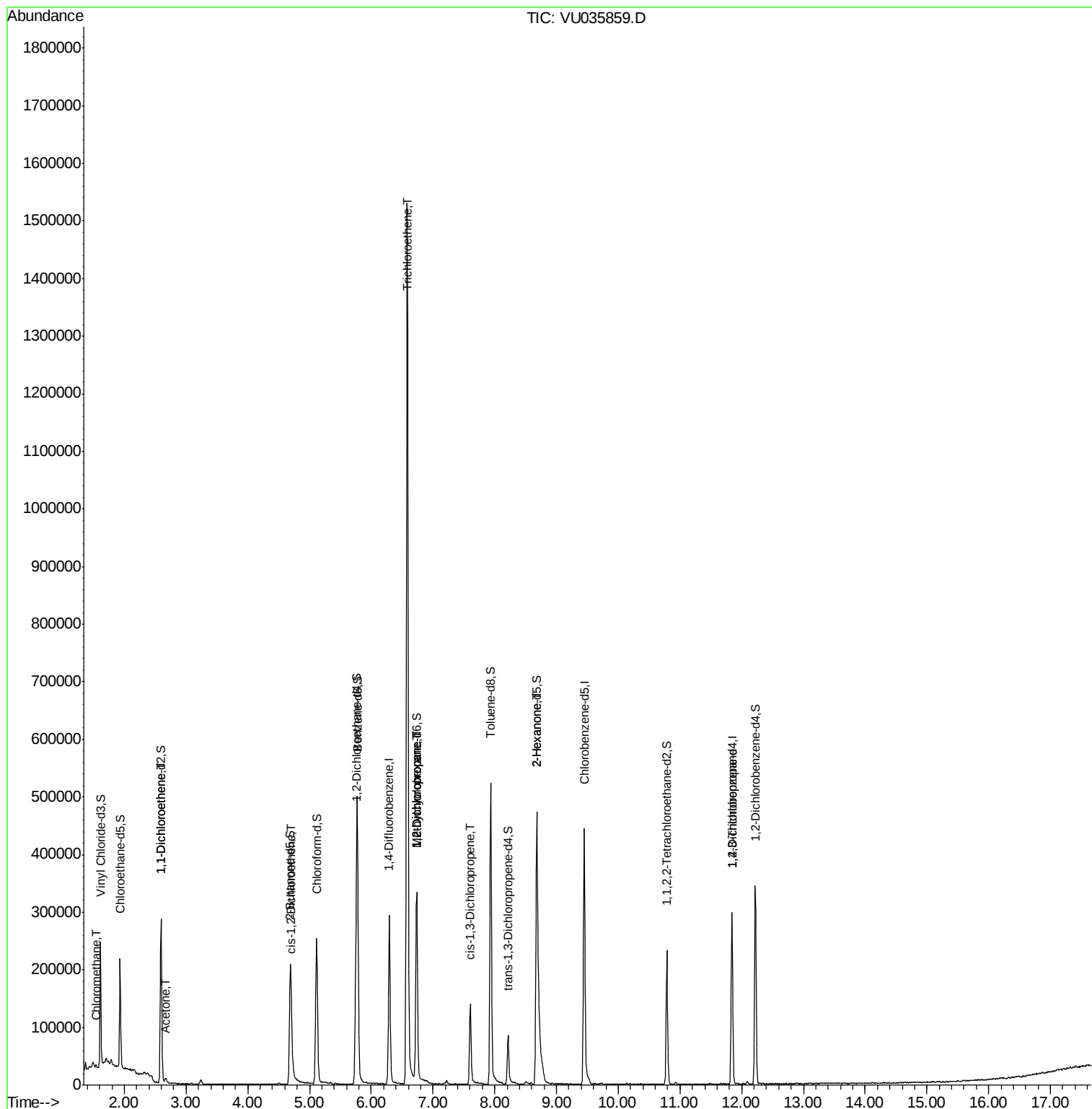
					Qvalue
3) Chloromethane	1.54	50	3779	0.102 ug/L	94
12) 1,1-Dichloroethene	2.60	96	1975	0.086 ug/L #	1
13) Acetone	2.67	43	9719	1.656 ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	6888	0.273 ug/L	93
34) Trichloroethene	6.58	95	546609	20.680 ug/L	99
35) Methylcyclohexane	6.73	83	34486	0.889 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	16691	0.546 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	2969	0.075 ug/L #	13
48) 2-Hexanone	8.68	43	39756	2.877 ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	11697	0.588 ug/L	96

