

Data File : VU035872.D
Acq On : 26 Nov 2019 21:20
Operator : JC/SP
Sample : K6057-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA4

Quant Time: Nov 27 03:21:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	210662	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	245931	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	70611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	148960	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.93	69	137832	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.80%
11) 1,1-Dichloroethene-d2	2.60	63	184060	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.69	46	293290	46.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.11	84	230979	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.75	65	134514	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.77	84	463603	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.73	67	163149	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.93	98	359941	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.22	79	51371	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.69	63	246163	49.78	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	128754	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	87047	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

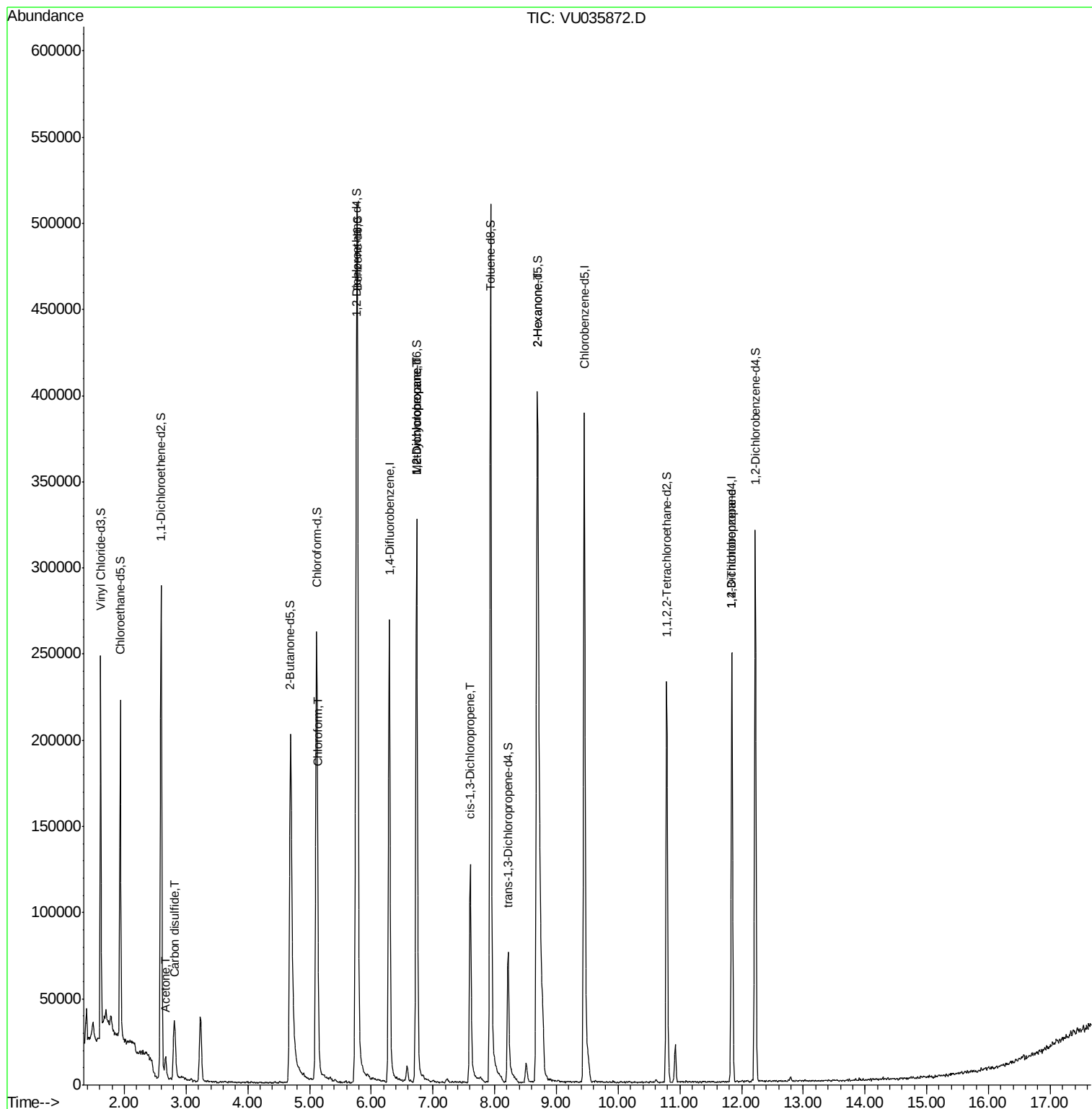
					Qvalue
13) Acetone	2.67	43	12890	2.305	ug/L 90
14) Carbon disulfide	2.83	76	17682	0.243	ug/L 96
25) Chloroform	5.14	83	14783	0.313	ug/L 100
35) Methylcyclohexane	6.74	83	34052	0.922	ug/L # 14
37) 1,2-Dichloropropane	6.74	63	16910	0.581	ug/L # 90
39) cis-1,3-Dichloropropene	7.60	75	3533	0.094	ug/L # 40
48) 2-Hexanone	8.69	43	41652	3.165	ug/L # 68
59) 1,2,3-Trichloropropane	11.84	75	9131	0.482	ug/L 89

