

Data File : VU035333.D
Acq On : 21 Oct 2019 20:31
Operator : JC/SP
Sample : K5421-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA4

Quant Time: Oct 22 06:43:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	316121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	308430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117198	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	87488	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	82108	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	118588	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.71	46	261474	47.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	5.11	84	170929	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	96730	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.77	84	340608	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.74	67	112707	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	306536	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.22	79	44228	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.69	63	211319	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96324	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	105065	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

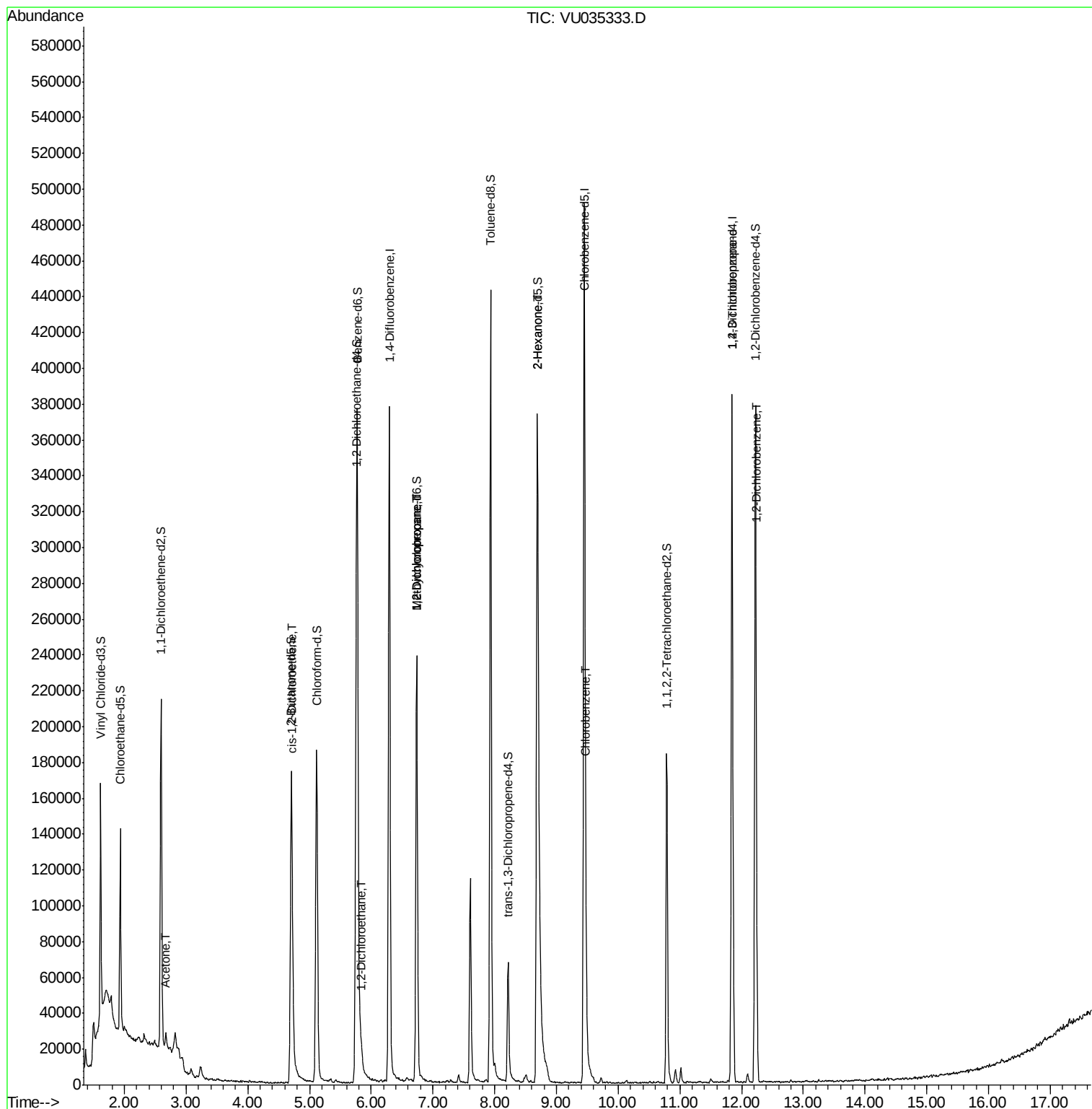
					Qvalue
13) Acetone	2.67	43	8673	2.251 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	6397	0.264 ug/L	86
27) 1,2-Dichloroethane	5.84	62	4969	0.186 ug/L #	92
35) Methylcyclohexane	6.74	83	26487	0.650 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12421	0.539 ug/L #	86
48) 2-Hexanone	8.69	43	22066	2.023 ug/L #	60
51) Chlorobenzene	9.48	112	32521	0.503 ug/L	95
59) 1,2,3-Trichloropropane	11.84	75	15440	0.962 ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	19804	0.527 ug/L	97

