

Data File : VU035876.D
Acq On : 26 Nov 2019 22:58
Operator : JC/SP
Sample : K6057-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA8

Quant Time: Nov 27 03:22:04 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	206466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	67257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	139800	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	132106	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.60	63	169403	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.69	46	301298	48.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.54%
24) Chloroform-d	5.11	84	222043	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	133136	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	434880	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.74	67	153674	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	341533	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.21	79	49066	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.69	63	263253	55.10	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	129515	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	81637	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

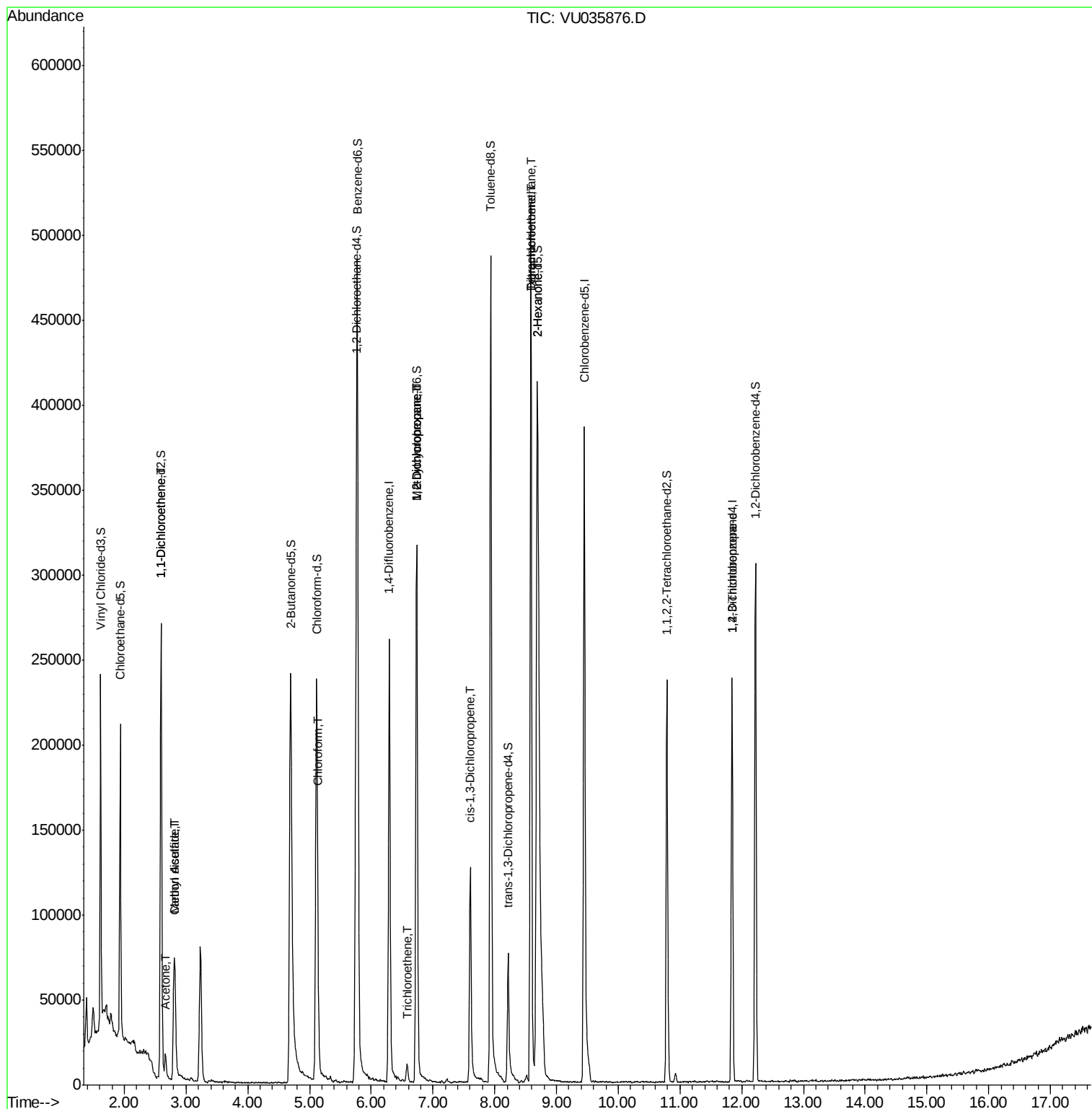
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1330	0.062 ug/L #	1
13) Acetone	2.66	43	15398	2.809 ug/L	98
14) Carbon disulfide	2.83	76	46324	0.649 ug/L	99
15) Methyl Acetate	2.81	43	19308	1.757 ug/L #	53
25) Chloroform	5.14	83	19949	0.431 ug/L	96
34) Trichloroethene	6.58	95	3527	0.145 ug/L	89
35) Methylcyclohexane	6.73	83	33017	0.925 ug/L #	15
37) 1,2-Dichloropropane	6.74	63	16907	0.601 ug/L #	91
39) cis-1,3-Dichloropropene	7.61	75	3776	0.104 ug/L #	46
47) Tetrachloroethene	8.58	164	114561	6.190 ug/L	97
48) 2-Hexanone	8.69	43	29435	2.315 ug/L #	96
49) Dibromochloromethane	8.58	129	108237	5.005 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	8943	0.489 ug/L	91

