

Data File : VU033137.D
Acq On : 02 Jul 2019 13:45
Operator : JC/SP
Sample : K3608-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAML2

Quant Time: Jul 03 02:17:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	90335	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	92514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35750	6.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	136.80%#
7) Chloroethane-d5	1.68	69	29084	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.60%
11) 1,1-Dichloroethene-d2	2.27	63	54282	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.19	46	92783	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	4.64	84	64659	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.31	65	37369	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.33	84	123091	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.32	67	39713	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	109800	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.85	79	15601	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.31	63	59023	45.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31252	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	43308	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

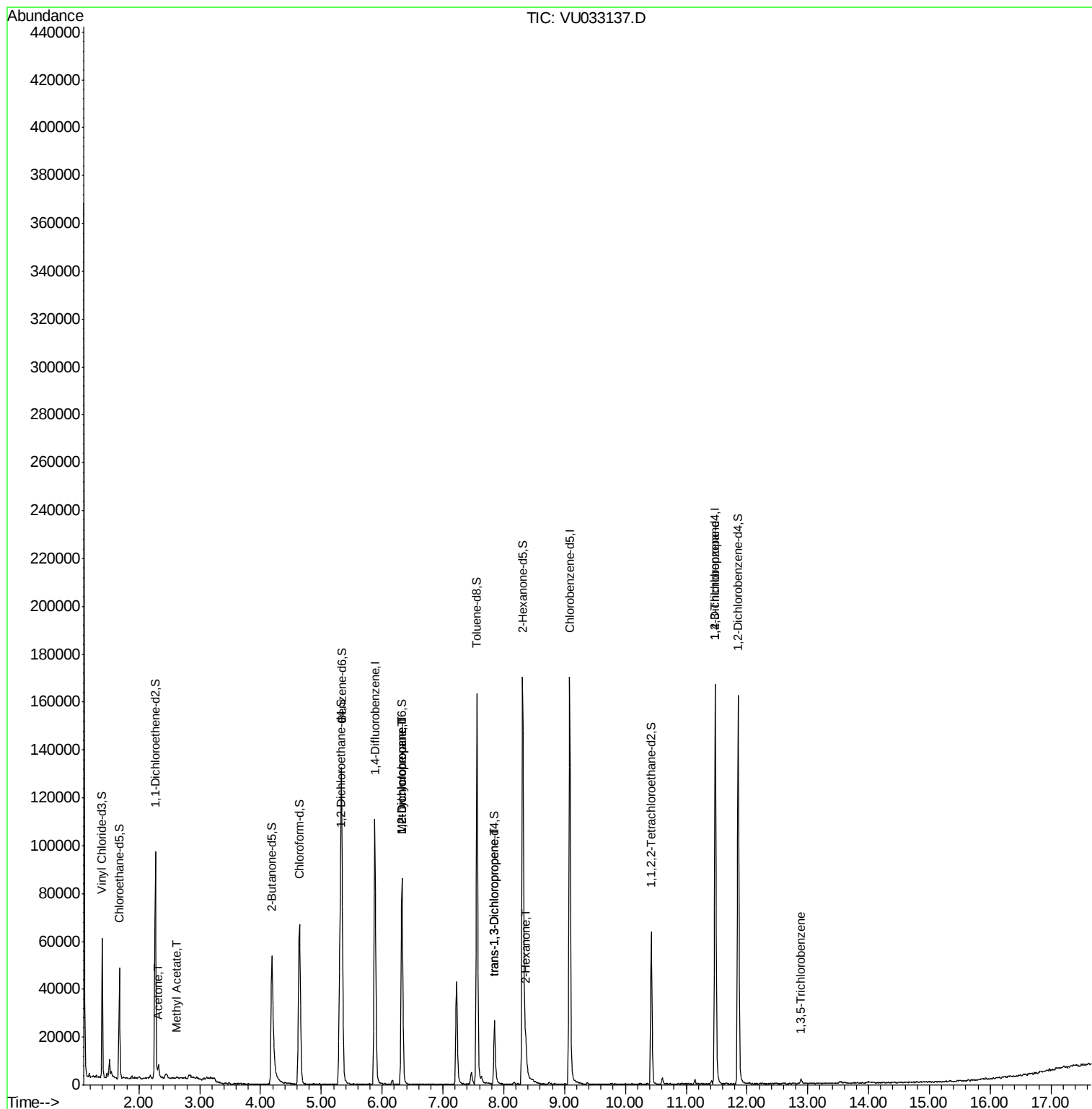
					Qvalue
13) Acetone	2.32	43	5279	3.449 ug/L	98
15) Methyl Acetate	2.61	43	509	0.140 ug/L #	55
35) Methylcyclohexane	6.32	83	9427	0.852 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	4762	0.635 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	801	0.091 ug/L	89
48) 2-Hexanone	8.36	43	7774	2.058 ug/L #	98
59) 1,2,3-Trichloropropane	11.48	75	6059	1.187 ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	1068	0.097 ug/L #	96