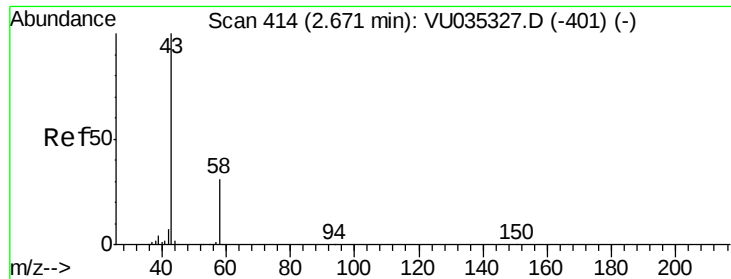
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.251 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

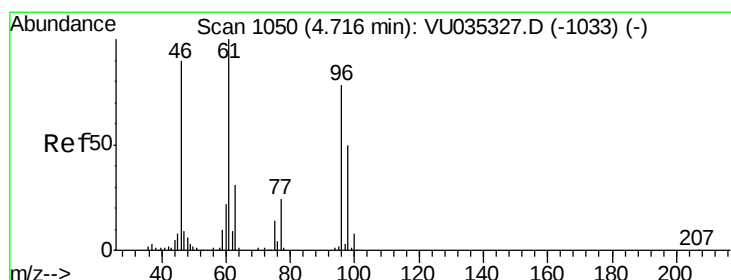
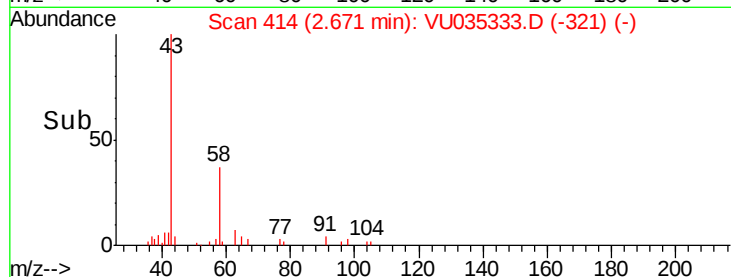
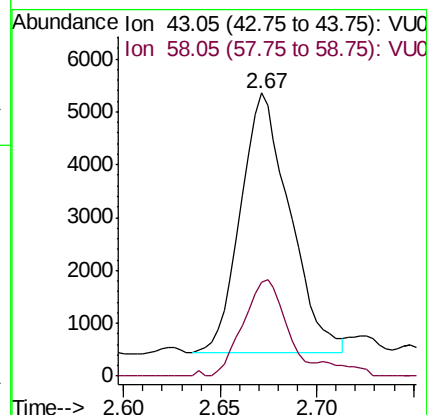
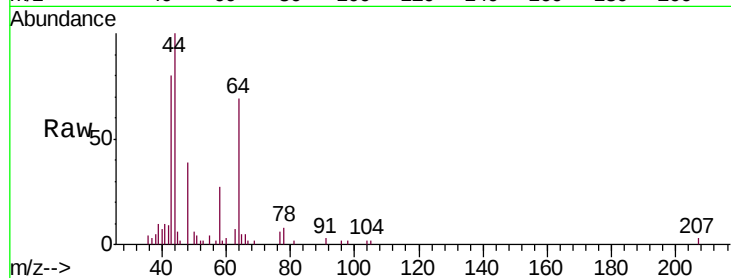
C0AA4

