

Data File : VU035336.D
Acq On : 21 Oct 2019 21:45
Operator : JC/SP
Sample : K5421-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA8

Quant Time: Oct 22 06:44:09 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	296927	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	297694	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	80366	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	80386	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	115728	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.71	46	254419	48.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	5.11	84	170473	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.75	65	92561	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.77	84	329348	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.74	67	110999	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	292411	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.22	79	41019	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.69	63	199625	43.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.30%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92813	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	97514	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

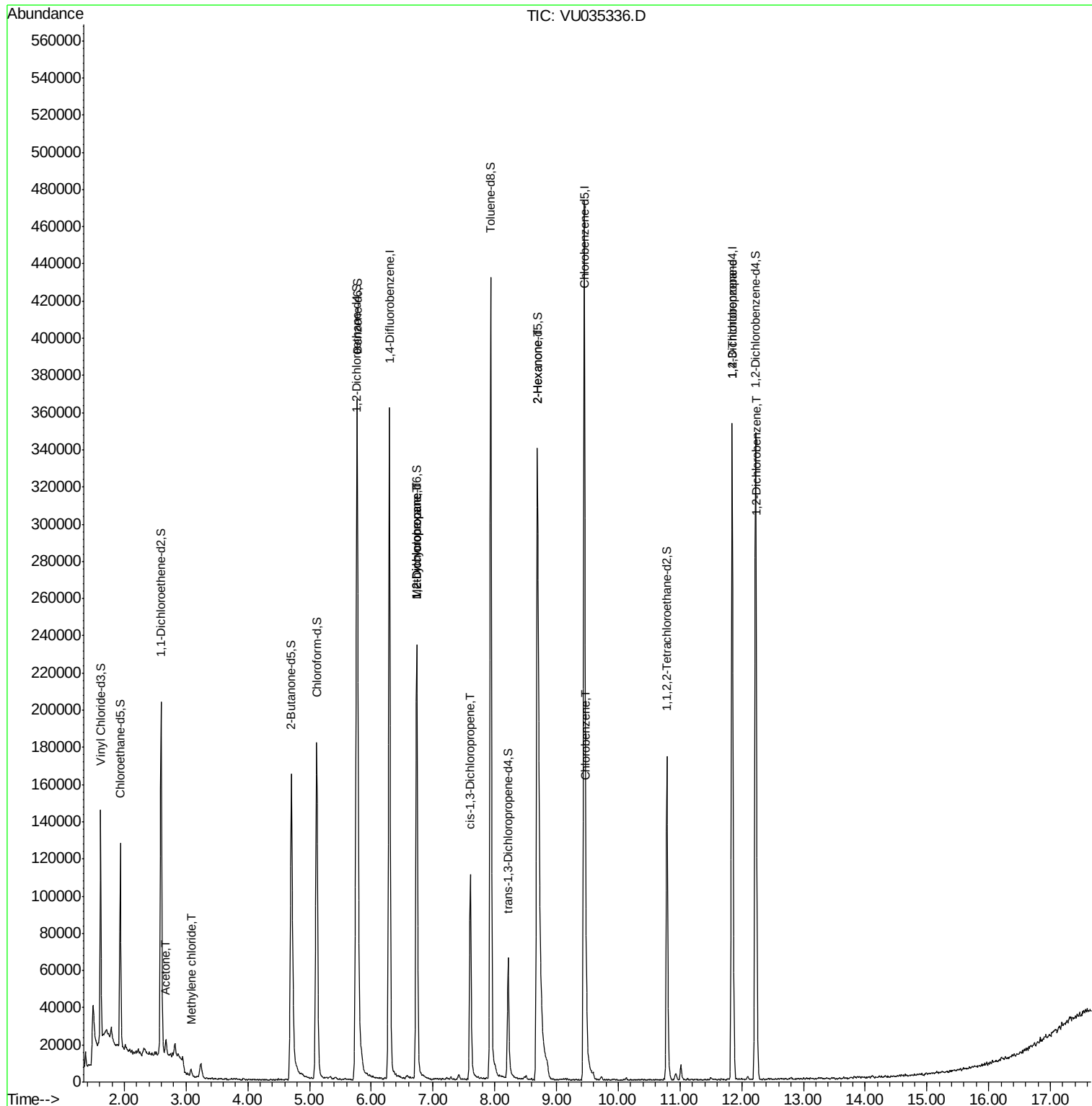
					Qvalue
13) Acetone	2.67	43	8677	2.398	ug/L 94
16) Methylene chloride	3.08	84	1695	0.074	ug/L 78
35) Methylcyclohexane	6.74	83	25642	0.652	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	12386	0.557	ug/L # 86
39) cis-1,3-Dichloropropene	7.60	75	2885	0.078	ug/L # 31
48) 2-Hexanone	8.69	43	19190	1.823	ug/L # 66
51) Chlorobenzene	9.48	112	20737	0.332	ug/L 97
59) 1,2,3-Trichloropropane	11.84	75	13180	0.851	ug/L 91
65) 1,2-Dichlorobenzene	12.24	146	19546	0.558	ug/L 97