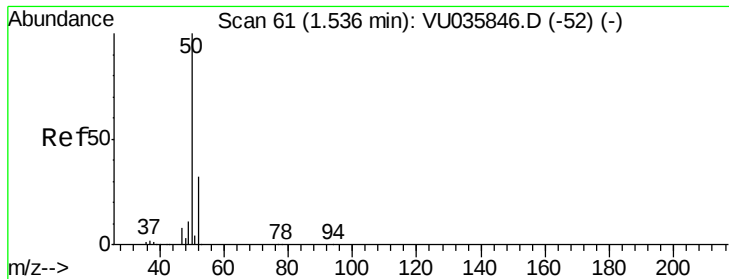
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

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Acq: 26 Nov 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

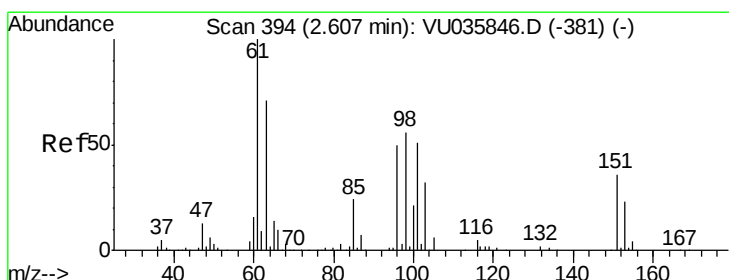
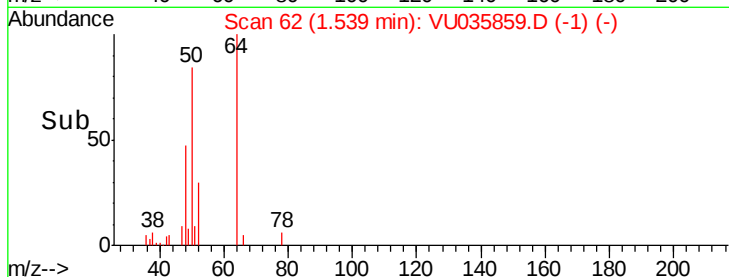
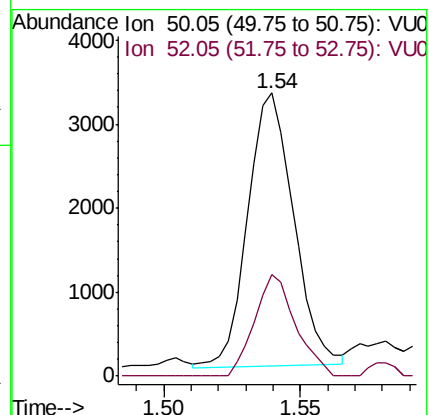
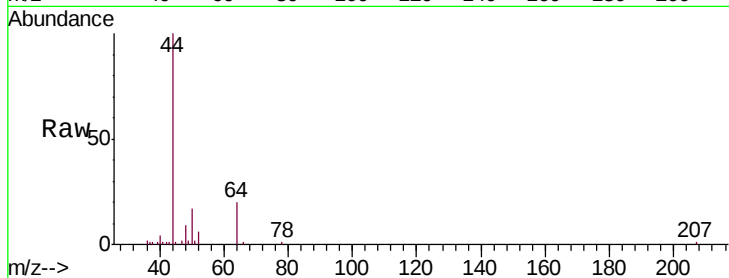
GARF5