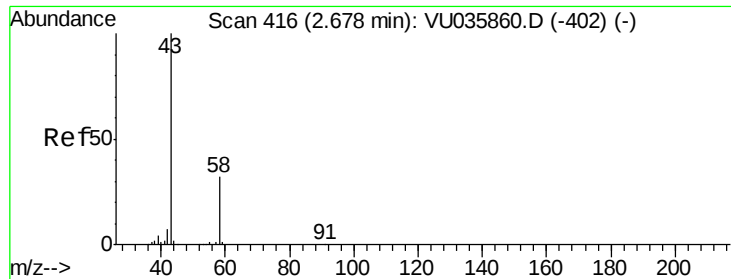
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.305 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035872.D

Acq: 26 Nov 2019 21:20

Instrument :

MSVOA_U

ClientSampleId :

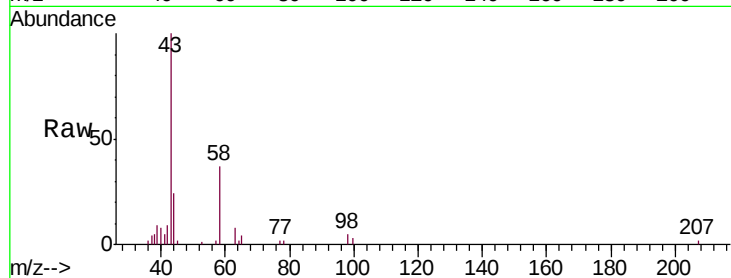
C0AA4

Tgt Ion: 43 Resp: 12890

Ion Ratio Lower Upper

43 100

58 36.3 0.0 61.2

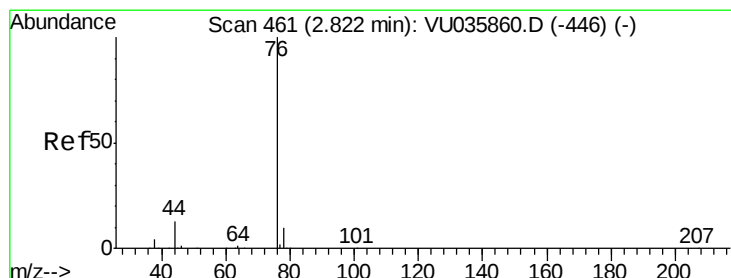
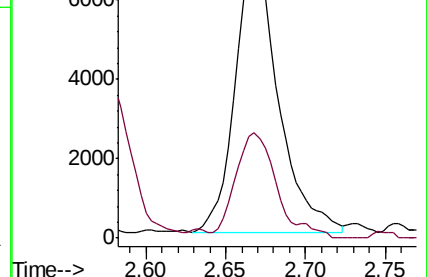
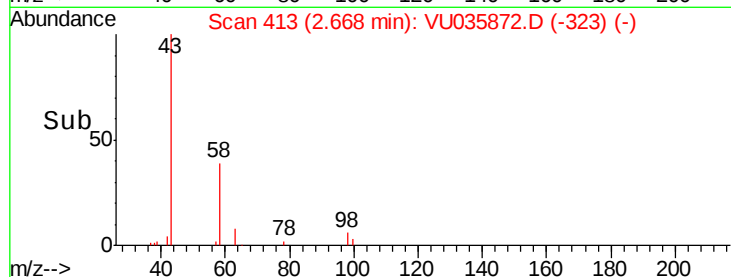