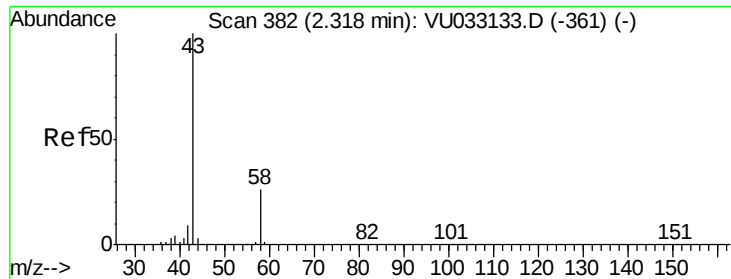
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.449 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033137.D

Acq: 02 Jul 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

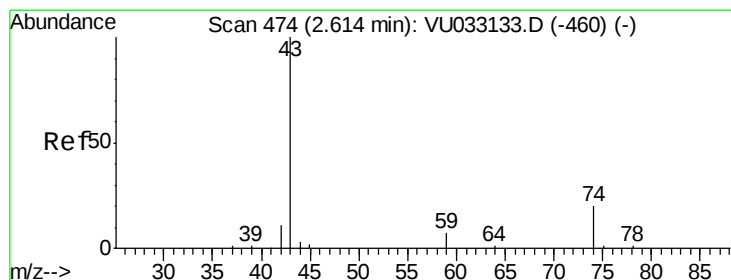
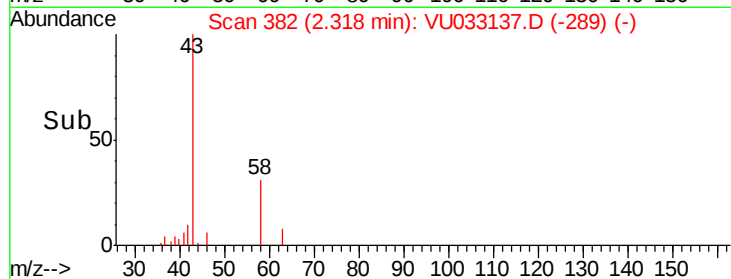
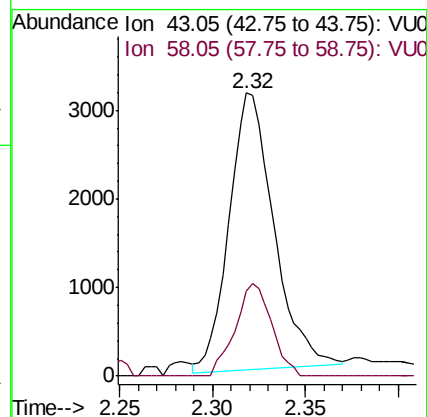
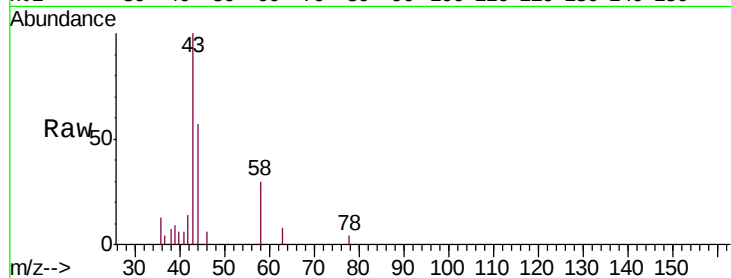
GAML2

