

Data File : VU035836.D
Acq On : 25 Nov 2019 20:32
Operator : JC/SP
Sample : K5992-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE8

Quant Time: Nov 26 01:08:10 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	236162	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276495	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	127051	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	125802	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	166313	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.69	46	263114	36.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.70%
24) Chloroform-d	5.11	84	222382	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.75	65	145819	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.77	84	476876	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.74	67	175357	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	385879	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.21	79	58795	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.69	63	308595	55.51	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	146375	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	106656	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

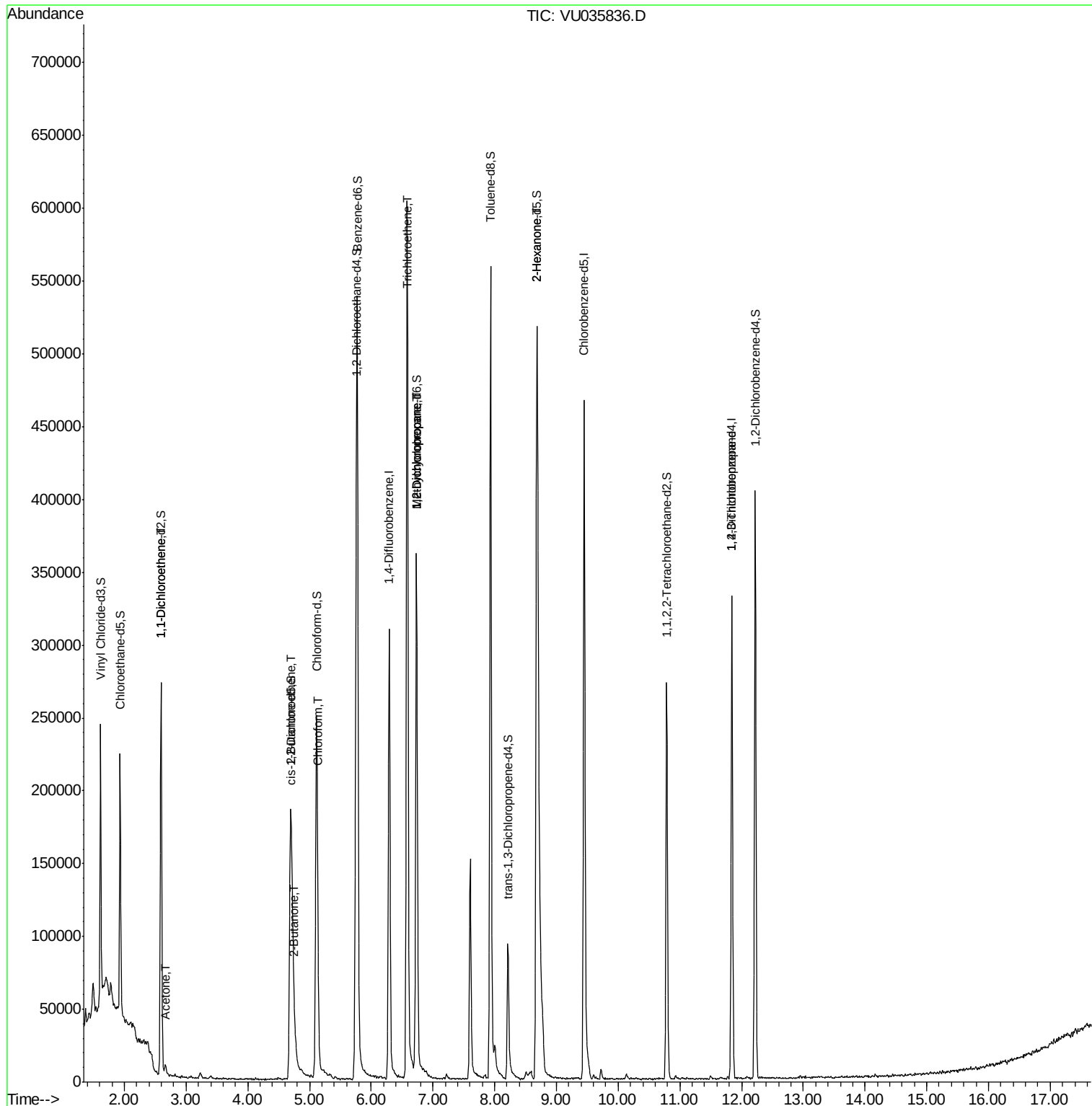
					Qvalue
12) 1,1-Dichloroethene	2.60	96	2099	0.085 ug/L #	1
13) Acetone	2.67	43	7631	1.217 ug/L	96
21) 2-Butanone	4.76	43	34451	4.342 ug/L #	71
22) cis-1,2-Dichloroethene	4.72	96	19379	0.719 ug/L	98
25) Chloroform	5.14	83	36012	0.681 ug/L	99
34) Trichloroethene	6.58	95	215472	7.615 ug/L	97
35) Methylcyclohexane	6.73	83	38244	0.921 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	19033	0.581 ug/L #	90
48) 2-Hexanone	8.69	43	50446	3.410 ug/L #	64
59) 1,2,3-Trichloropropane	11.84	75	12122	0.570 ug/L	90