Abundance Ion 43.05 (42.75 to 43.75): VU035860.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035860.D (-402) (-)

2.67

Time-->



#14

Carbon disulfide

Concen: 0.243 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035872.D

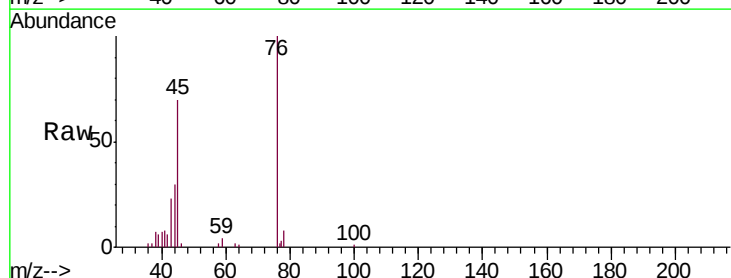
Acq: 26 Nov 2019 21:20

Tgt Ion: 76 Resp: 17682

Ion Ratio Lower Upper

76 100

78 7.7 7.3 10.9

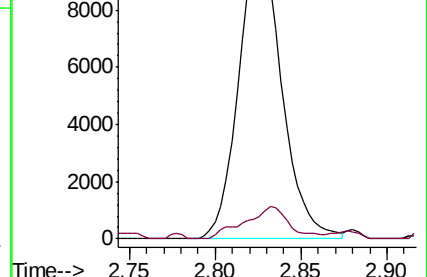
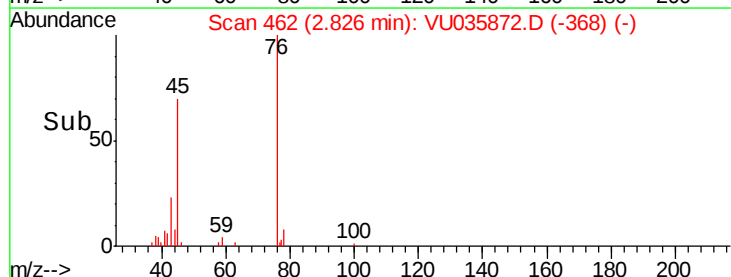


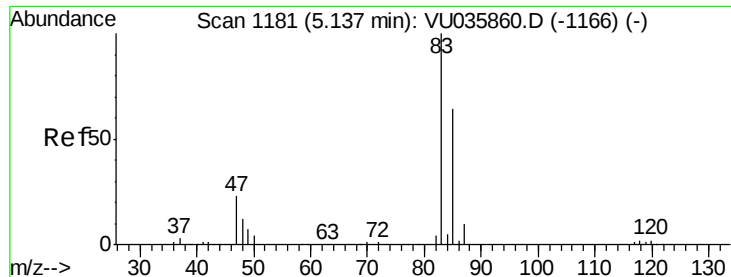
Abundance Ion 76.05 (75.75 to 76.75): VU035860.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035860.D (-446) (-)