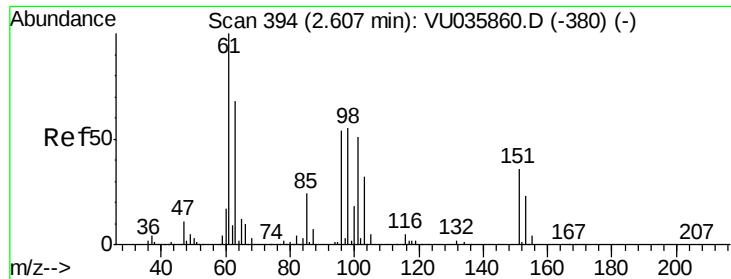
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035876.D
Acq On : 26 Nov 2019 22:58
Operator : JC/SP
Sample : K6057-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA8

Quant Time: Nov 27 03:22:04 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





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035876.D

Acq: 26 Nov 2019 22:58

Instrument :

MSVOA_U

ClientSampled :

C0AA8

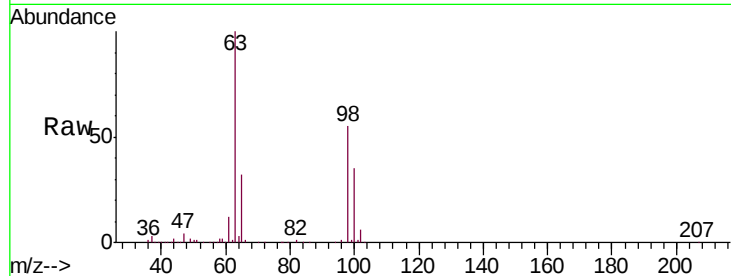
Tgt Ion: 96 Resp: 1330

Ion Ratio Lower Upper

96 100

61 1501.2 139.3 258.7#

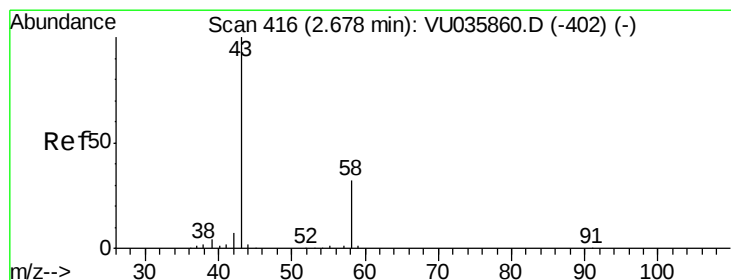
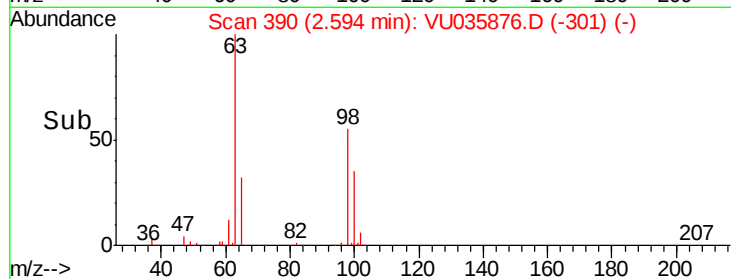
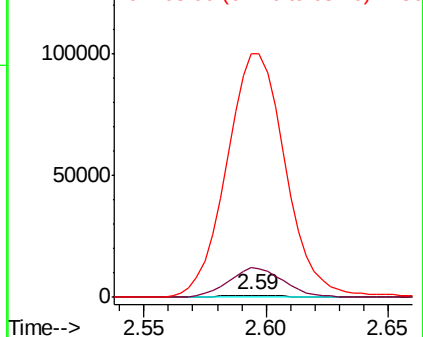
63 12436.8 93.7 174.1#



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: 2.809 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU035876.D