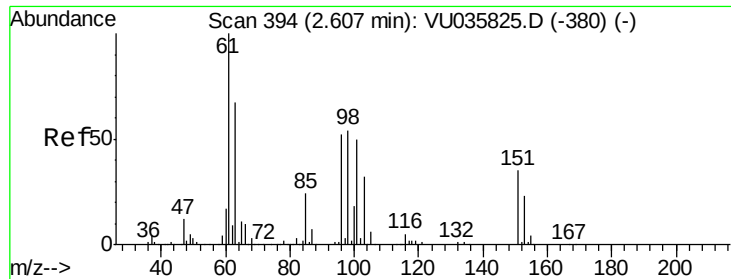
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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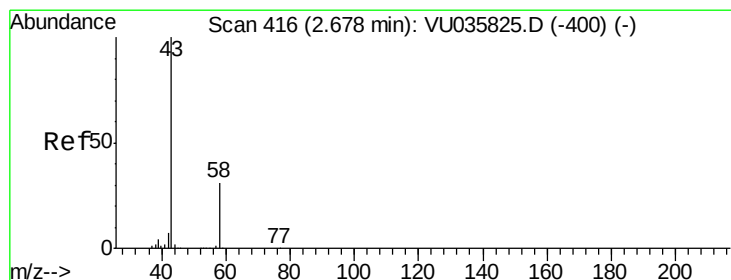
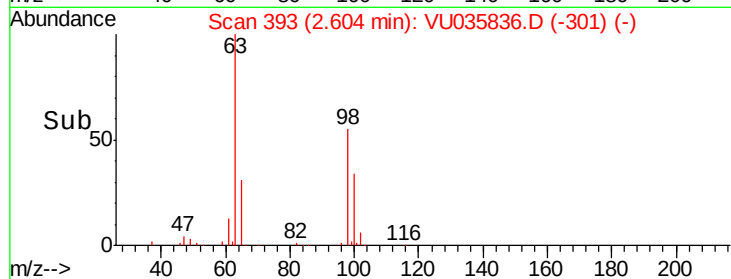
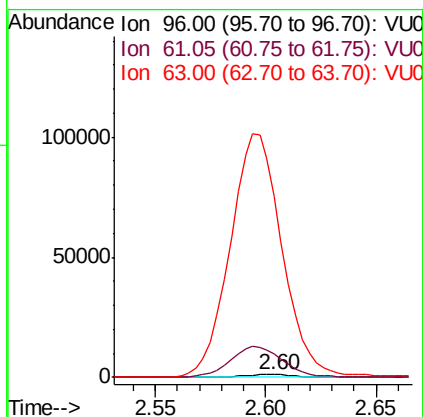
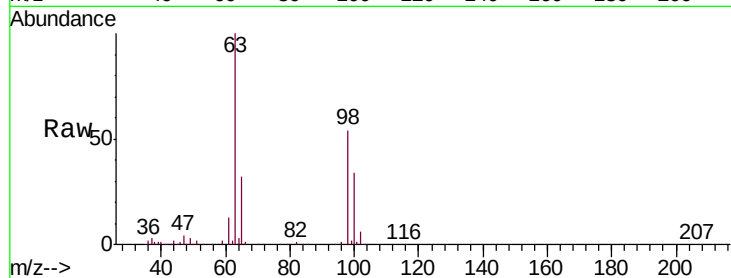




