

Data File : VU035224.D
Acq On : 17 Oct 2019 20:41
Operator : JC/SP
Sample : K5318-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG8

Quant Time: Oct 18 03:52:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	373621	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	353405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	148700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116953	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.93	69	101441	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.59	63	159588	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.72	46	300359	45.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	5.11	84	206826	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	119824	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	434432	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.74	67	136330	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.93	98	414745	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	8.22	79	59615	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.69	63	265404	48.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	114899	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	140798	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

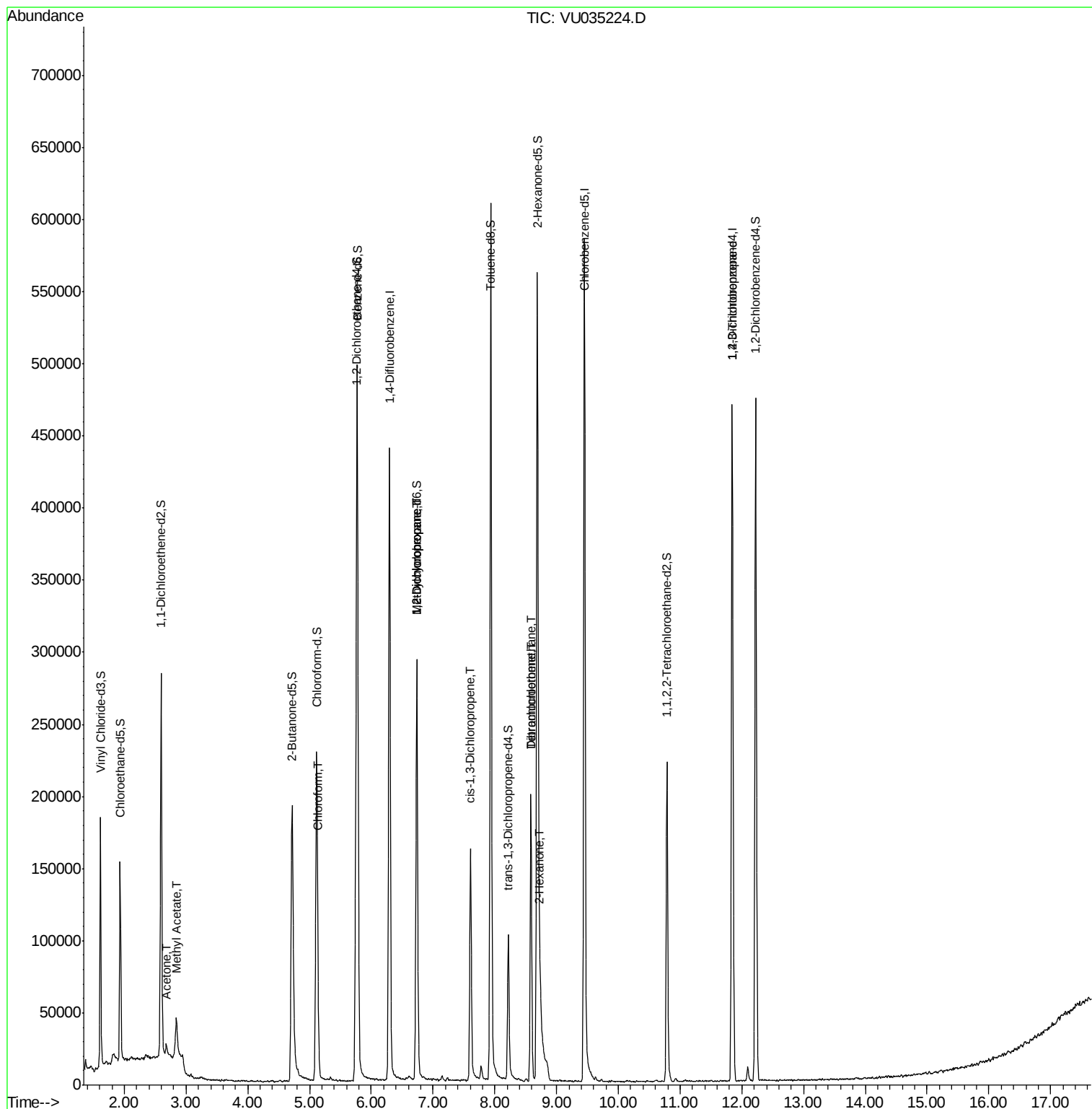
					Qvalue
13) Acetone	2.68	43	10887	2.391 ug/L	88
15) Methyl Acetate	2.84	43	8823	0.778 ug/L #	51
25) Chloroform	5.14	83	11602	0.226 ug/L	94
35) Methylcyclohexane	6.74	83	32241	0.690 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	16407	0.622 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3994	0.090 ug/L #	19
47) Tetrachloroethene	8.58	164	45326	1.946 ug/L	99
48) 2-Hexanone	8.74	43	11687	0.935 ug/L #	90
49) Dibromochloromethane	8.58	129	41168	1.657 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	18219	0.991 ug/L	91