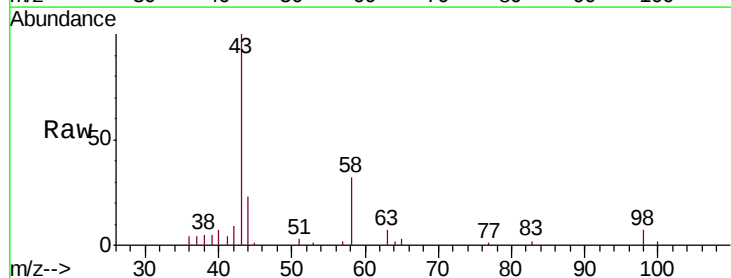
Acq: 26 Nov 2019 22:58

Tgt Ion: 43 Resp: 15398

Ion Ratio Lower Upper

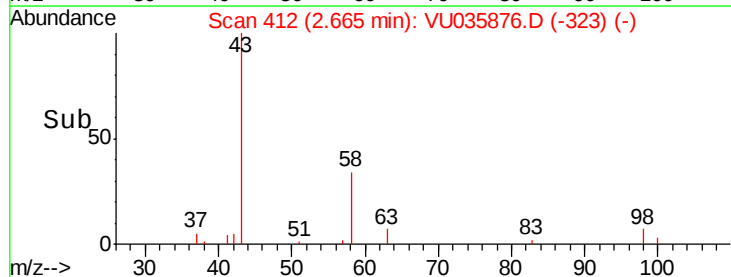
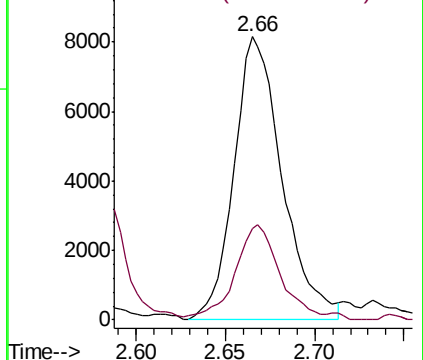
43 100

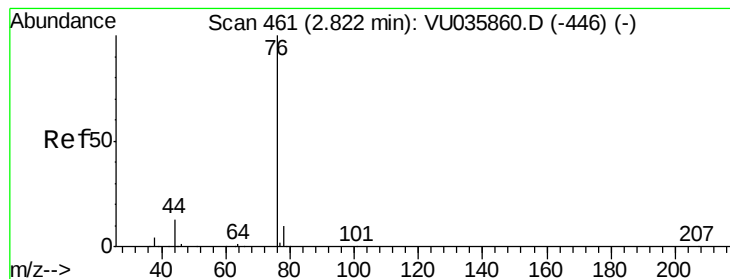
58 31.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.649 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035876.D

Acq: 26 Nov 2019 22:58

Instrument :

MSVOA_U

ClientSampleId :

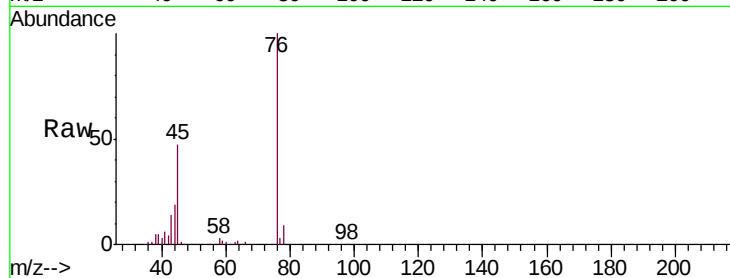
C0AA8

Tgt Ion: 76 Resp: 46324

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035876.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035876.D (-446) (-)

2.83

25000

20000

15000

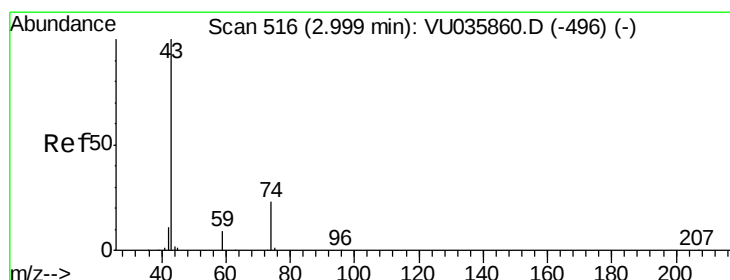
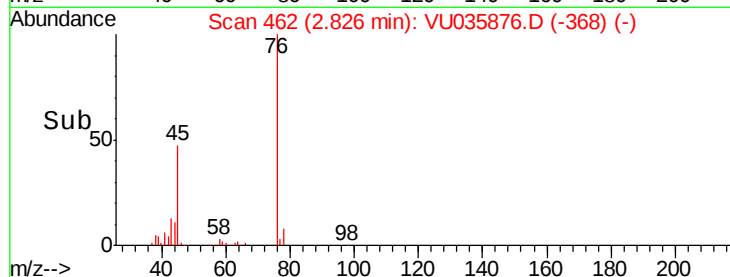
10000

5000

0

2.75 2.80 2.85 2.90

Time-->



#15

Methyl Acetate

Concen: 1.757 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.19 min

Lab File: VU035876.D

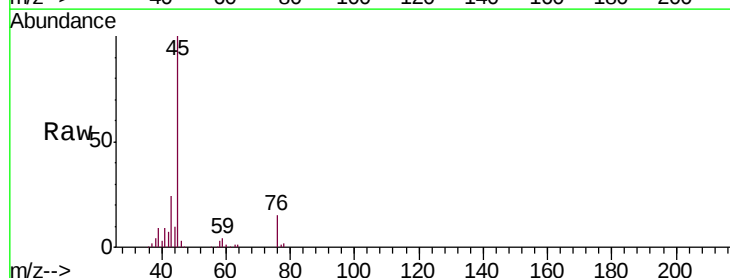
Acq: 26 Nov 2019 22:58

Tgt Ion: 43 Resp: 19308

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#



Abundance Ion 43.05 (42.75 to 43.75): VU035876.D (-423) (-)