2.83

Time-->

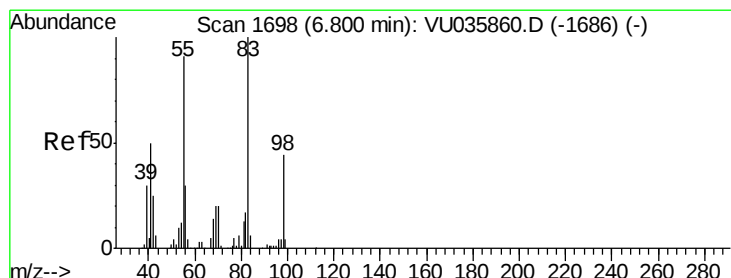
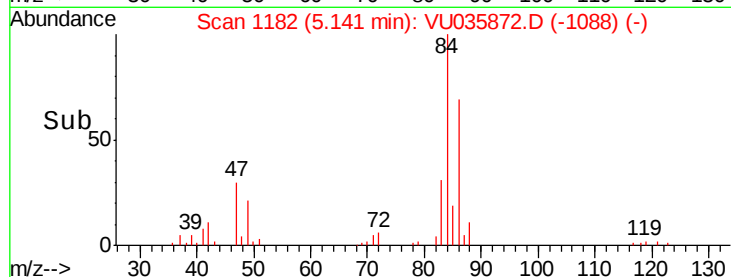
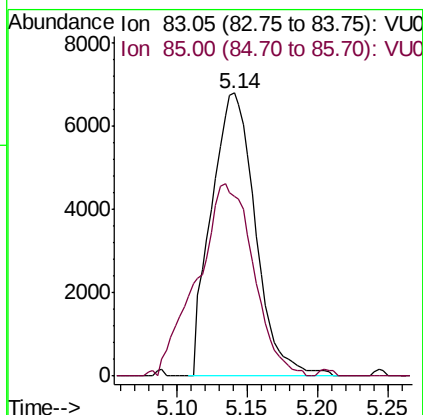
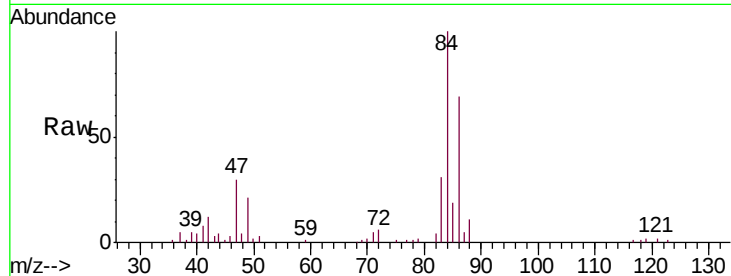




#25
Chloroform
Concen: 0.313 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035872.D
Acq: 26 Nov 2019 21:20

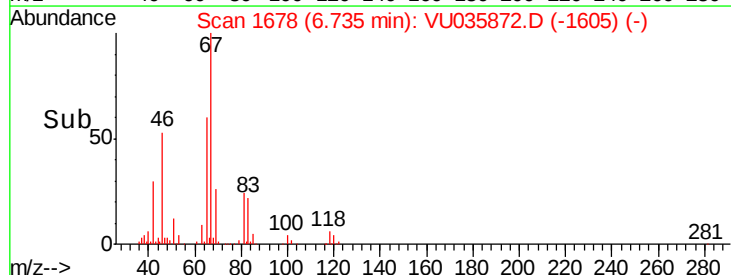
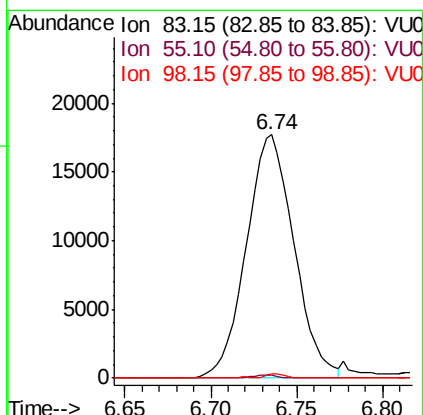
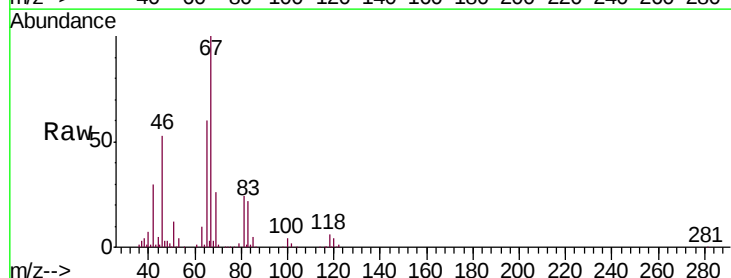
Instrument :
MSVOA_U
ClientSampleId :
C0AA4

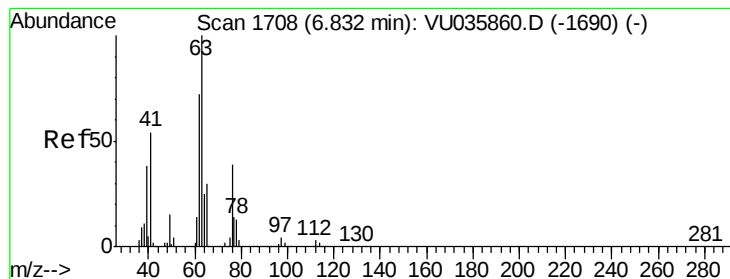
Tgt Ion: 83 Resp: 14783
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8