Tgt Ion: 43 Resp: 8673

Ion Ratio Lower Upper

43 100

58 32.3 0.0 61.8



#22

cis-1,2-Dichloroethene

Concen: 0.264 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

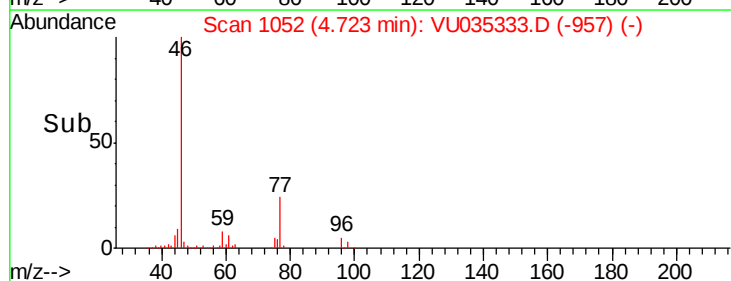
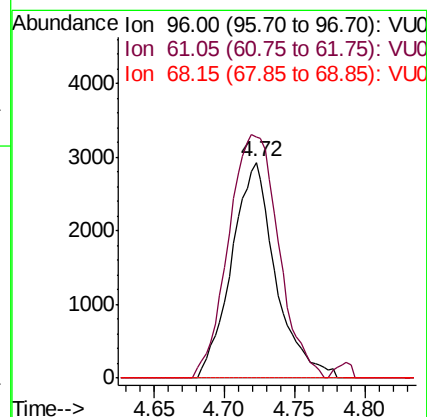
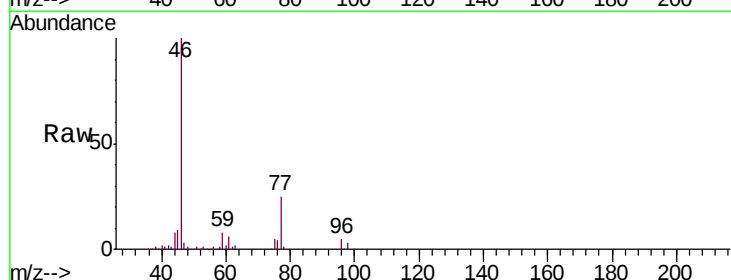
Tgt Ion: 96 Resp: 6397

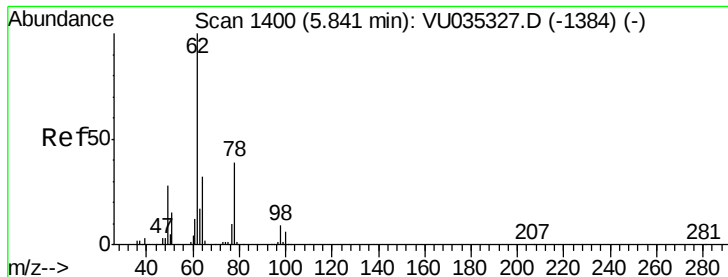
Ion Ratio Lower Upper

96 100

61 112.0 89.7 166.5

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.186 ug/L

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

Instrument :

MSVOA_U

ClientSampled :