Tgt Ion: 43 Resp: 5279

Ion Ratio Lower Upper

43 100

58 26.9 0.0 55.4



#15

Methyl Acetate

Concen: 0.140 ug/L

RT: 2.61 min Scan# 474

Delta R.T. -0.00 min

Lab File: VU033137.D

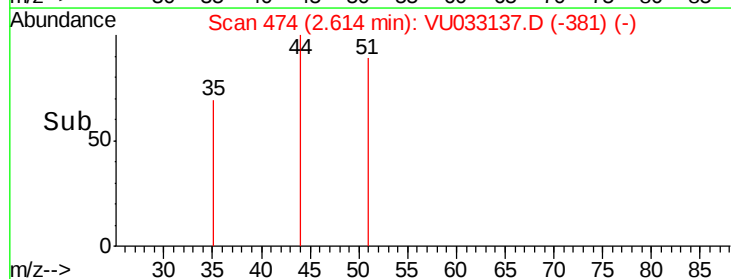
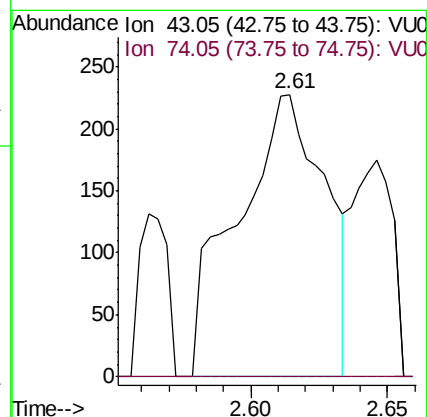
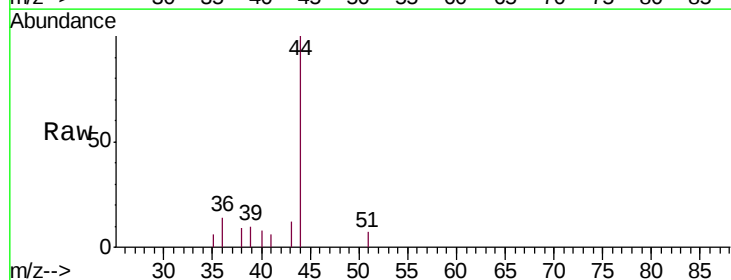
Acq: 02 Jul 2019 13:45