Ion 74.05 (73.75 to 74.75): VU035876.D (-423) (-)

2.81

10000

8000

6000

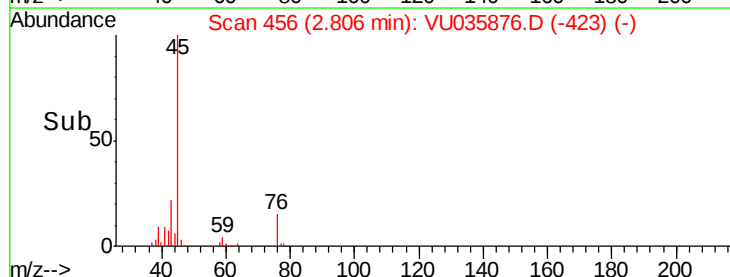
4000

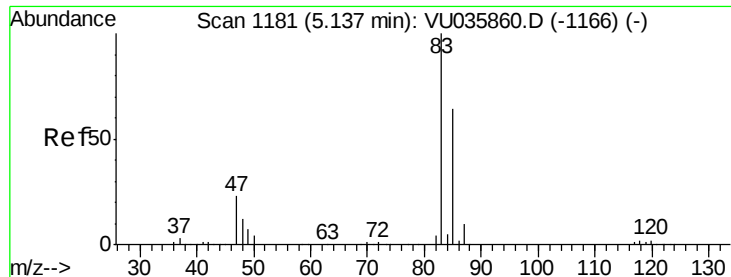
2000

0

2.75 2.80 2.85

Time-->

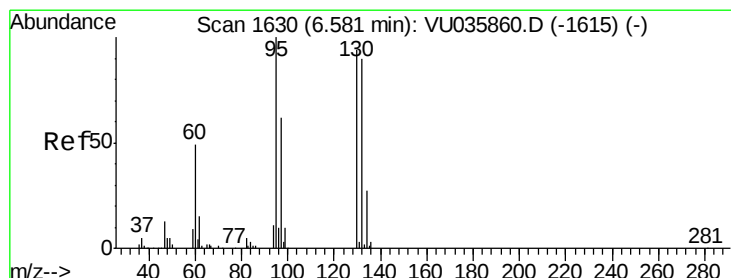
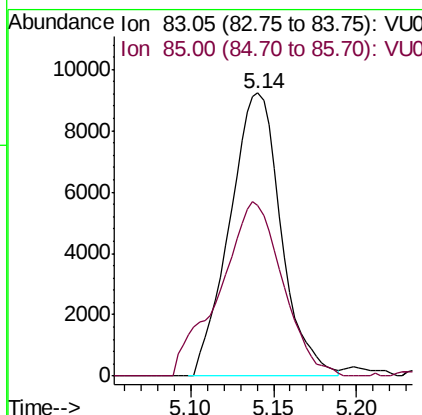
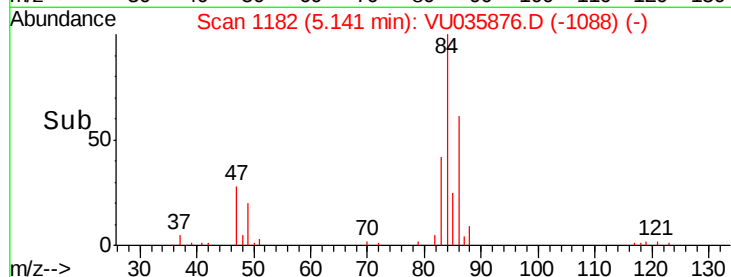
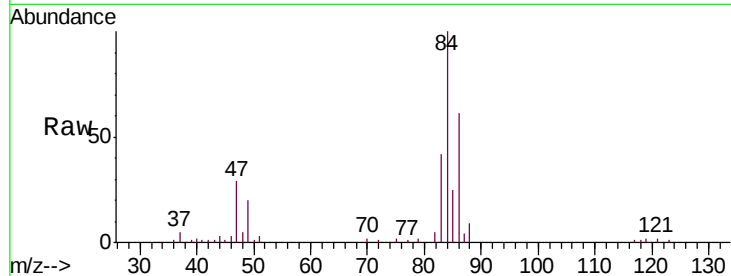




#25
Chloroform
Concen: 0.431 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035876.D
Acq: 26 Nov 2019 22:58