Tgt Ion: 50 Resp: 3779

Ion Ratio Lower Upper

50 100

52 35.8 22.7 42.3



#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

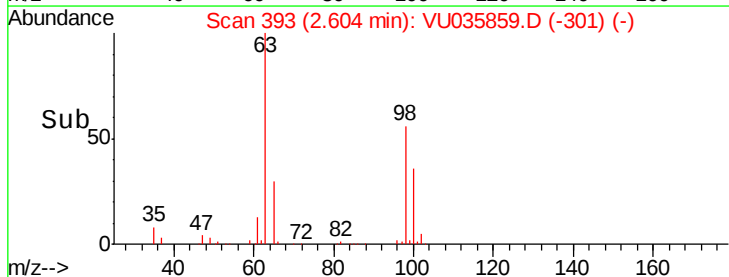
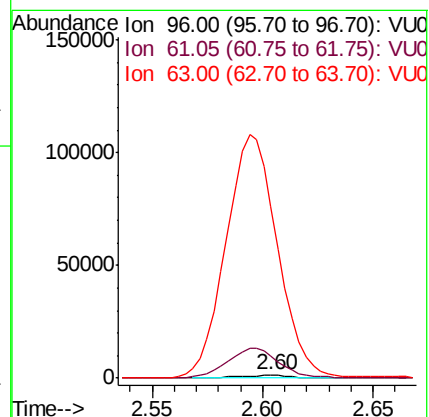
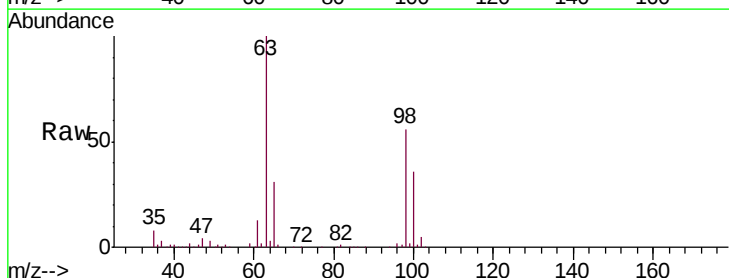
Tgt Ion: 96 Resp: 1975

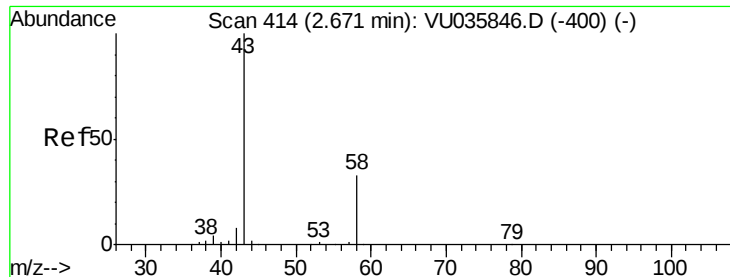
Ion Ratio Lower Upper

96 100

61 731.0 139.3 258.7#

63 5773.5 93.7 174.1#





#13

Acetone

Concen: 1.656 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

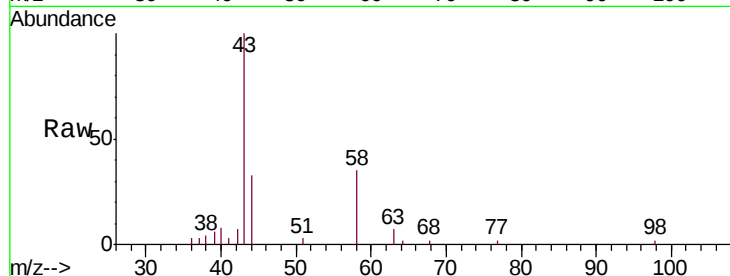
GARF5

Tgt Ion: 43 Resp: 9719

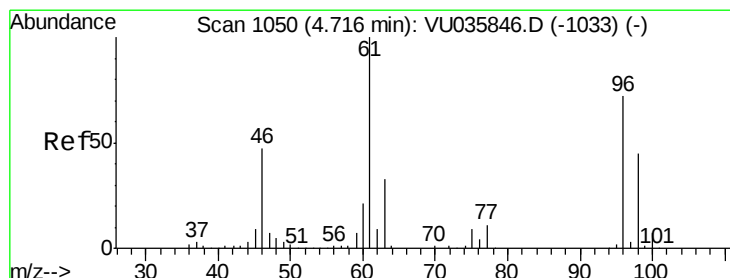
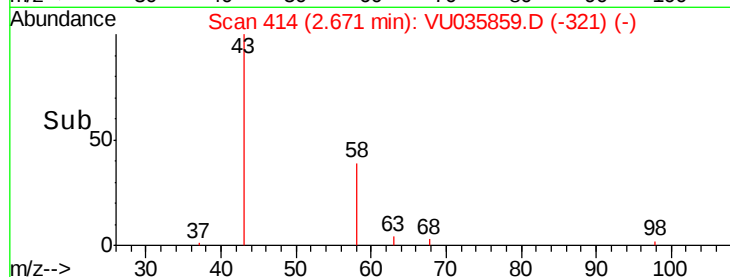
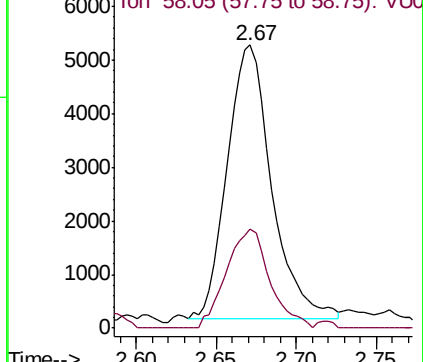
Ion Ratio Lower Upper