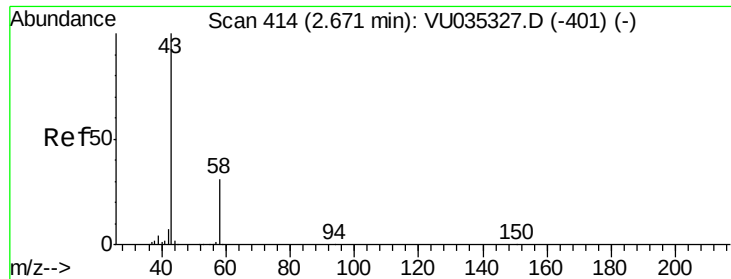
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.398 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035336.D

Acq: 21 Oct 2019 21:45

Instrument :

MSVOA_U

ClientSampled :

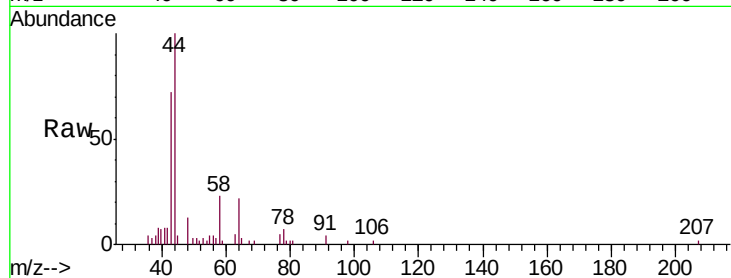
C0AA8

Tgt Ion: 43 Resp: 8677

Ion Ratio Lower Upper

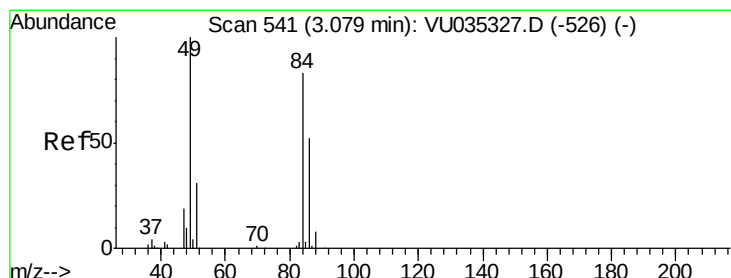
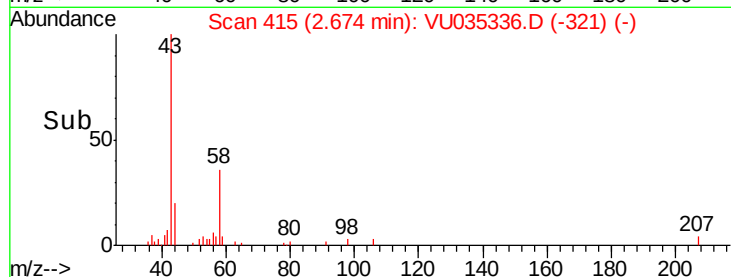
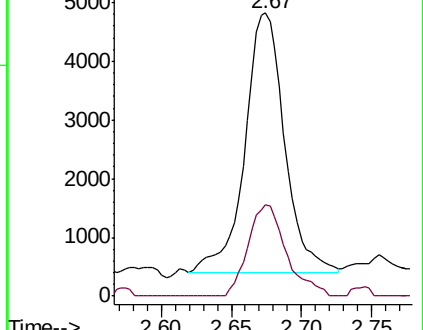
43 100