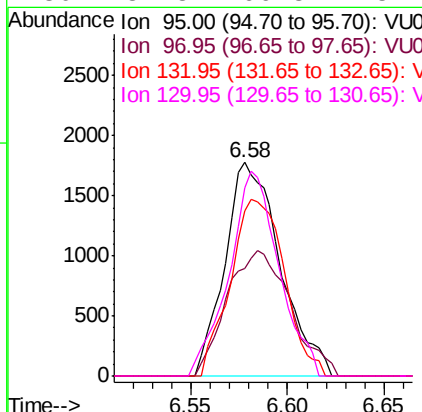
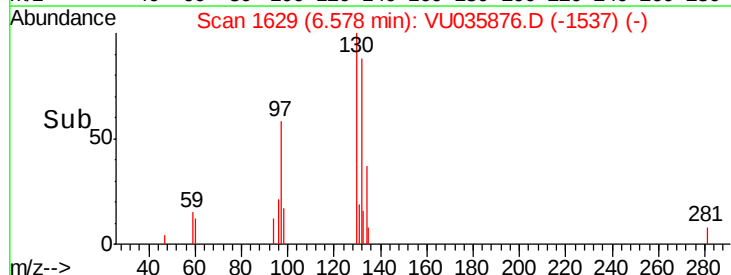
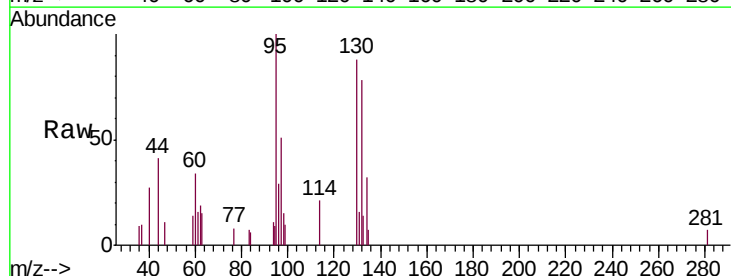
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

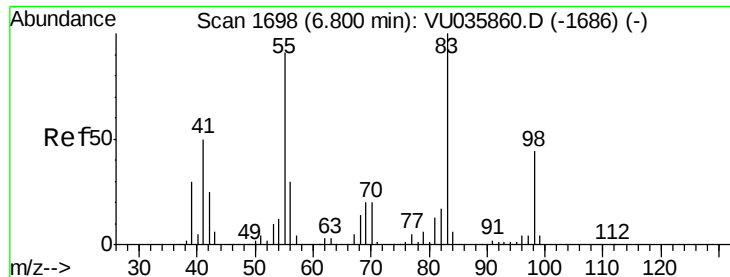
Tgt Ion: 83 Resp: 19949
Ion Ratio Lower Upper
83 100
85 60.4 44.6 82.8



#34
Trichloroethene
Concen: 0.145 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU035876.D
Acq: 26 Nov 2019 22:58

Tgt Ion: 95 Resp: 3527
Ion Ratio Lower Upper
95 100
97 50.6 45.1 83.9
132 77.6 61.9 114.9
130 87.8 66.3 123.1

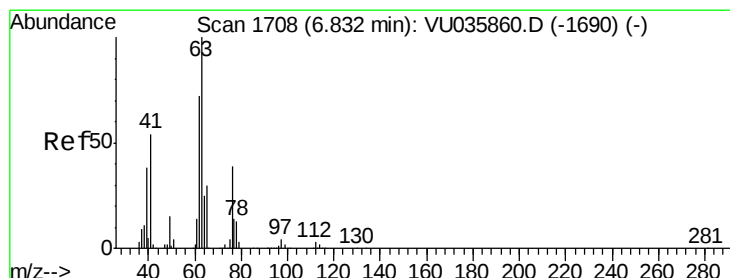
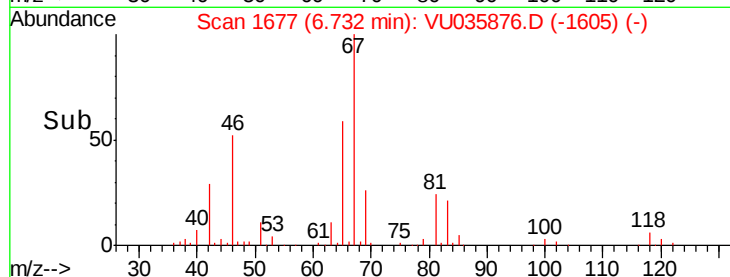
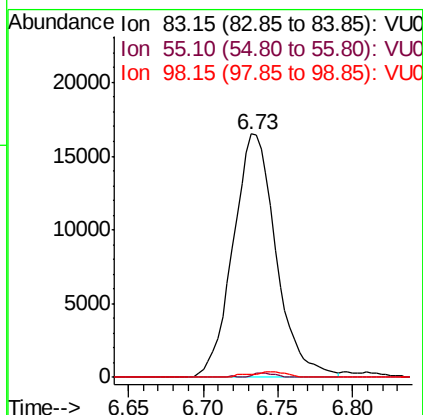
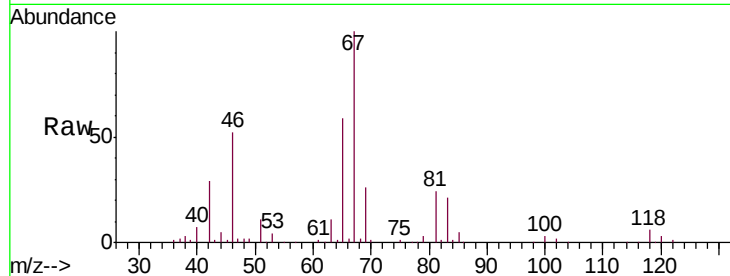