#12
 1,1-Dichloroethene
 Concen: 0.085 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU035836.D
 Acq: 25 Nov 2019 20:32

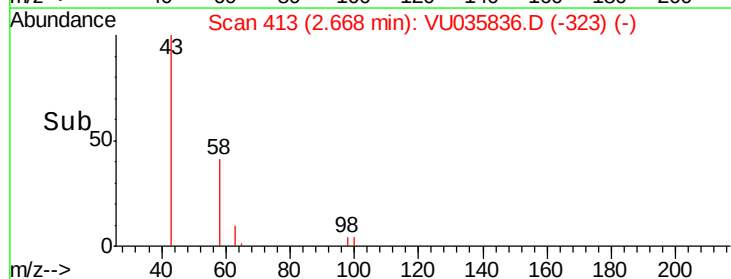
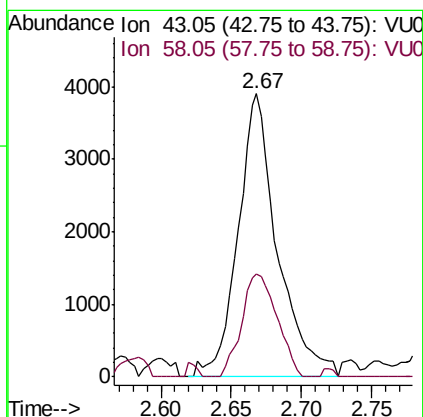
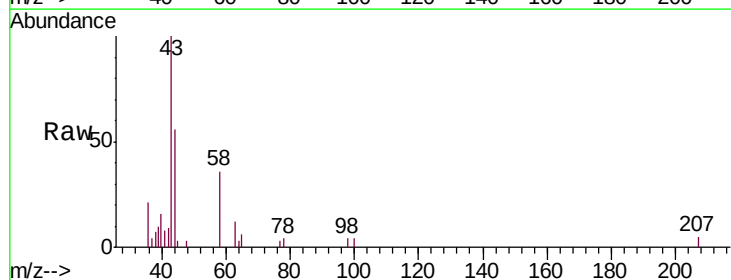
Instrument :
 MSVOA_U
 ClientSampleId :
 GARE8

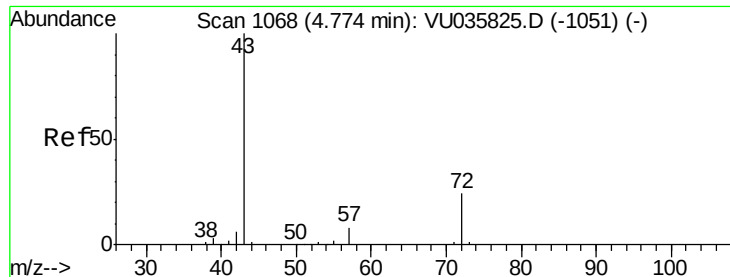
Tgt Ion: 96 Resp: 2099
 Ion Ratio Lower Upper
 96 100
 61 868.1 139.3 258.7#
 63 6708.5 93.7 174.1#



#13
 Acetone
 Concen: 1.217 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VU035836.D
 Acq: 25 Nov 2019 20:32

Tgt Ion: 43 Resp: 7631
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 61.2





#21

2-Butanone

Concen: 4.342 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. -0.01 min

Lab File: VU035836.D

Acq: 25 Nov 2019 20:32

Instrument :

MSVOA_U

ClientSampled :