43 100

58 35.1 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035846.D (-400) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.273 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

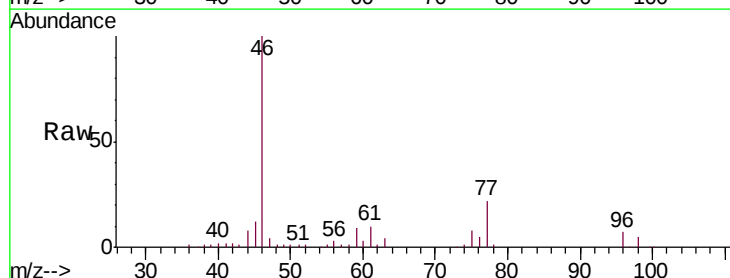
Tgt Ion: 96 Resp: 6888

Ion Ratio Lower Upper

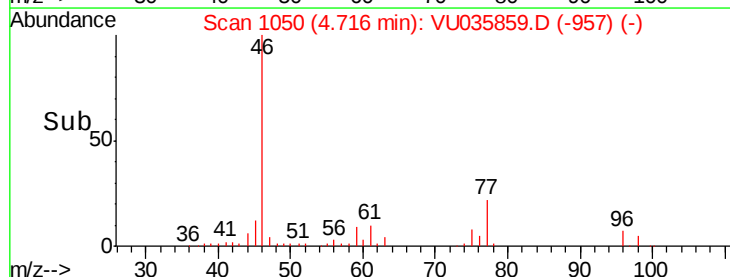
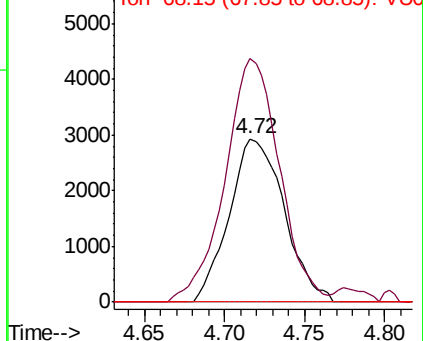
96 100

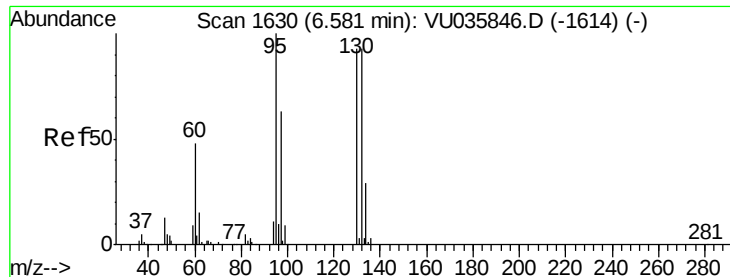
61 149.1 98.1 182.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-1033) (-)





#34

Trichloroethene

Concen: 20.680 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

GARF5

Tgt Ion: 95 Resp: 546609

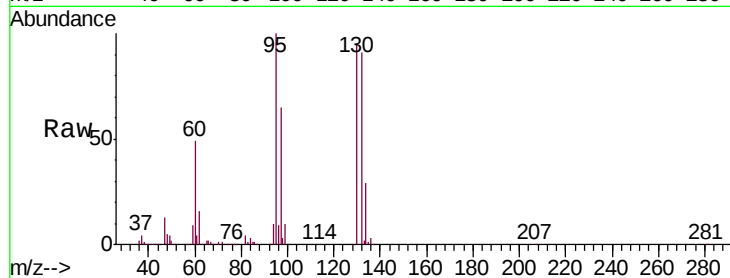
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 91.1 61.9 114.9