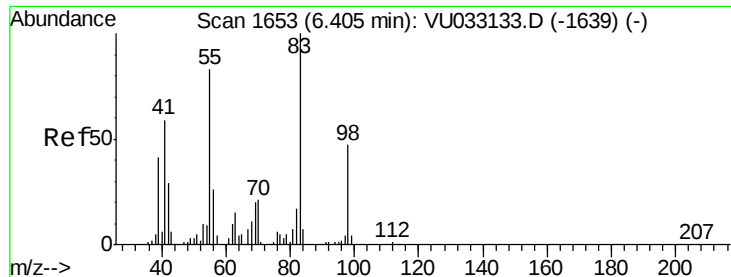
Tgt Ion: 43 Resp: 509

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#

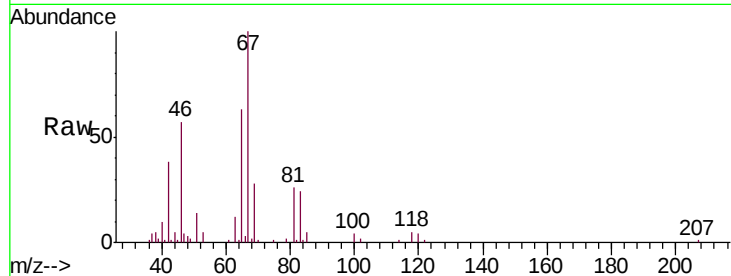




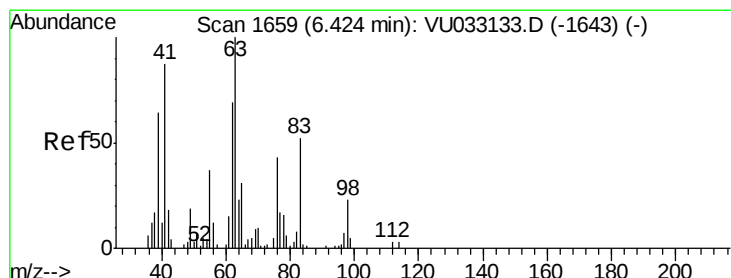
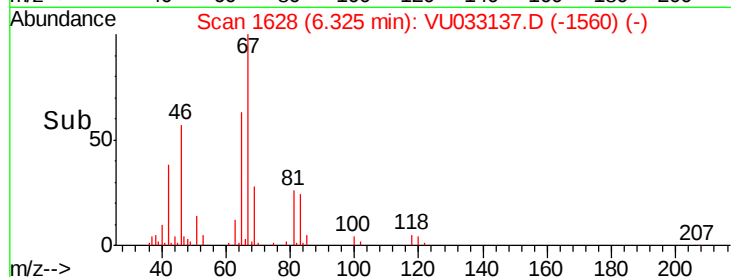
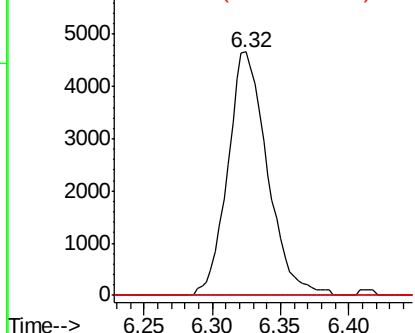
#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033137.D
Acq: 02 Jul 2019 13:45

Instrument :
MSVOA_U
ClientSampleId :
GAML2

Tgt Ion: 83 Resp: 9427
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.7 37.1 55.7#

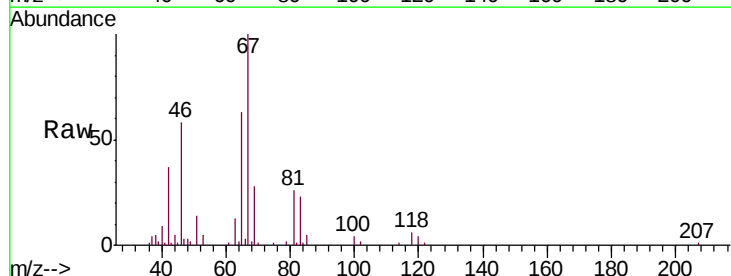


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

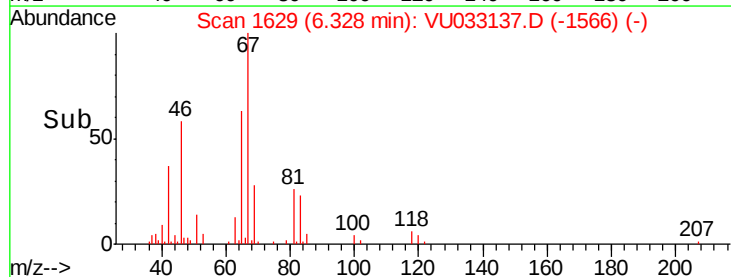
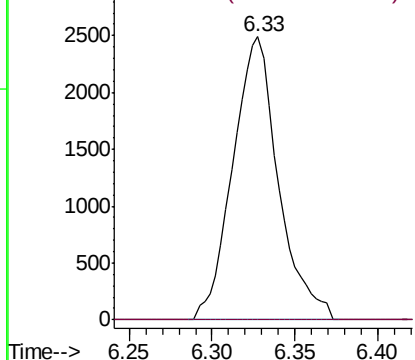