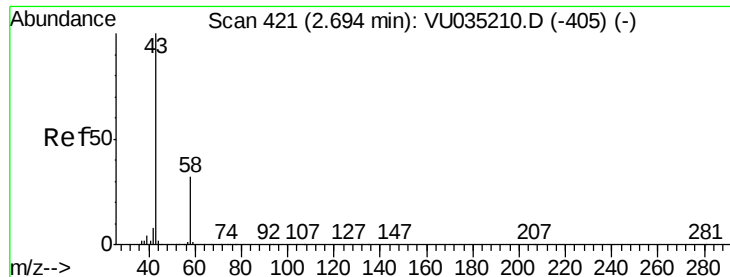
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.391 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

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Acq: 17 Oct 2019 20:41

Instrument :

MSVOA_U

ClientSampleId :

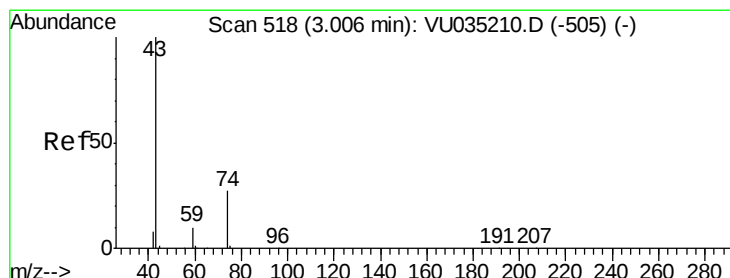
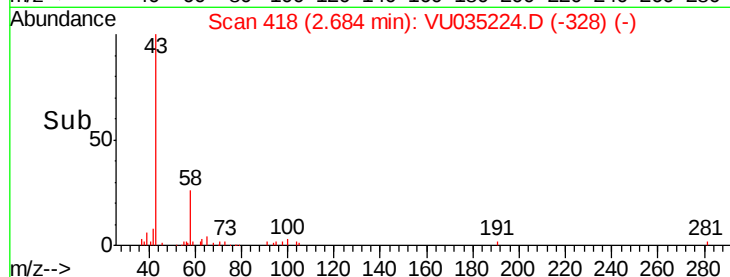
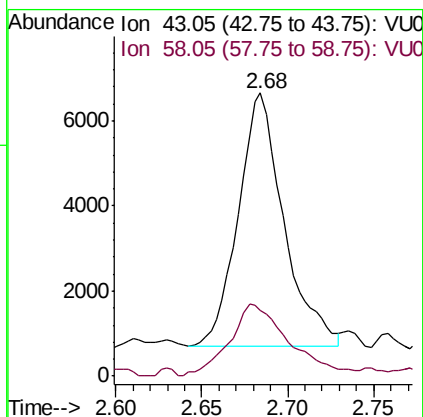
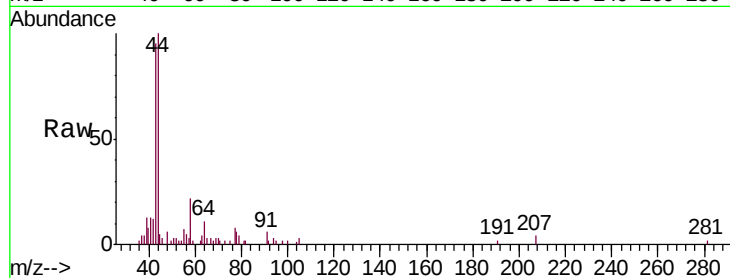
C0CG8