58 34.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035336.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU035336.D (-321) (-)



#16

Methylene chloride

Concen: 0.074 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035336.D

Acq: 21 Oct 2019 21:45

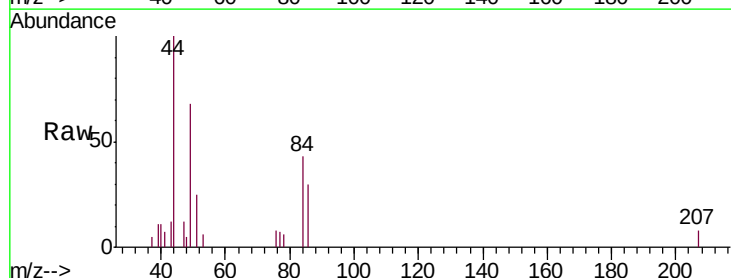
Tgt Ion: 84 Resp: 1695

Ion Ratio Lower Upper

84 100

86 69.0 45.4 84.2

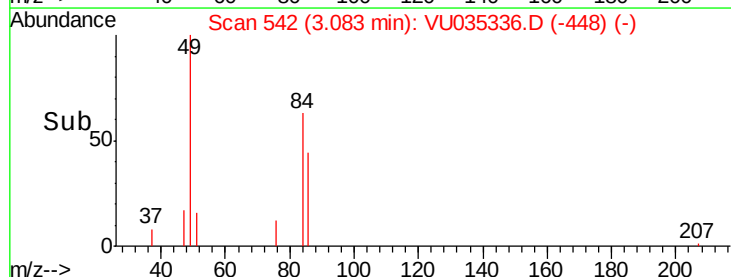
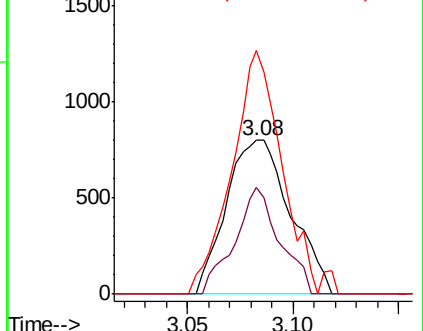
49 158.4 86.8 161.2

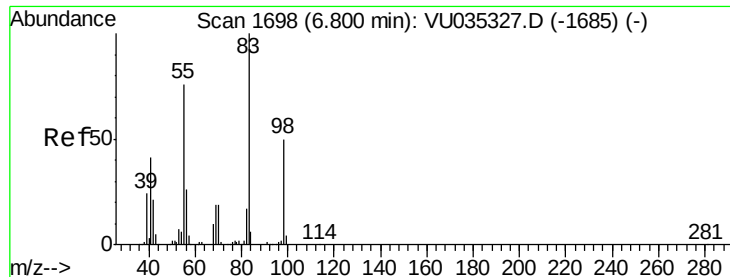


Abundance Ion 84.05 (83.75 to 84.75): VU035336.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035336.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035336.D (-448) (-)