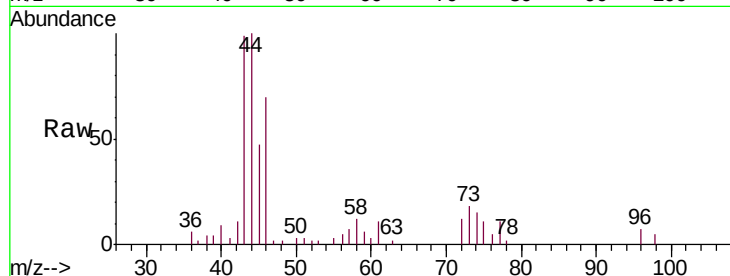
GARE8

Tgt Ion: 43 Resp: 34451

Ion Ratio Lower Upper

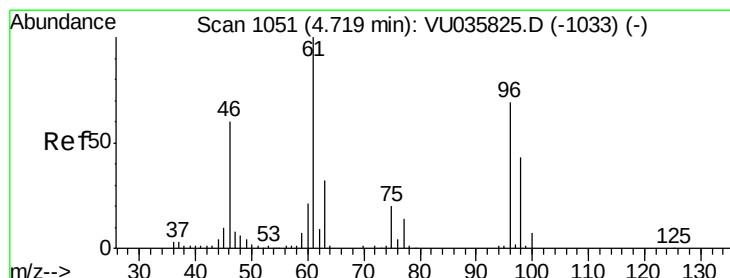
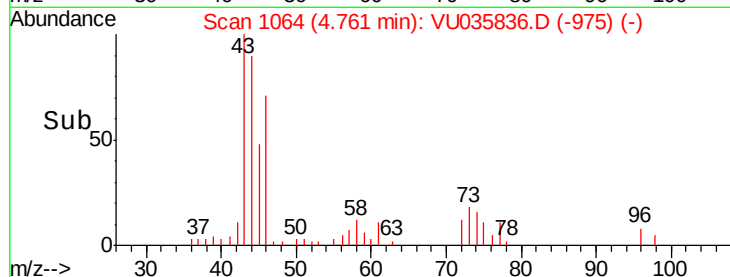
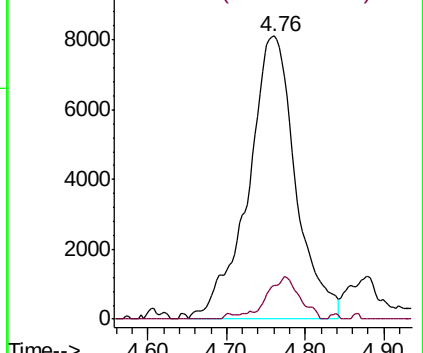
43 100

72 10.4 12.4 37.4#



Abundance Ion 43.05 (42.75 to 43.75): VU035825.D (-1051) (-)

Ion 72.10 (71.80 to 72.80): VU035825.D (-1051) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.719 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035836.D

Acq: 25 Nov 2019 20:32

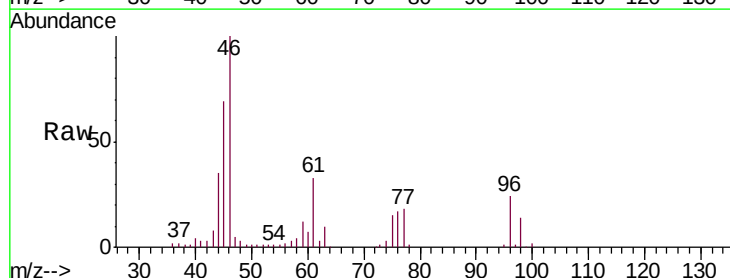
Tgt Ion: 96 Resp: 19379

Ion Ratio Lower Upper

96 100

61 137.4 98.1 182.1

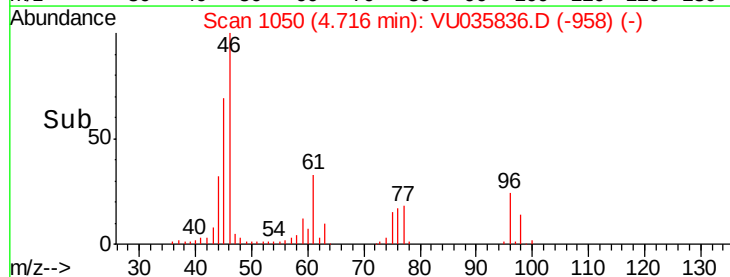
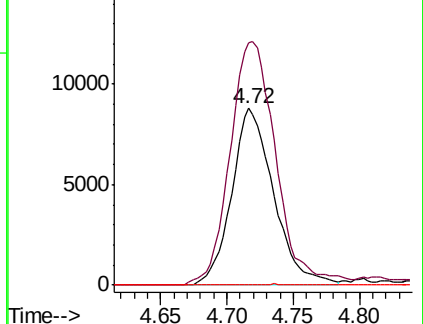
68 0.0 0.0 0.0