Tgt Ion: 43 Resp: 10887

Ion Ratio Lower Upper

43 100

58 37.3 0.0 61.8



#15

Methyl Acetate

Concen: 0.778 ug/L

RT: 2.84 min Scan# 466

Delta R.T. -0.17 min

Lab File: VU035224.D

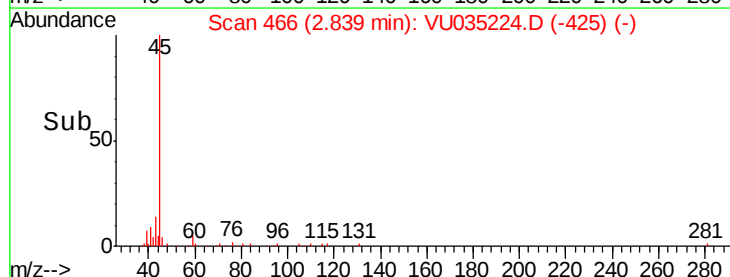
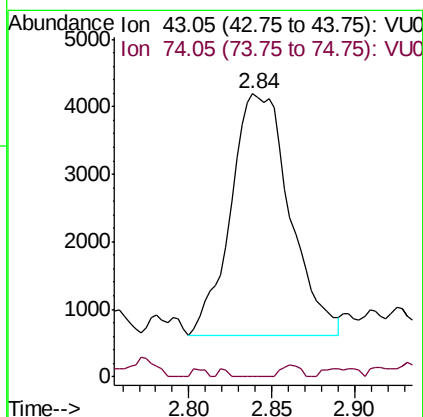
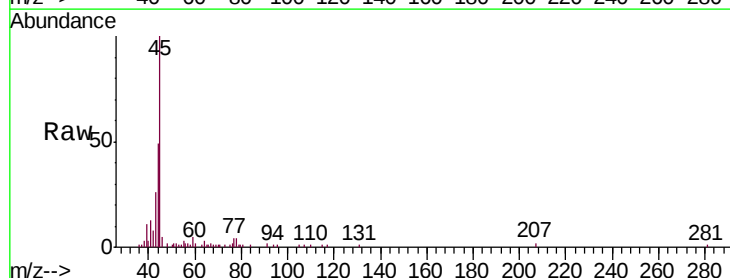
Acq: 17 Oct 2019 20:41

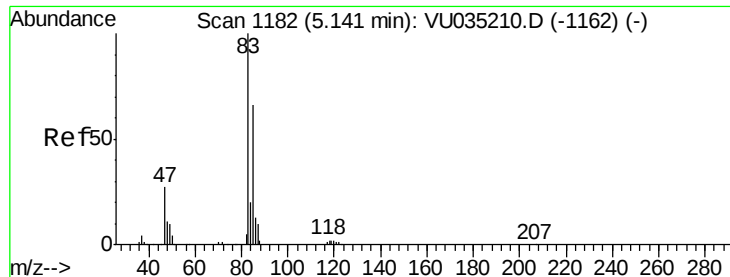
Tgt Ion: 43 Resp: 8823

Ion Ratio Lower Upper

43 100

74 0.5 20.3 30.5#





#25

Chloroform

Concen: 0.226 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035224.D

Acq: 17 Oct 2019 20:41

Instrument :

MSVOA_U

ClientSampleId :