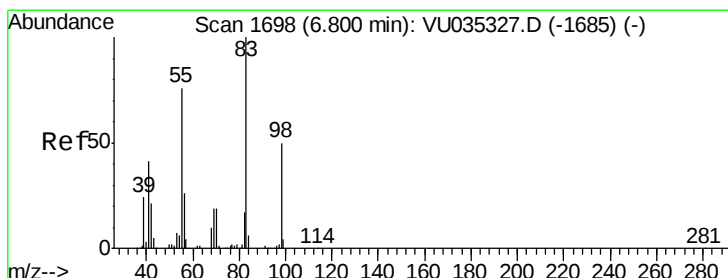
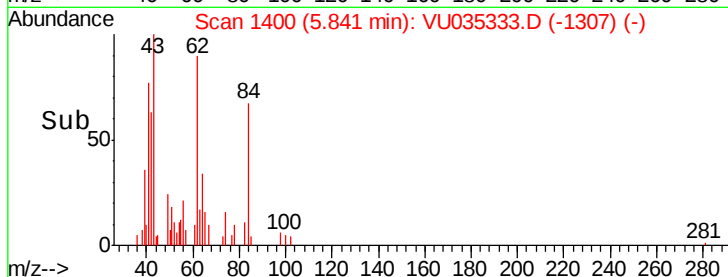
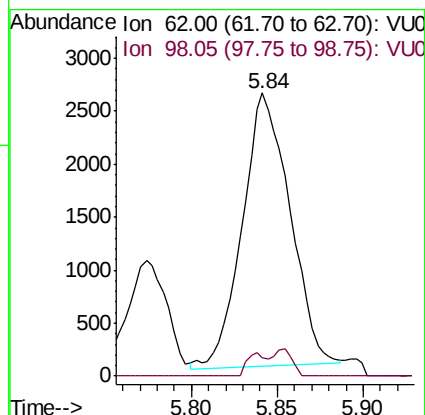
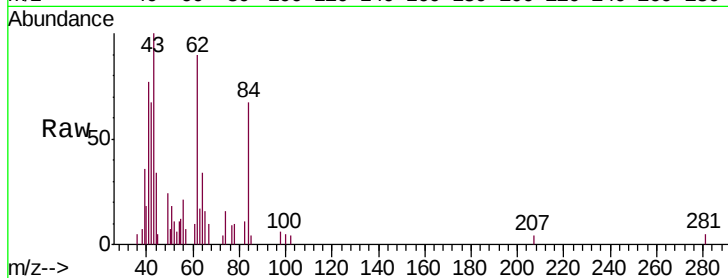
C0AA4

Tgt Ion: 62 Resp: 4969

Ion Ratio Lower Upper

62 100

98 6.7 7.8 11.6#



#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

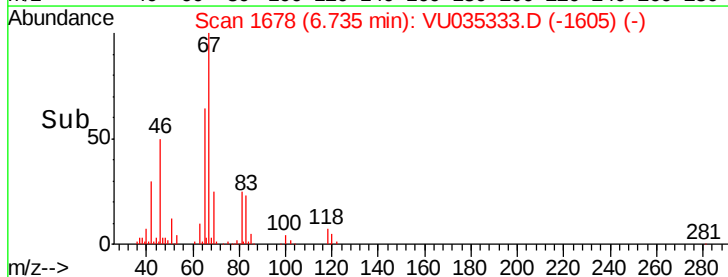
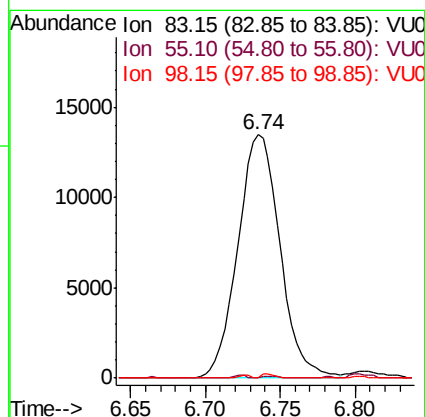
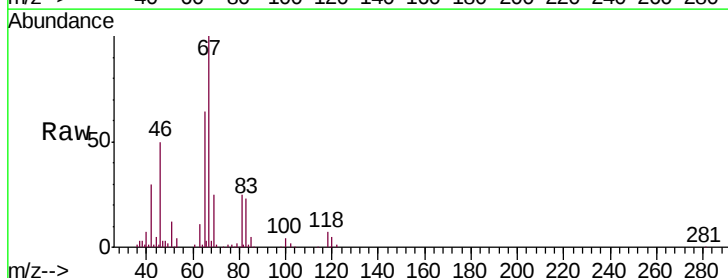
Tgt Ion: 83 Resp: 26487