#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.06 min

Lab File: VU035336.D

Acq: 21 Oct 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

C0AA8

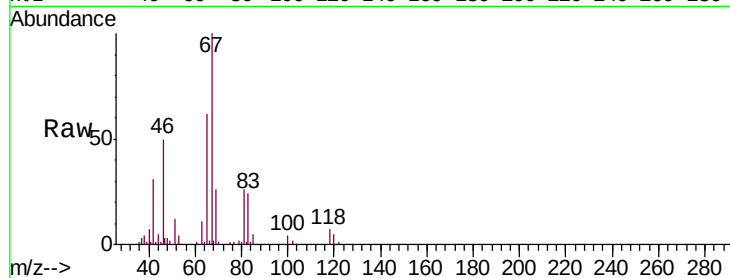
Tgt Ion: 83 Resp: 25642

Ion Ratio Lower Upper

83 100

55 0.2 60.4 90.6#

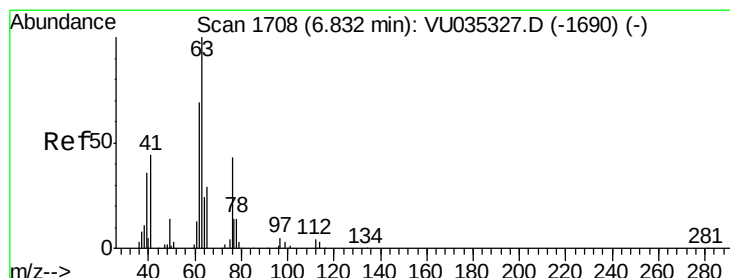
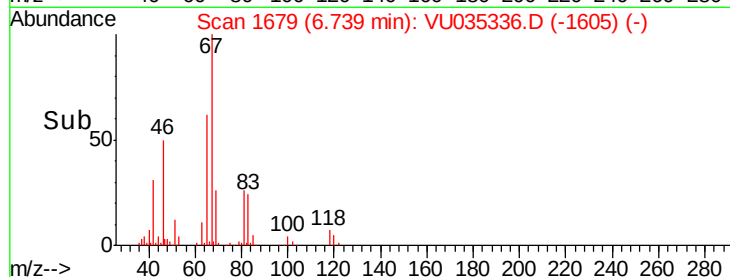
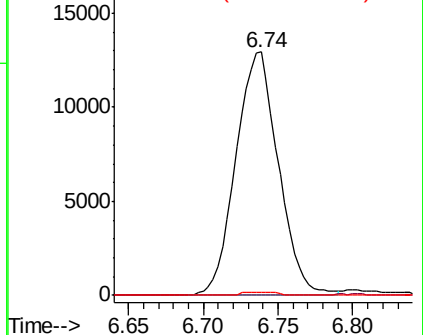
98 0.6 39.5 59.3#



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: 0.557 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035336.D

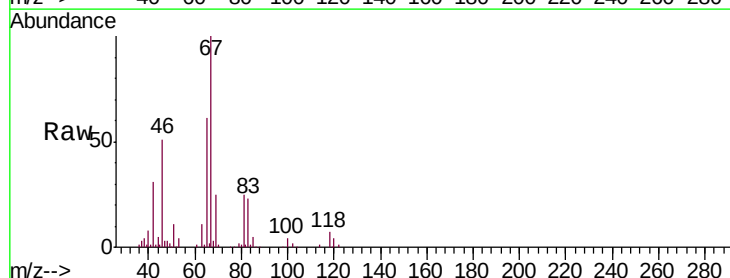
Acq: 21 Oct 2019 21:45

Tgt Ion: 63 Resp: 12386

Ion Ratio Lower Upper

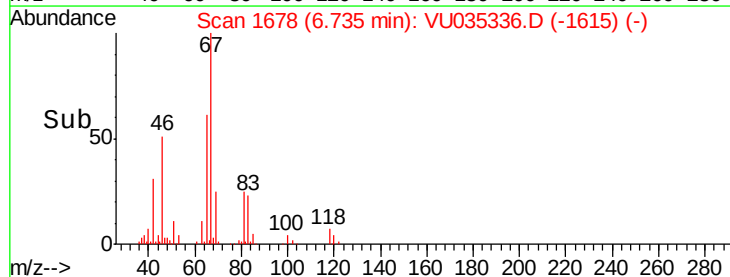
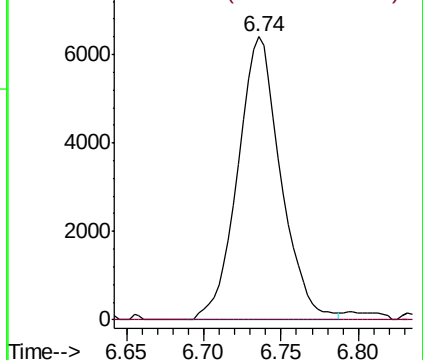
63 100