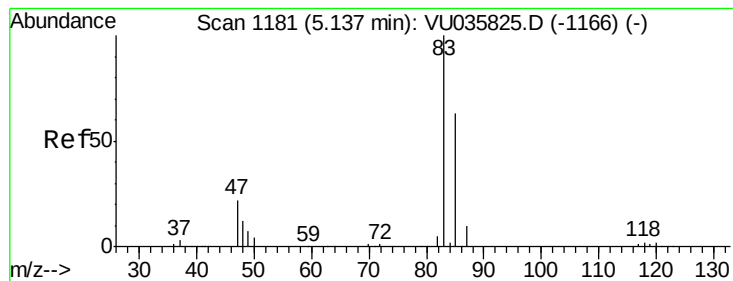


Abundance Ion 96.00 (95.70 to 96.70): VU035825.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035825.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035825.D (-1033) (-)





#25

Chloroform

Concen: 0.681 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035836.D

Acq: 25 Nov 2019 20:32

Instrument :

MSVOA_U

ClientSampleId :

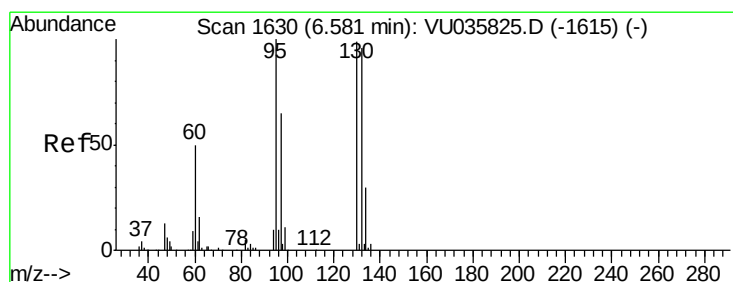
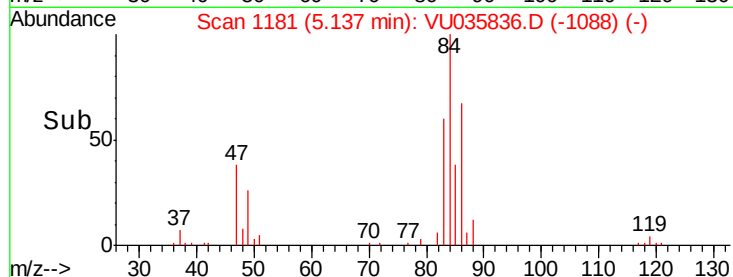
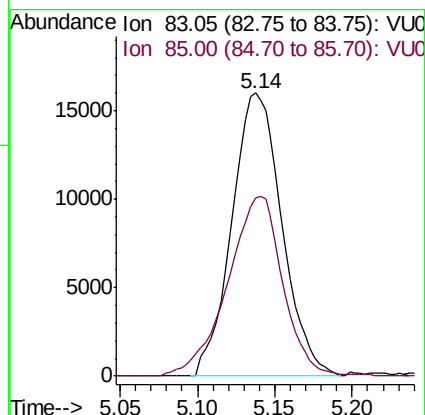
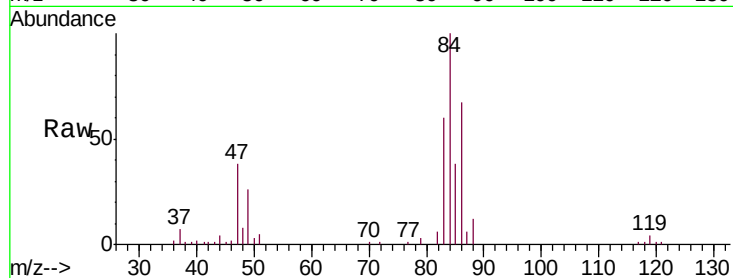
GARE8