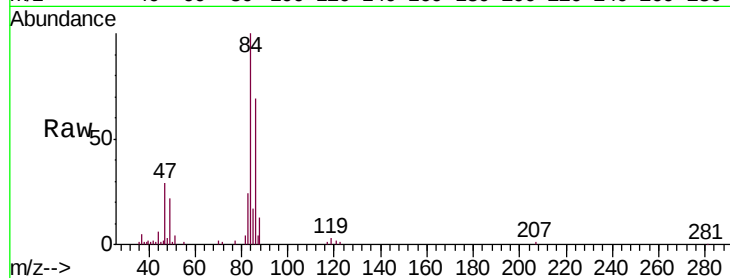
C0CG8

Tgt Ion: 83 Resp: 11602

Ion Ratio Lower Upper

83 100

85 69.5 45.1 83.9

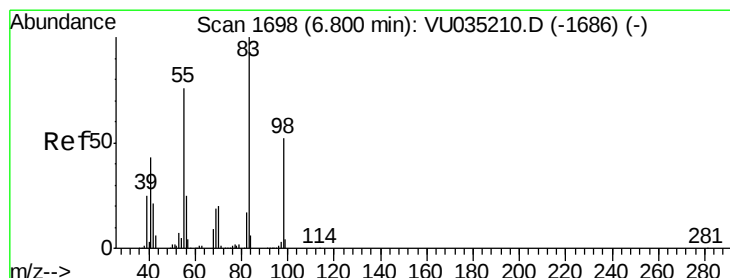
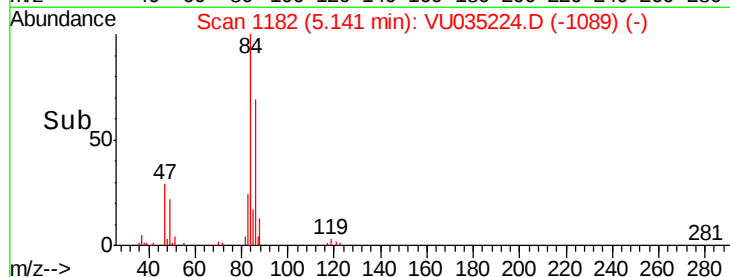


Abundance Ion 83.05 (82.75 to 83.75): VU035210.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU035210.D (-1162) (-)

5.14

Time-->



#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035224.D

Acq: 17 Oct 2019 20:41

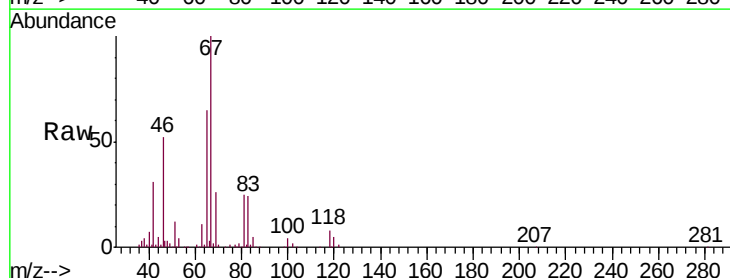
Tgt Ion: 83 Resp: 32241

Ion Ratio Lower Upper

83 100

55 0.5 60.4 90.6#

98 0.3 39.5 59.3#



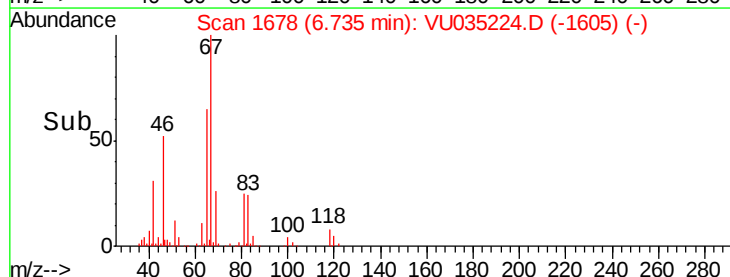
Abundance Ion 83.15 (82.85 to 83.85): VU035210.D (-1686) (-)

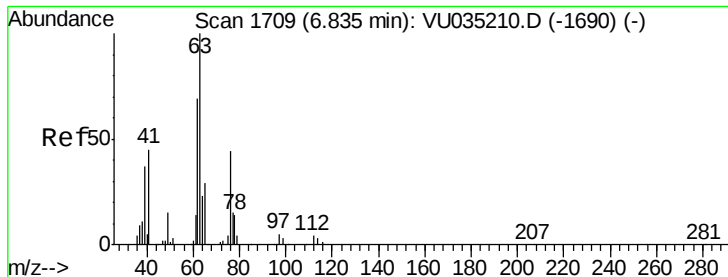
Ion 55.10 (54.80 to 55.80): VU035210.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU035210.D (-1686) (-)

6.74

Time-->





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035224.D

Acq: 17 Oct 2019 20:41

Instrument :

MSVOA_U

ClientSampleId :

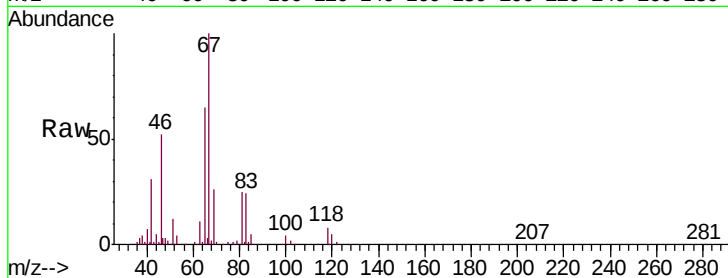
C0CG8

Tgt Ion: 63 Resp: 16407

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035210.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035210.D (-1690) (-)