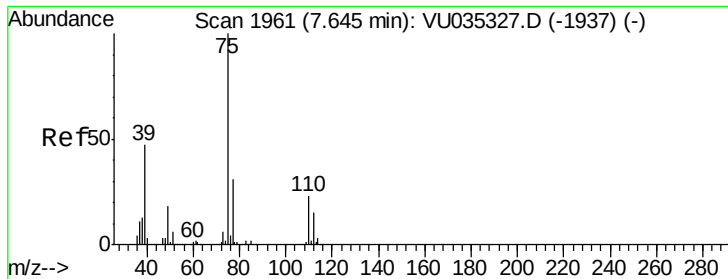
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035336.D

Acq: 21 Oct 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

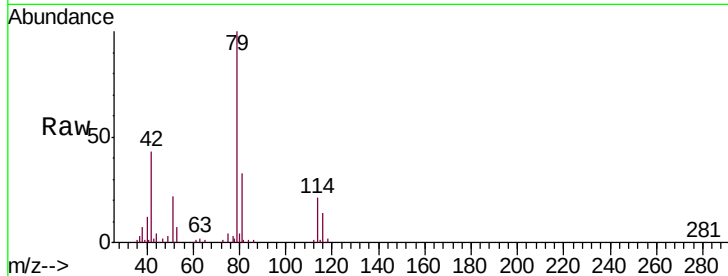
C0AA8

Tgt Ion: 75 Resp: 2885

Ion Ratio Lower Upper

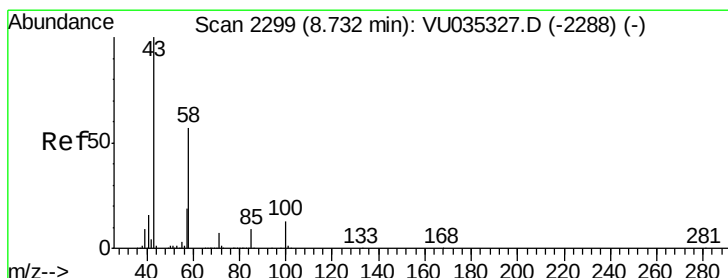
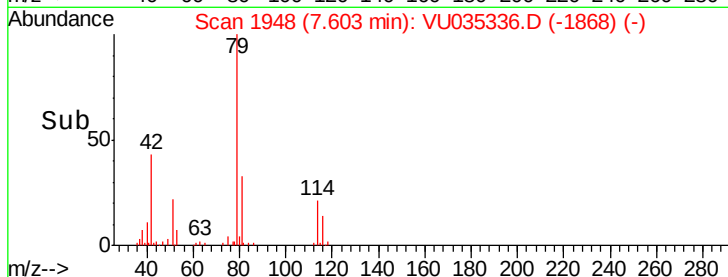
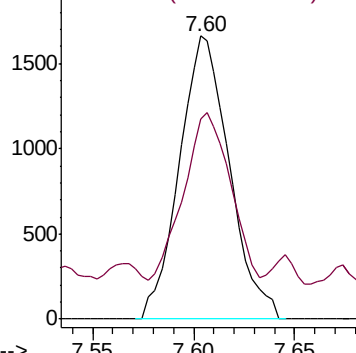
75 100

77 70.9 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.823 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.04 min