130 94.8 66.3 123.1

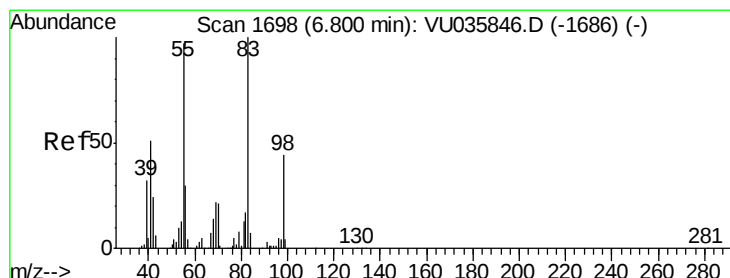
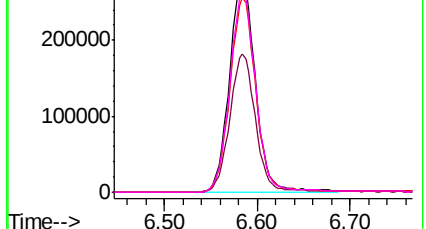
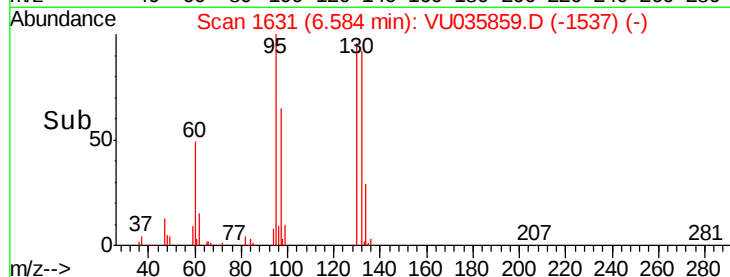


Abundance Ion 95.00 (94.70 to 95.70): VU035846.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU035846.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU035846.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU035846.D (-1614) (-)



#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

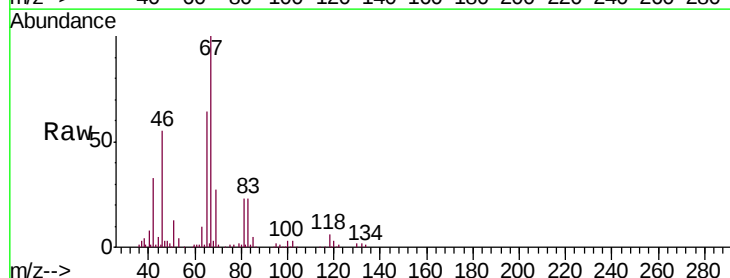
Tgt Ion: 83 Resp: 34486

Ion Ratio Lower Upper

83 100

55 0.6 72.7 109.1#

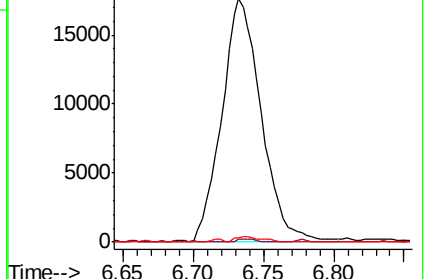
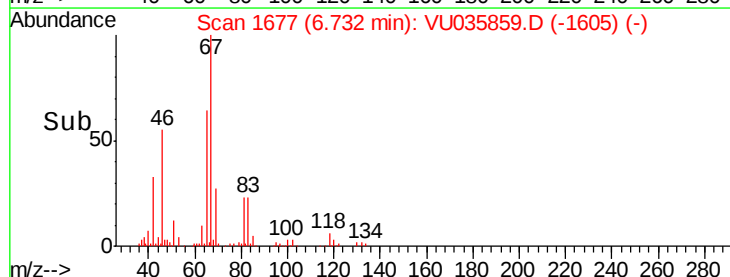
98 1.5 36.2 54.4#

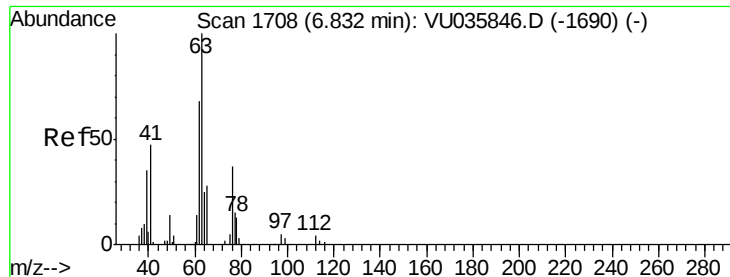


Abundance Ion 83.15 (82.85 to 83.85): VU035846.D (-1686) (-)

Ion 55.10 (54.80 to 55.80): VU035846.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU035846.D (-1686) (-)