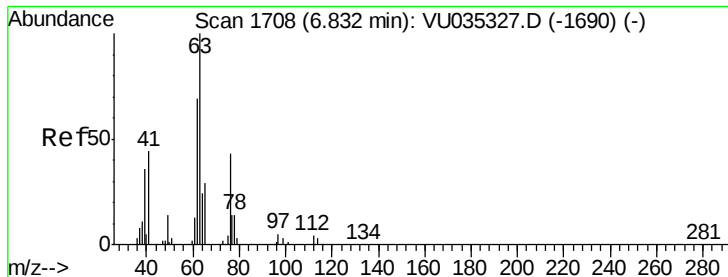
Ion Ratio Lower Upper

83 100

55 0.3 60.4 90.6#

98 0.5 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

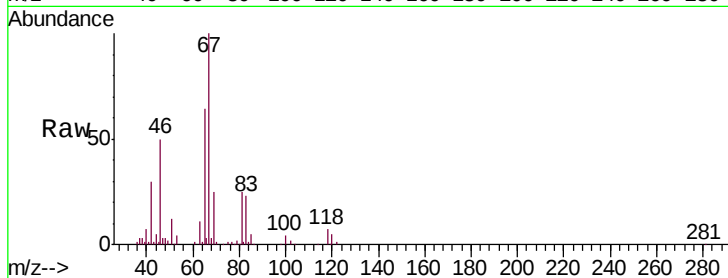
C0AA4

Tgt Ion: 63 Resp: 12421

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035327.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035327.D (-1690) (-)

6.74

6000

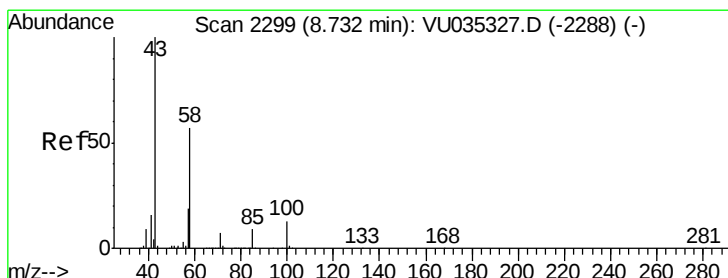
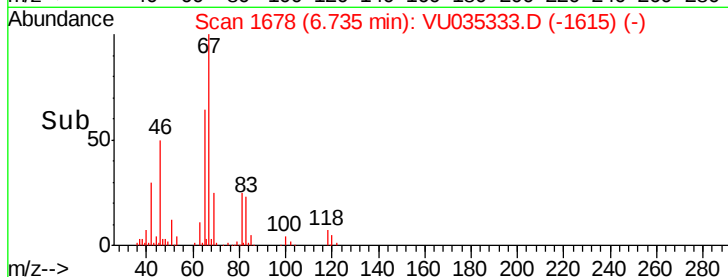
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#48

2-Hexanone

Concen: 2.023 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.04 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