Lab File: VU035336.D

Acq: 21 Oct 2019 21:45

Tgt Ion: 43 Resp: 19190

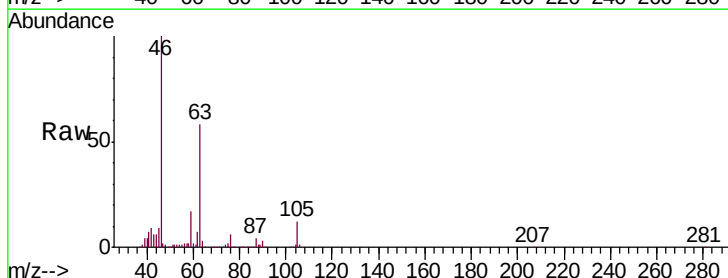
Ion Ratio Lower Upper

43 100

58 28.6 45.1 67.7#

57 30.0 16.0 24.0#

100 0.0 10.4 15.6#

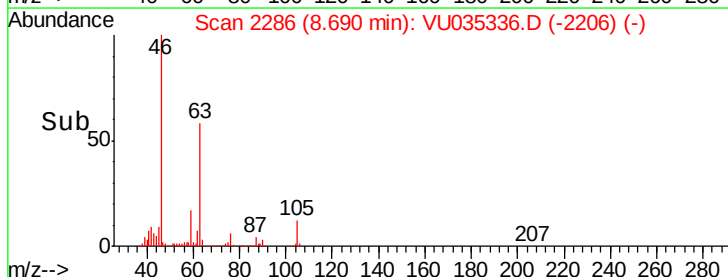
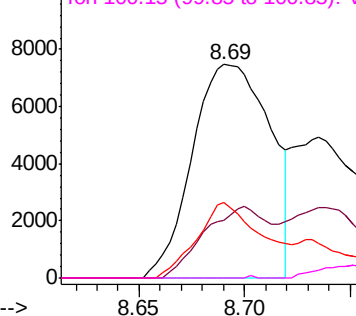


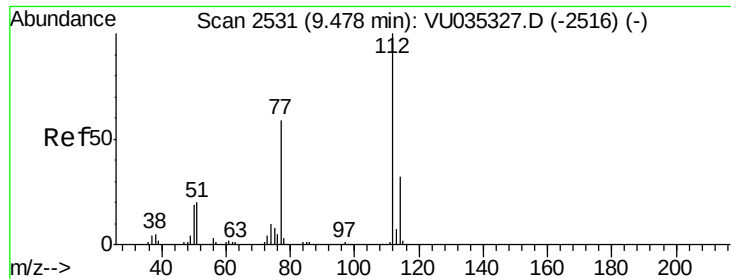
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