#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035872.D
Acq: 26 Nov 2019 21:20

Tgt Ion: 83 Resp: 34052
Ion Ratio Lower Upper
83 100
55 0.6 72.7 109.1#
98 0.7 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035872.D

Acq: 26 Nov 2019 21:20

Instrument :

MSVOA_U

ClientSampleId :

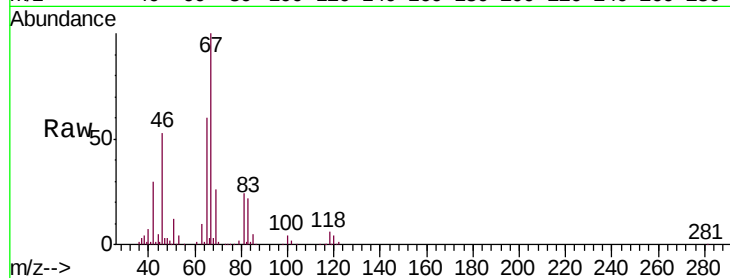
C0AA4

Tgt Ion: 63 Resp: 16910

Ion Ratio Lower Upper

63 100

112 0.3 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU035860.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035860.D (-1690) (-)

6.74

8000

6000

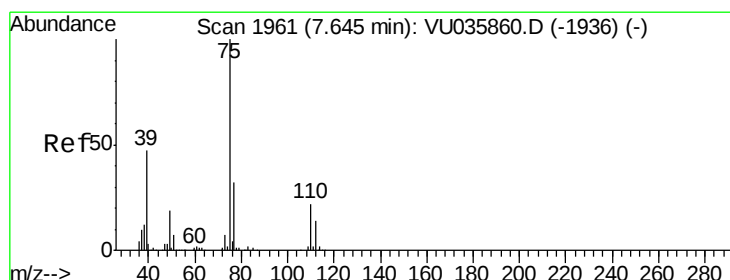
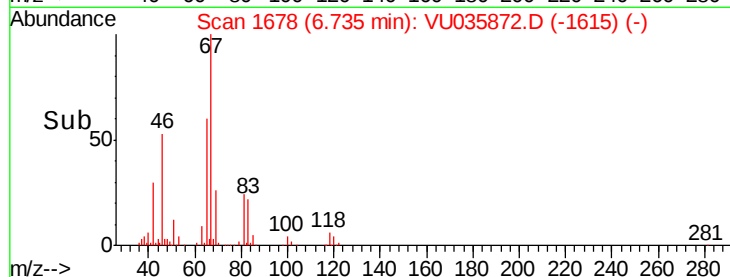
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.05 min

Lab File: VU035872.D

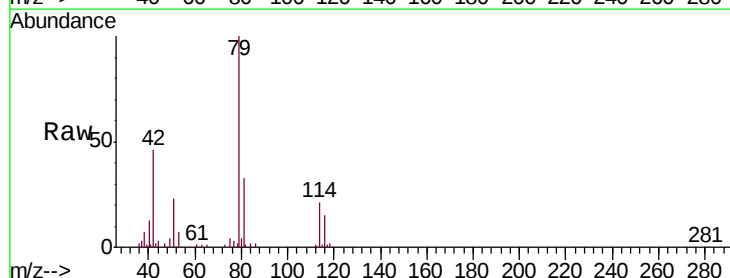
Acq: 26 Nov 2019 21:20

Tgt Ion: 75 Resp: 3533

Ion Ratio Lower Upper

75 100

77 65.1 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035860.D (-1936) (-)

Ion 77.05 (76.75 to 77.75): VU035860.D (-1936) (-)