Tgt Ion: 43 Resp: 22066

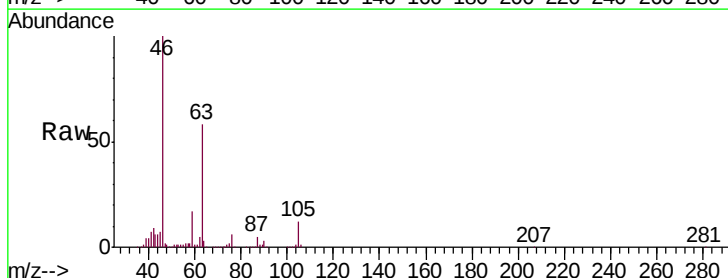
Ion Ratio Lower Upper

43 100

58 19.7 45.1 67.7#

57 26.6 16.0 24.0#

100 0.0 10.4 15.6#



Abundance Ion 43.05 (42.75 to 43.75): VU035327.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035327.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035327.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035327.D (-2288) (-)

12000

10000

8000

6000

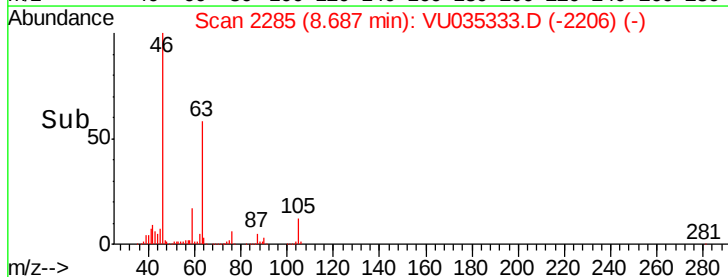
4000

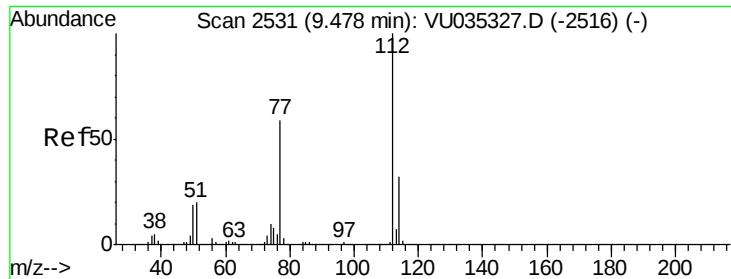
2000

0

8.65 8.70 8.75

Time-->

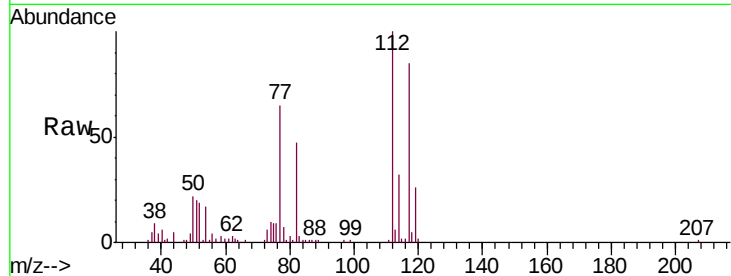




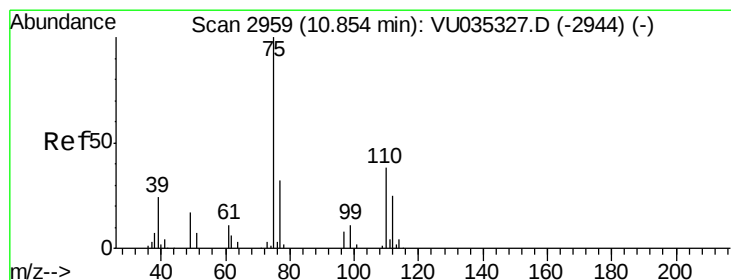
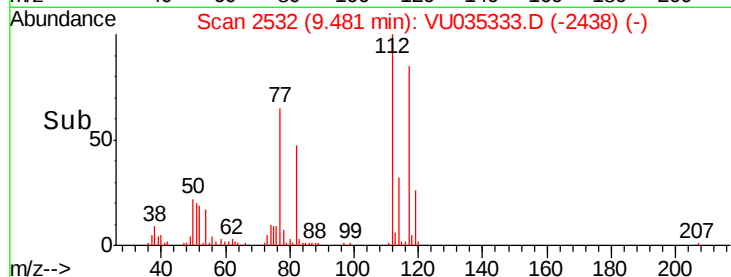
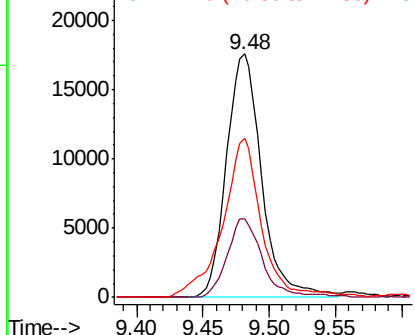
#51
Chlorobenzene
Concen: 0.503 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035333.D
Acq: 21 Oct 2019 20:31