#35
Methylcyclohexane
Concen: 0.925 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035876.D
Acq: 26 Nov 2019 22:58

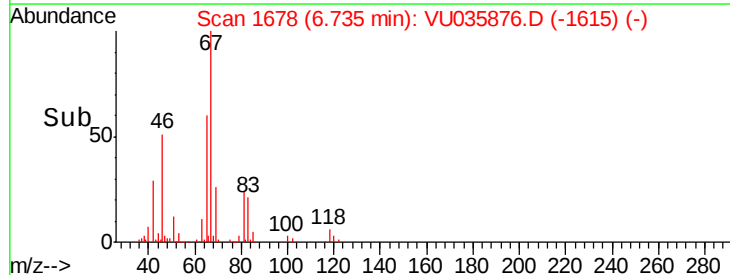
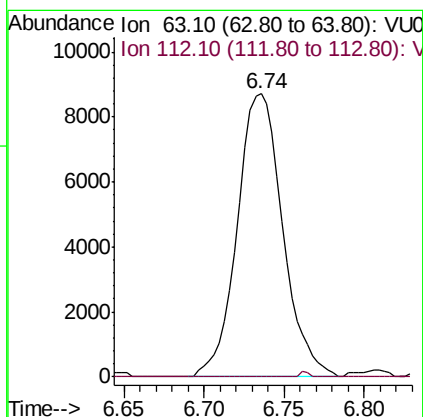
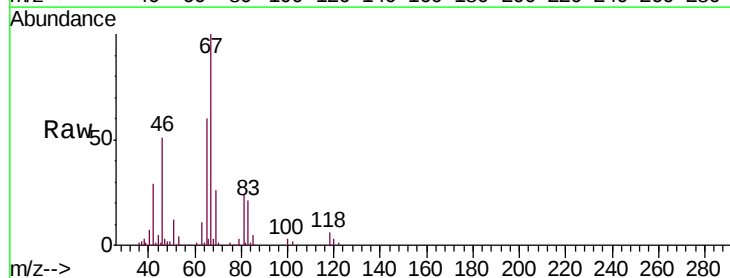
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

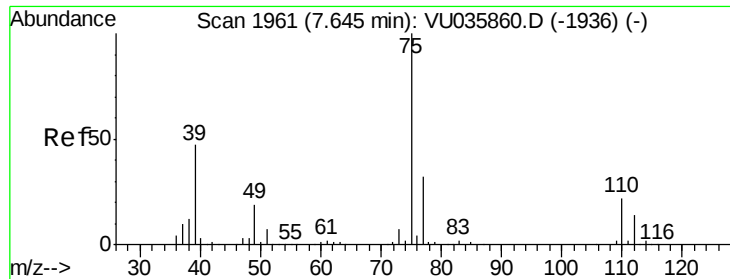
Tgt Ion: 83 Resp: 33017
Ion Ratio Lower Upper
83 100
55 0.9 72.7 109.1#
98 2.0 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035876.D
Acq: 26 Nov 2019 22:58

Tgt Ion: 63 Resp: 16907
Ion Ratio Lower Upper
63 100
112 0.4 2.7 4.1#

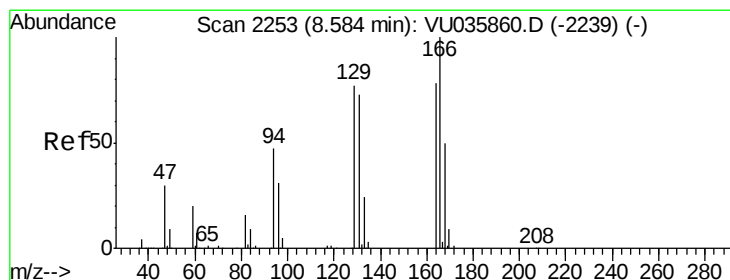
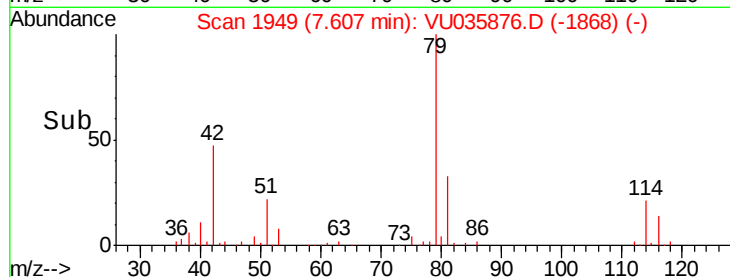
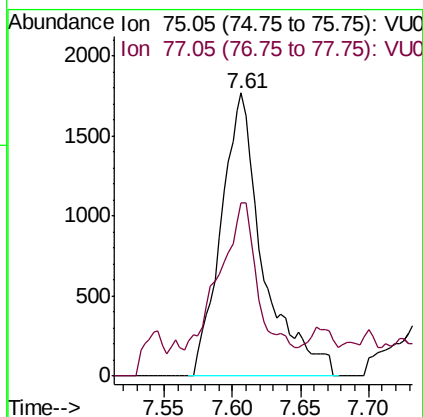
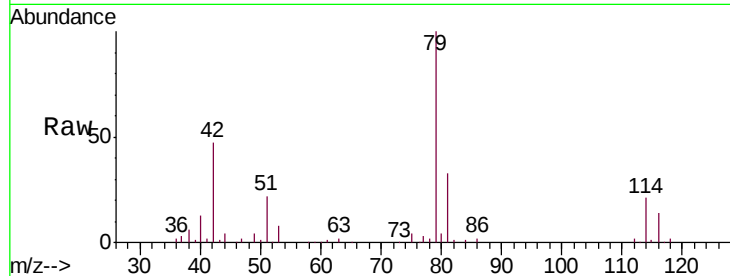