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.09 min

Lab File: VU035859.D

Acq: 26 Nov 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

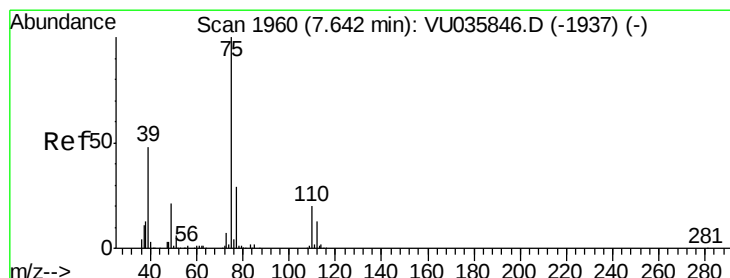
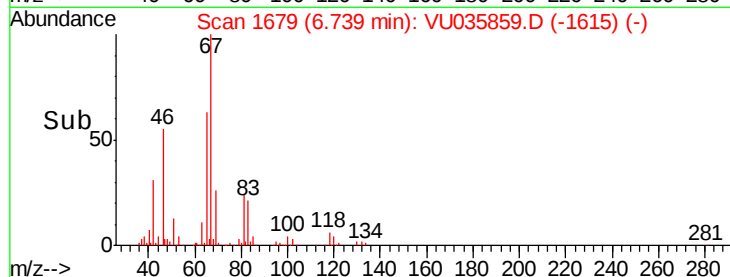
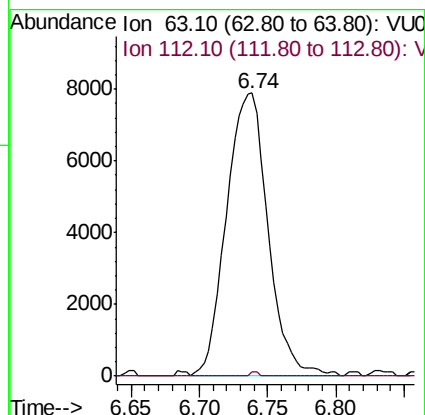
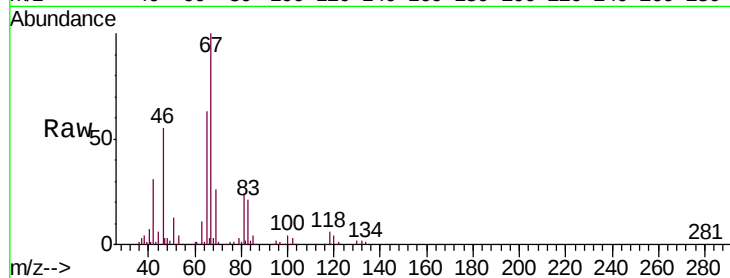
GARF5

Tgt Ion: 63 Resp: 16691

Ion Ratio Lower Upper

63 100

112 0.3 2.7 4.1#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU035859.D

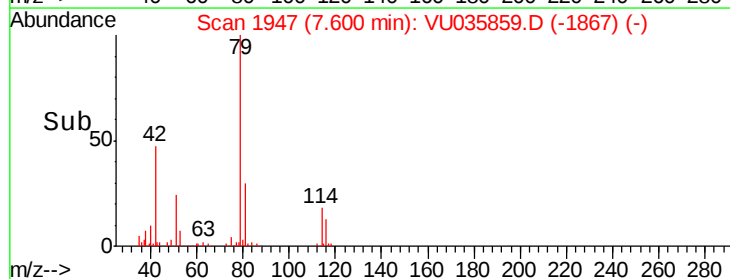
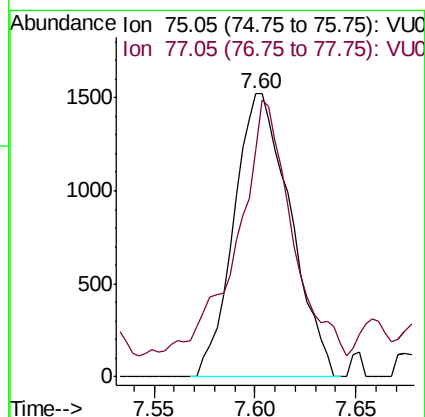
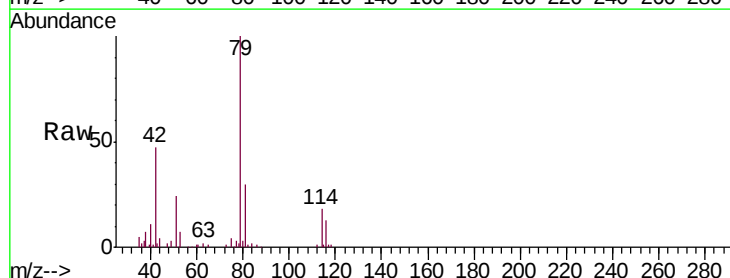
Acq: 26 Nov 2019 15:40