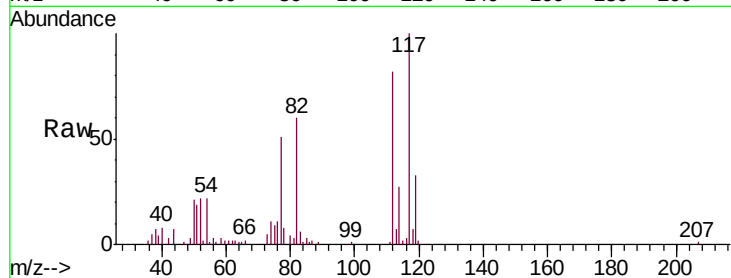




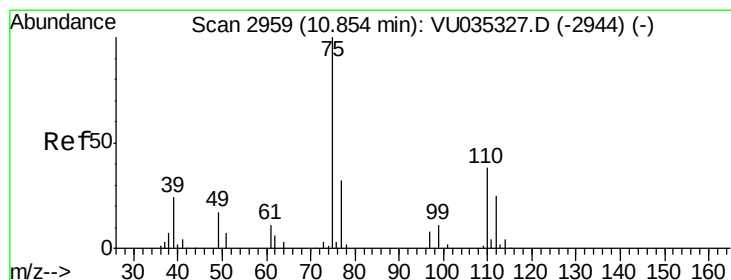
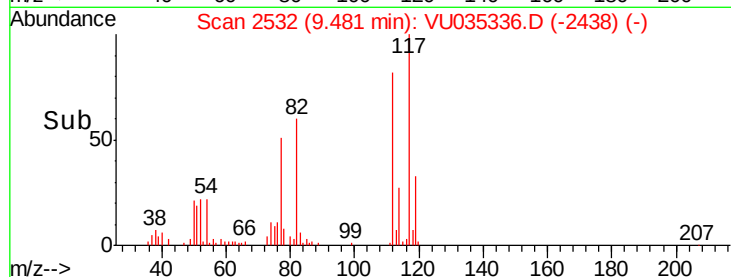
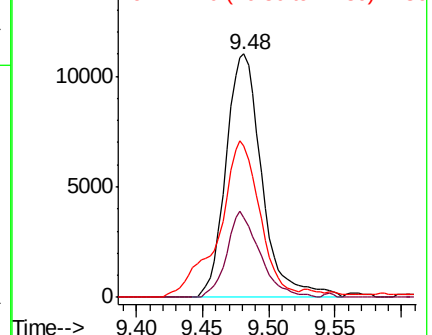
#51
Chlorobenzene
Concen: 0.332 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035336.D
Acq: 21 Oct 2019 21:45

Instrument :
MSVOA_U
ClientSampleId :
C0AA8

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.0	23.0	42.8
77	62.3	47.5	71.3

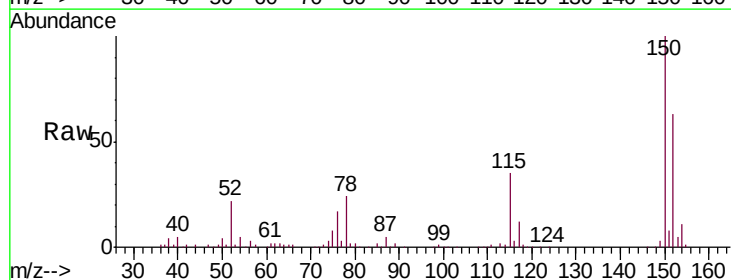


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

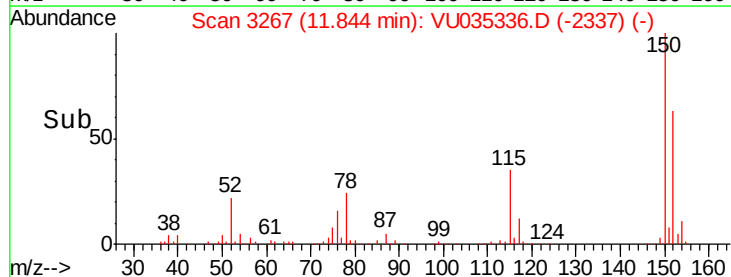
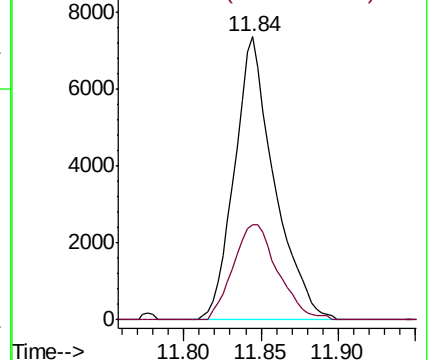


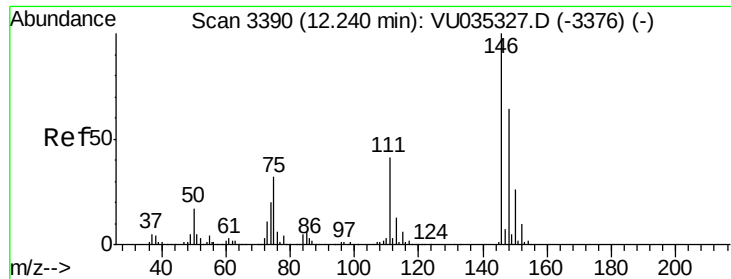
#59
1,2,3-Trichloropropane
Concen: 0.851 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035336.D
Acq: 21 Oct 2019 21:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.6	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: 0.558 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VU035336.D
 Acq: 21 Oct 2019 21:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	33.0	49.6
148	61.4	51.0	76.4