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035876.D
 Acq: 26 Nov 2019 22:58

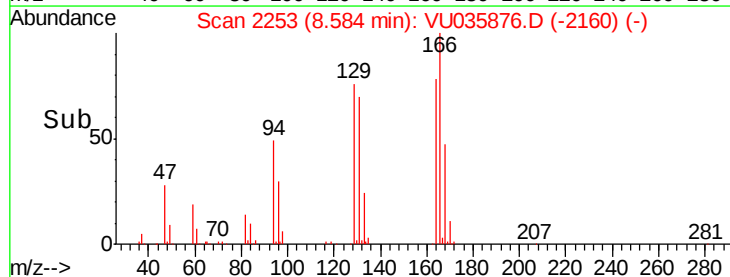
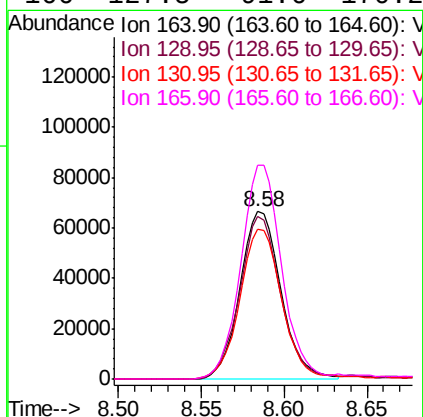
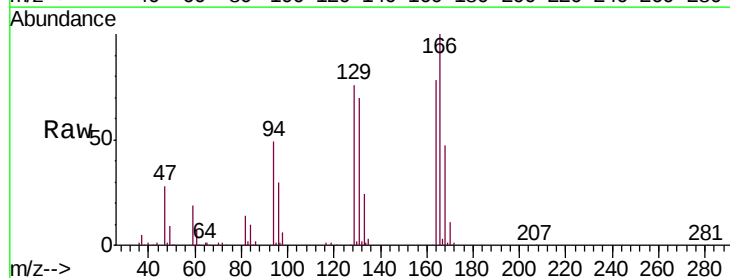
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8

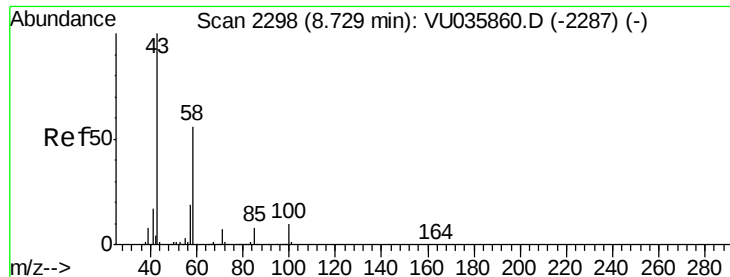
Tgt Ion: 75 Resp: 3776
 Ion Ratio Lower Upper
 75 100
 77 61.4 22.1 41.1#



#47
 Tetrachloroethene
 Concen: 6.190 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035876.D
 Acq: 26 Nov 2019 22:58

Tgt Ion: 164 Resp: 114561
 Ion Ratio Lower Upper
 164 100
 129 97.4 68.8 127.8
 131 89.5 67.3 124.9
 166 127.5 91.6 170.2