6.74

8000

6000

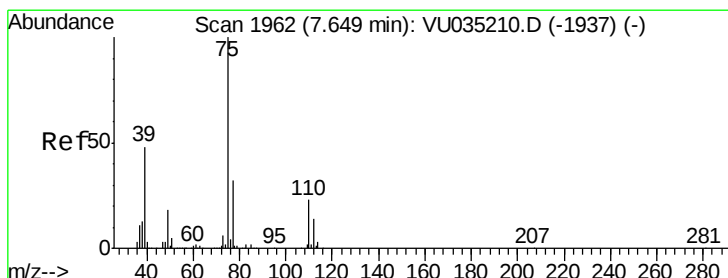
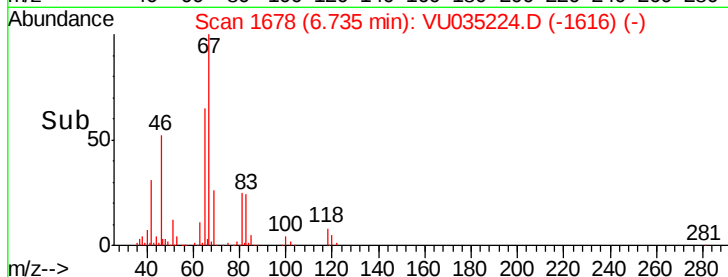
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.61 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VU035224.D

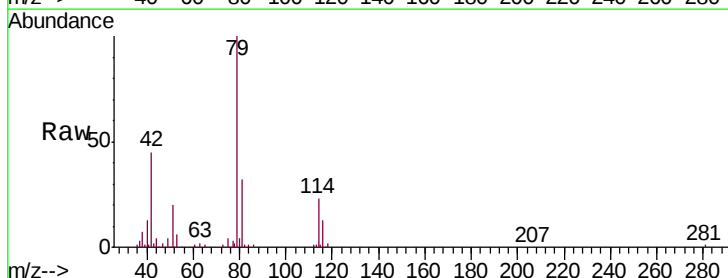
Acq: 17 Oct 2019 20:41

Tgt Ion: 75 Resp: 3994

Ion Ratio Lower Upper

75 100

77 77.6 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035210.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035210.D (-1937) (-)

7.61

2500

2000

1500

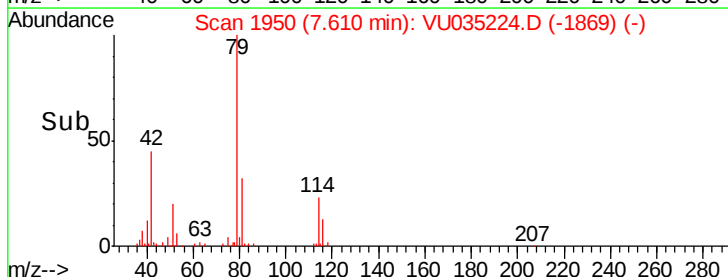
1000

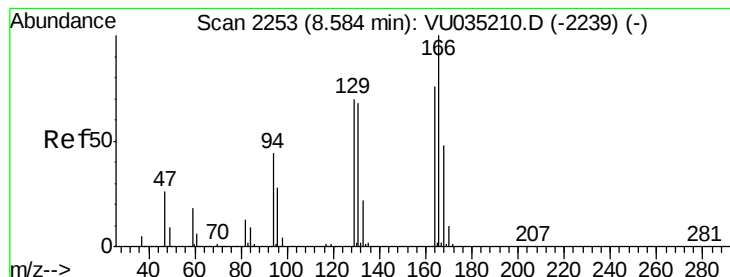
500

0

7.55 7.60 7.65

Time-->





#47

Tetrachloroethene

Concen: 1.946 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035224.D

Acq: 17 Oct 2019 20:41

Instrument :

MSVOA_U

ClientSampled :