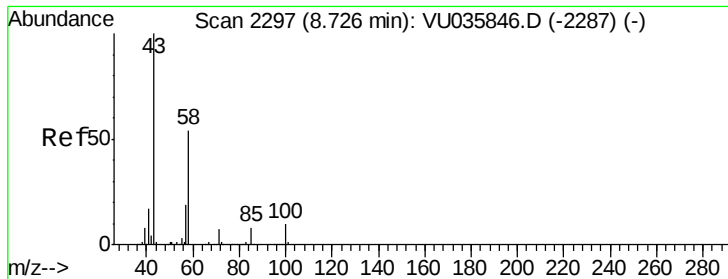
Tgt Ion: 75 Resp: 2969

Ion Ratio Lower Upper

75 100

77 80.0 22.1 41.1#

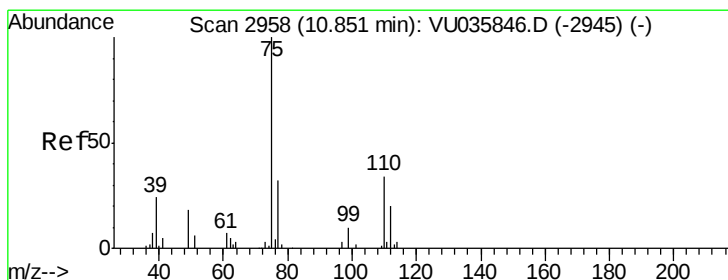
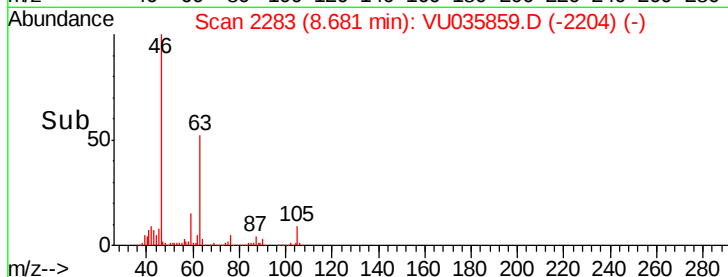
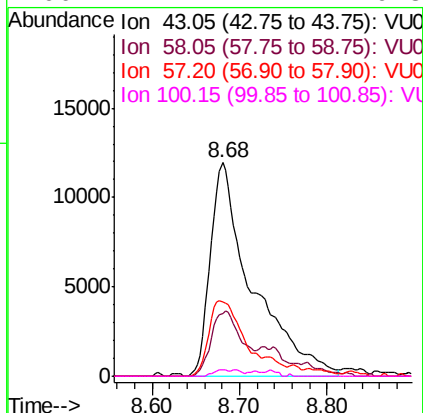
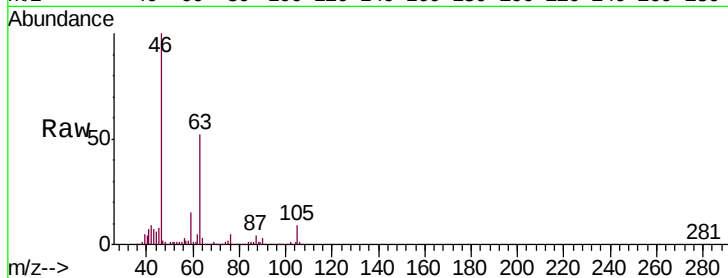




#48
2-Hexanone
Concen: 2.877 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU035859.D
Acq: 26 Nov 2019 15:40

Instrument :
MSVOA_U
ClientSampleId :
GARF5

Tgt Ion: 43 Resp: 39756
Ion Ratio Lower Upper
43 100
58 22.0 39.8 59.8#
57 28.2 14.0 21.0#
100 1.1 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.588 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035859.D
Acq: 26 Nov 2019 15:40

Tgt Ion: 75 Resp: 11697
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2