7.60

2000

1500

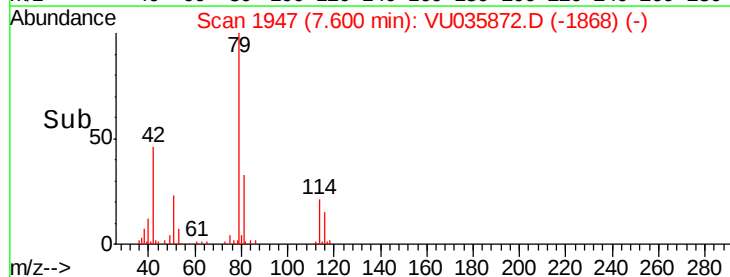
1000

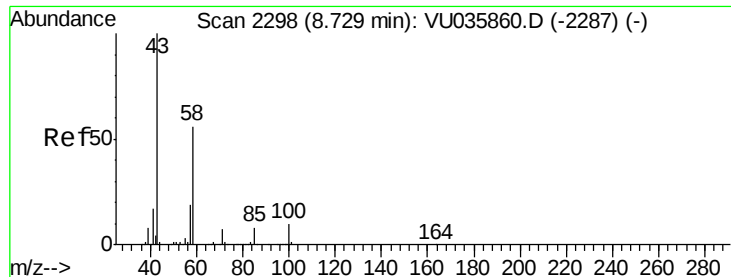
500

0

7.55 7.60 7.65

Time-->

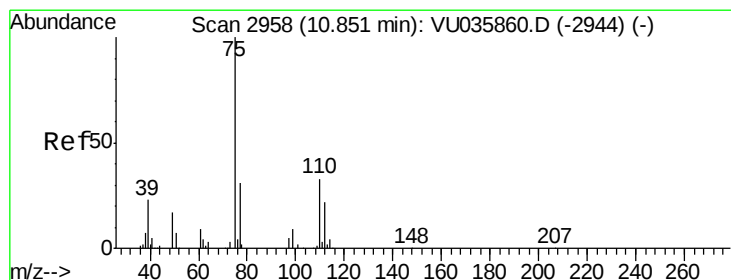
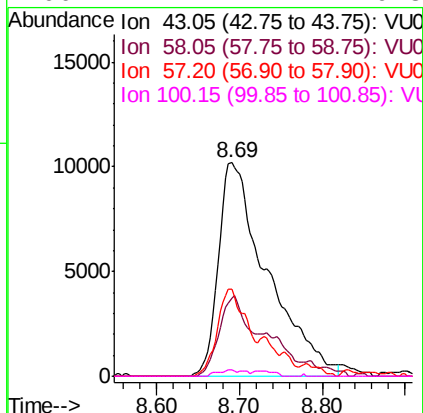
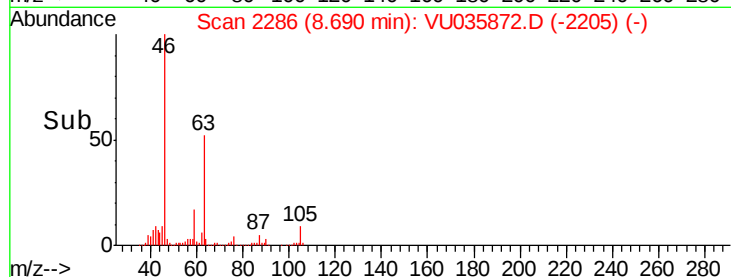
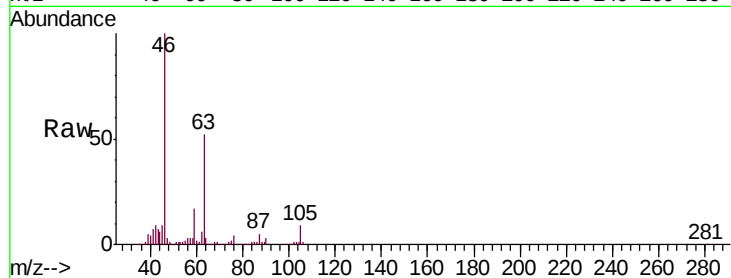




#48
2-Hexanone
Concen: 3.165 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035872.D
Acq: 26 Nov 2019 21:20

Instrument :
MSVOA_U
ClientSampleId :
C0AA4

Tgt Ion: 43 Resp: 41652
Ion Ratio Lower Upper
43 100
58 22.5 39.8 59.8#
57 24.6 14.0 21.0#
100 1.1 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.482 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035872.D
Acq: 26 Nov 2019 21:20

Tgt Ion: 75 Resp: 9131
Ion Ratio Lower Upper
75 100
77 38.1 25.4 38.2