C0CG8

Tgt Ion:164 Resp: 45326

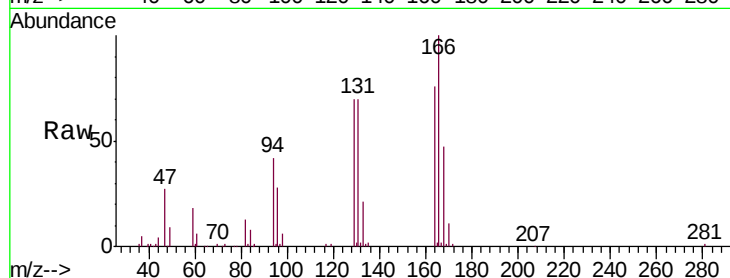
Ion Ratio Lower Upper

164 100

129 91.2 65.2 121.0

131 91.2 62.9 116.9

166 131.1 91.5 169.9



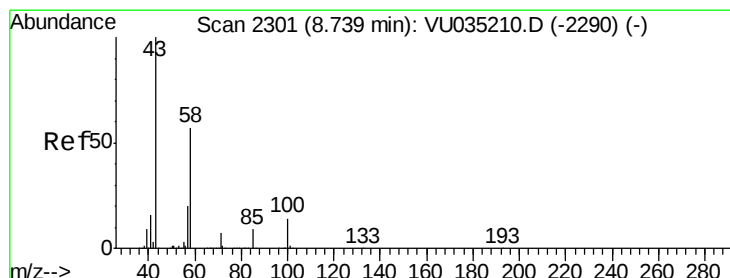
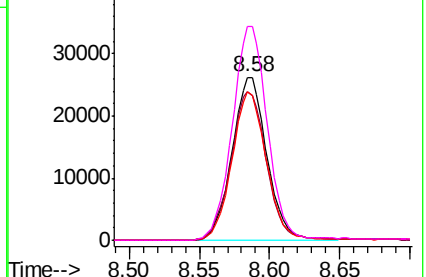
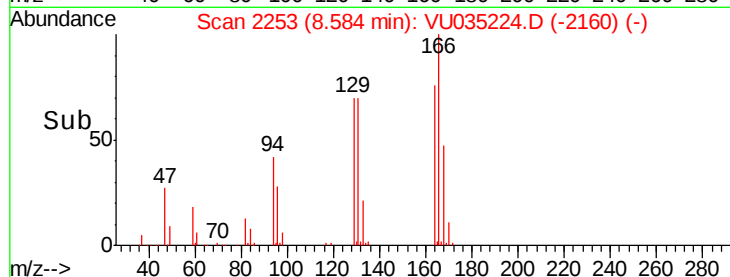
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



#48

2-Hexanone

Concen: 0.935 ug/L

RT: 8.74 min Scan# 2301

Delta R.T. 0.00 min

Lab File: VU035224.D

Acq: 17 Oct 2019 20:41

Tgt Ion: 43 Resp: 11687

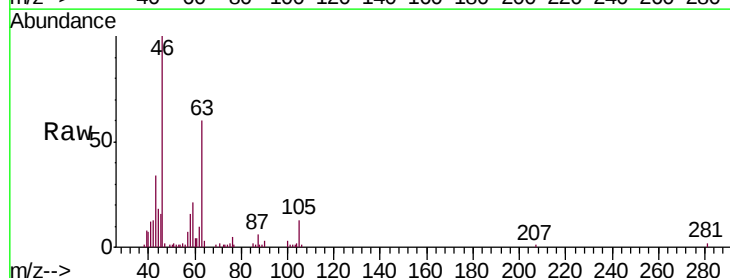
Ion Ratio Lower Upper

43 100

58 47.8 45.1 67.7

57 20.7 16.0 24.0

100 7.7 10.4 15.6#



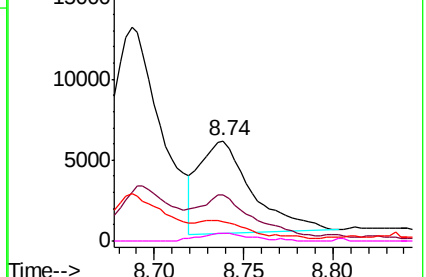
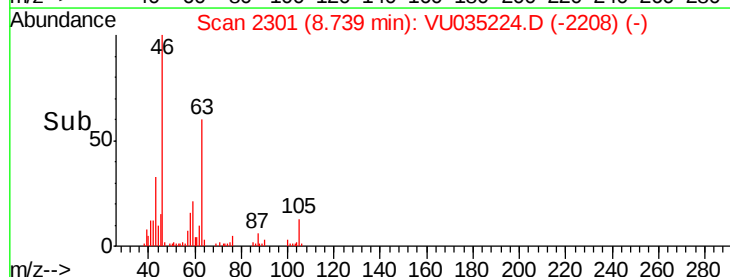
Abundance Ion 43.05 (42.75 to 43.75): VU0