Instrument :
MSVOA_U
ClientSampleId :
C0AA4

Tgt Ion: 112 Resp: 32521
Ion Ratio Lower Upper
112 100
114 32.4 23.0 42.8
77 65.4 47.5 71.3

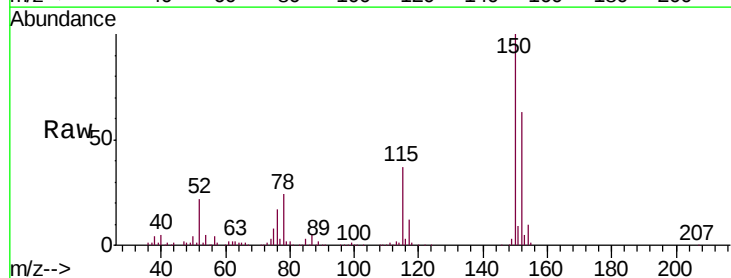


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

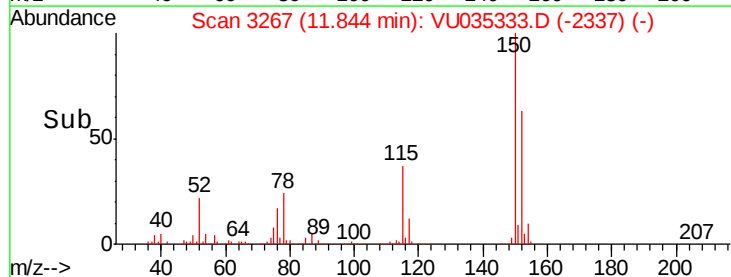
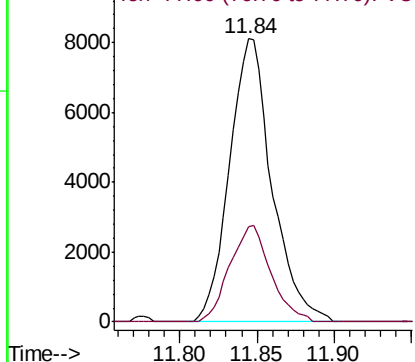


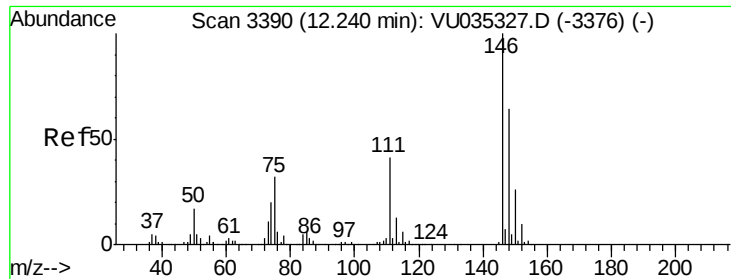
#59
1,2,3-Trichloropropane
Concen: 0.962 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035333.D
Acq: 21 Oct 2019 20:31

Tgt Ion: 75 Resp: 15440
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2



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





#65
 1,2-Dichlorobenzene
 Concen: 0.527 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VU035333.D
 Acq: 21 Oct 2019 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA4

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	33.0	49.6
148	66.5	51.0	76.4