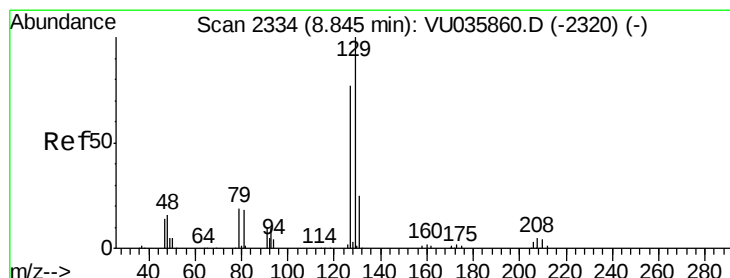
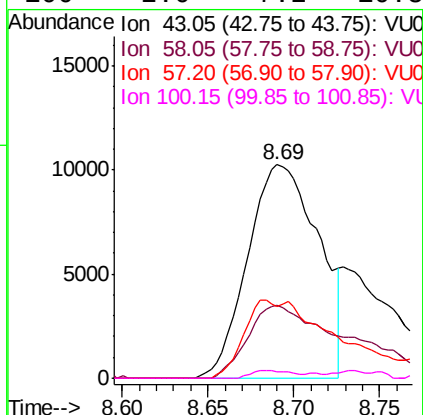
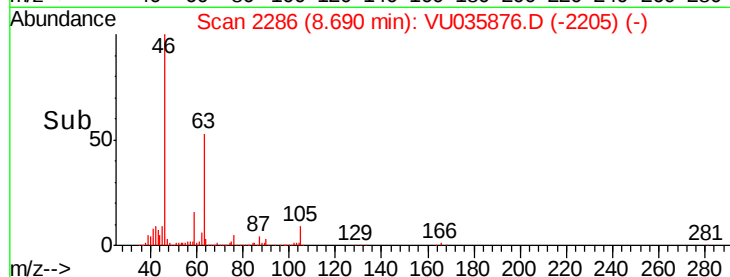
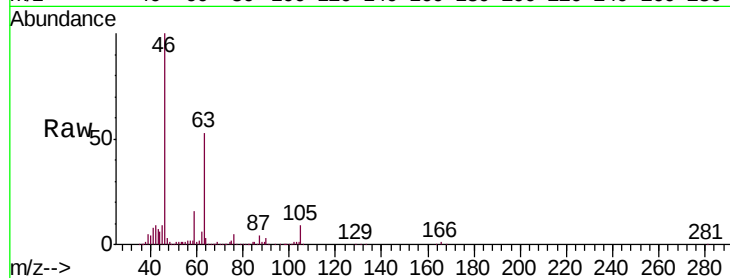




#48
2-Hexanone
Concen: 2.315 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035876.D
Acq: 26 Nov 2019 22:58

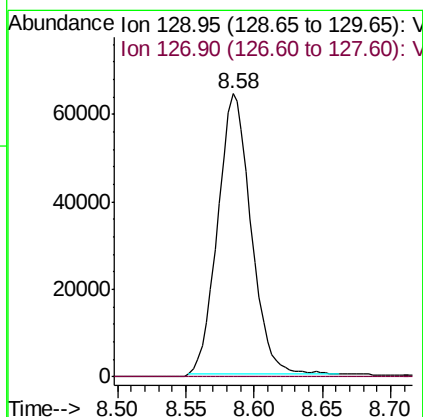
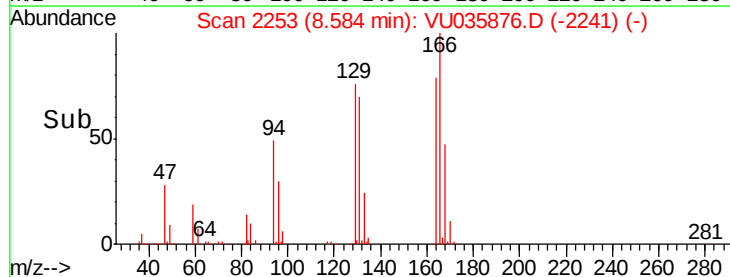
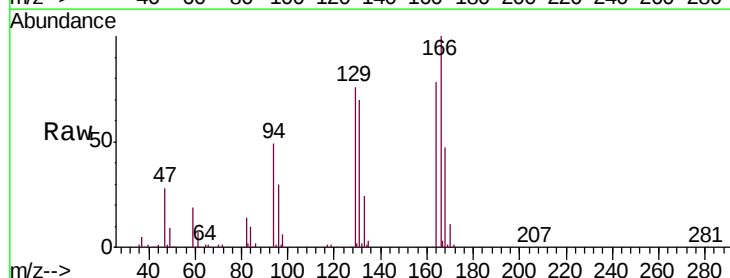
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

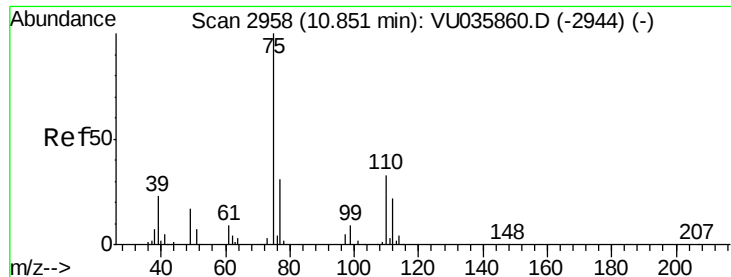
Tgt Ion: 43 Resp: 29435
Ion Ratio Lower Upper
43 100
58 47.7 39.8 59.8
57 17.2 14.0 21.0
100 2.0 7.2 10.8#



#49
Dibromochloromethane
Concen: 5.005 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035876.D
Acq: 26 Nov 2019 22:58

Tgt Ion: 129 Resp: 108237
Ion Ratio Lower Upper
129 100
127 0.2 53.1 98.5#





#59

1,2,3-Trichloropropane

Concen: 0.489 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035876.D

Acq: 26 Nov 2019 22:58

Instrument :

MSVOA_U

ClientSampleId :

C0AA8

Tgt Ion: 75 Resp: 8943

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.2