Tgt Ion: 83 Resp: 36012

Ion Ratio Lower Upper

83 100

85 63.2 44.6 82.8



#34

Trichloroethene

Concen: 7.615 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035836.D

Acq: 25 Nov 2019 20:32

Tgt Ion: 95 Resp: 215472

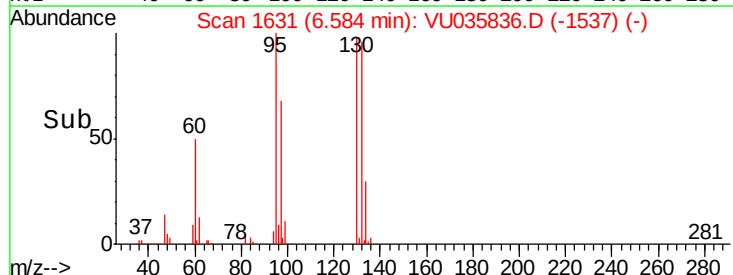
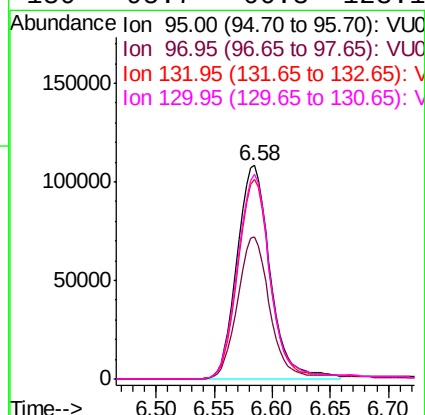
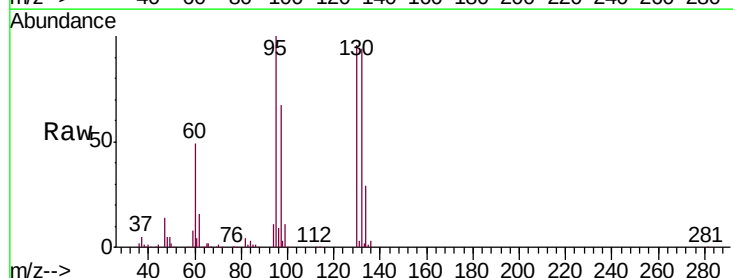
Ion Ratio Lower Upper