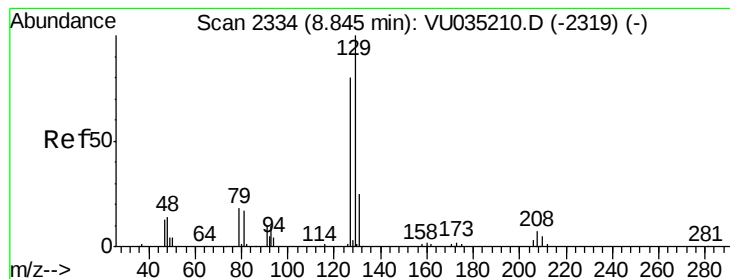
Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

Time-->





#49

Dibromochloromethane

Concen: 1.657 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035224.D

Acq: 17 Oct 2019 20:41

Instrument :

MSVOA_U

ClientSampleId :

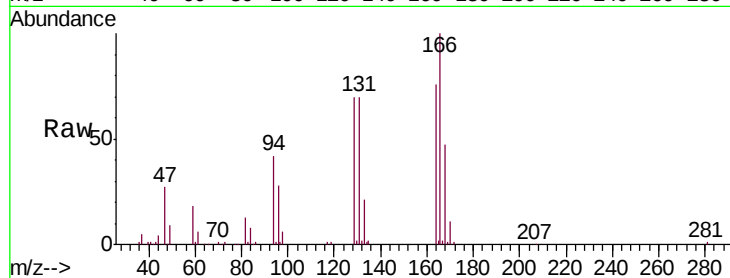
C0CG8

Tgt Ion:129 Resp: 41168

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

25000

20000

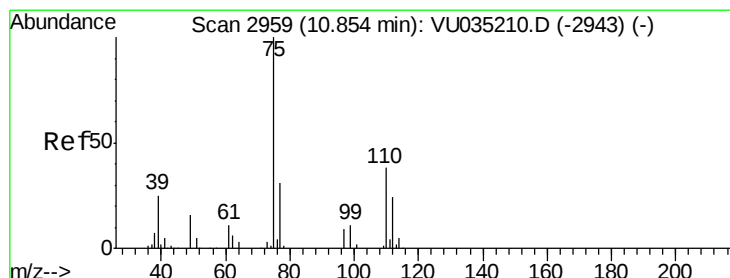
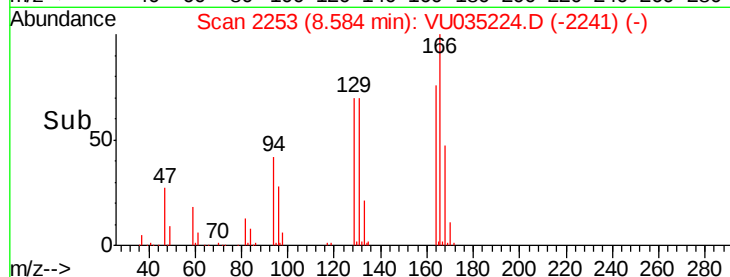
15000

10000

5000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#59

1,2,3-Trichloropropane

Concen: 0.991 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035224.D

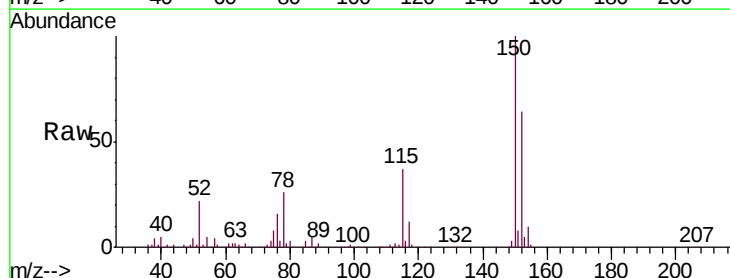
Acq: 17 Oct 2019 20:41

Tgt Ion: 75 Resp: 18219

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.84

10000

8000

6000

4000

2000

0

Time--> 11.80 11.85 11.90