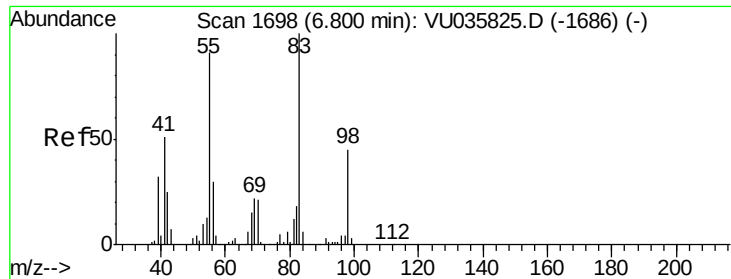
95 100

97 66.8 45.1 83.9

132 93.7 61.9 114.9

130 95.7 66.3 123.1

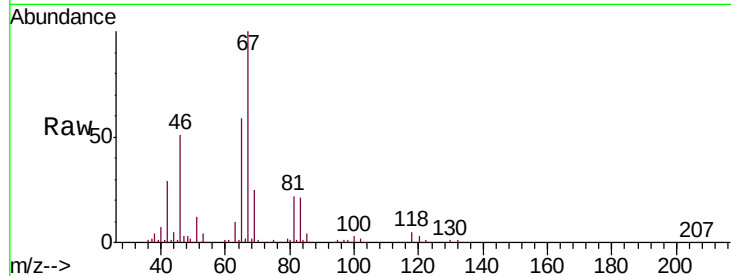




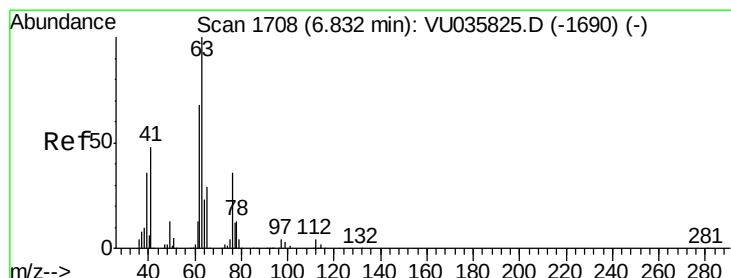
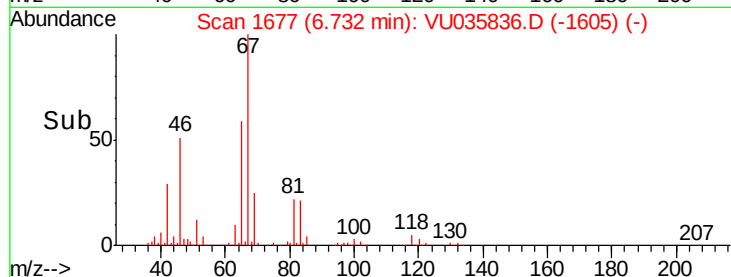
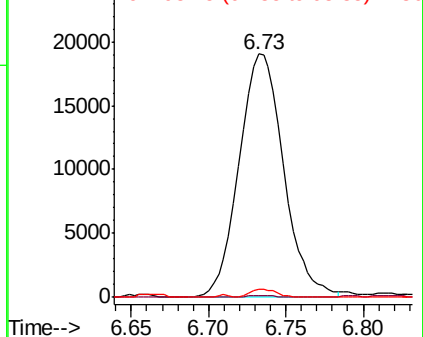
#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035836.D
Acq: 25 Nov 2019 20:32

Instrument :
MSVOA_U
ClientSampleId :
GARE8

Tgt Ion: 83 Resp: 38244
Ion Ratio Lower Upper
83 100
55 0.4 72.7 109.1#
98 2.0 36.2 54.4#

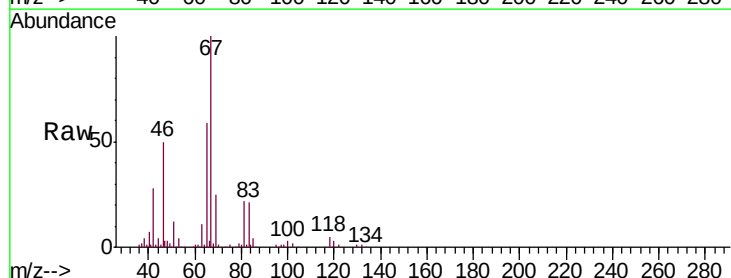


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

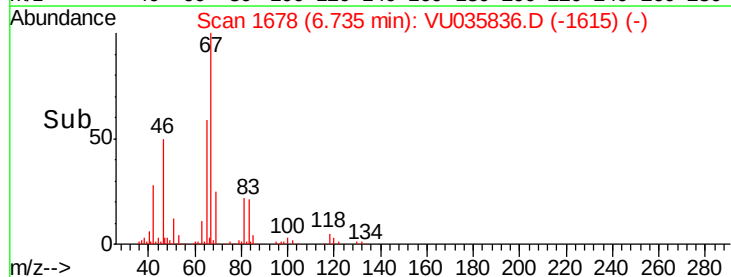
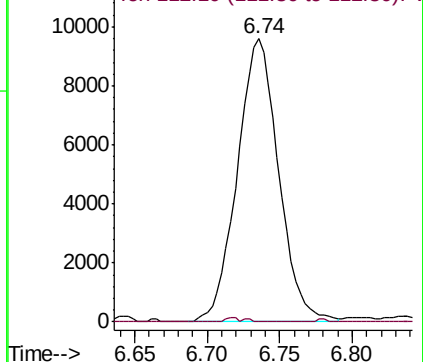


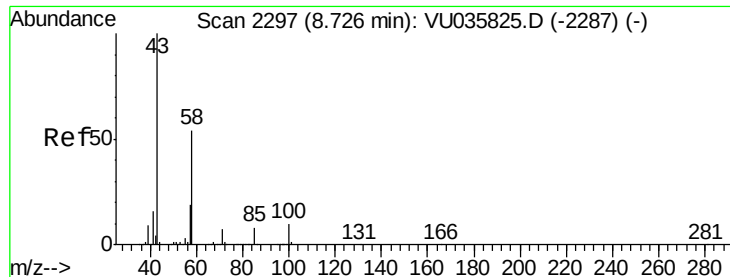
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035836.D
Acq: 25 Nov 2019 20:32

Tgt Ion: 63 Resp: 19033
Ion Ratio Lower Upper
63 100
112 0.2 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

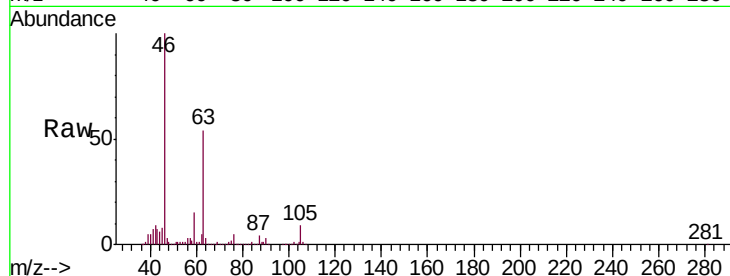




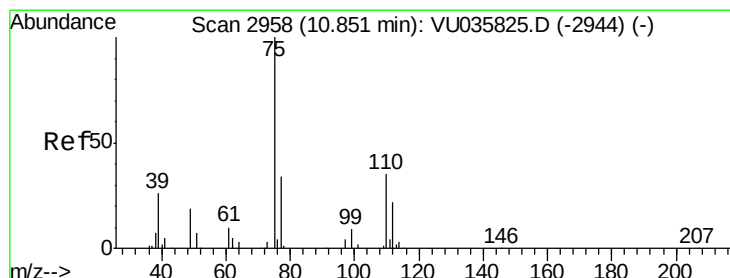
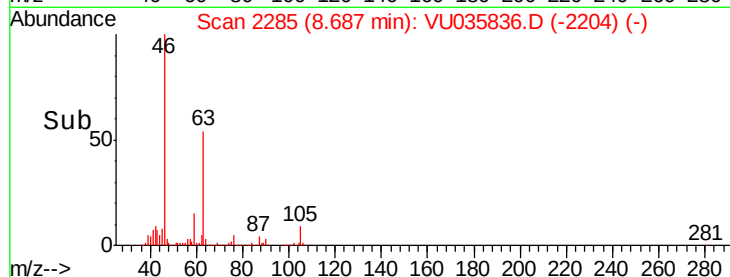
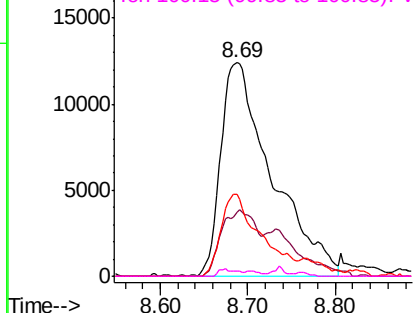
#48
 2-Hexanone
 Concen: 3.410 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU035836.D
 Acq: 25 Nov 2019 20:32

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE8

Tgt Ion: 43 Resp: 50446
 Ion Ratio Lower Upper
 43 100
 58 21.1 39.8 59.8#
 57 29.7 14.0 21.0#
 100 0.8 7.2 10.8#

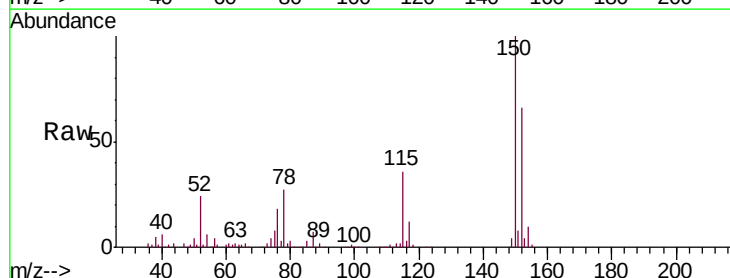


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.570 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035836.D
 Acq: 25 Nov 2019 20:32

Tgt Ion: 75 Resp: 12122
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