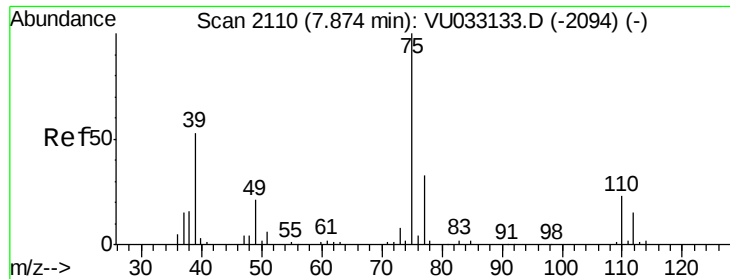
#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU033137.D
Acq: 02 Jul 2019 13:45

Tgt Ion: 63 Resp: 4762
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

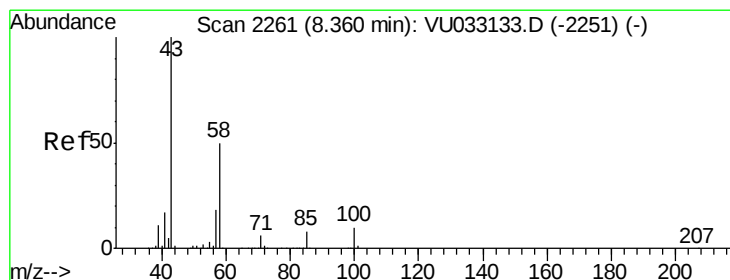
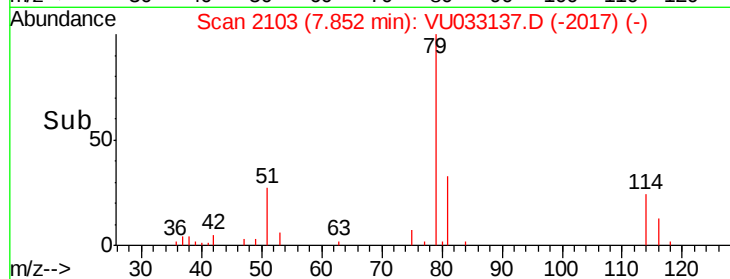
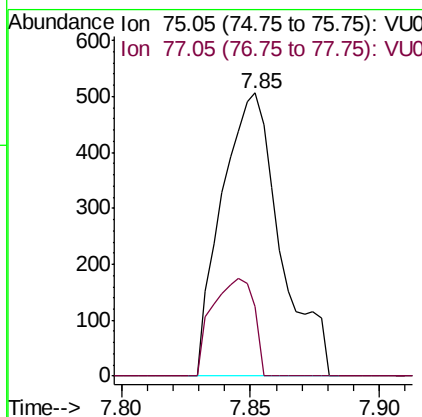
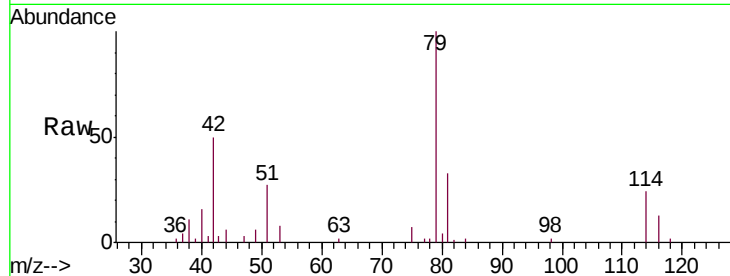




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU033137.D
Acq: 02 Jul 2019 13:45

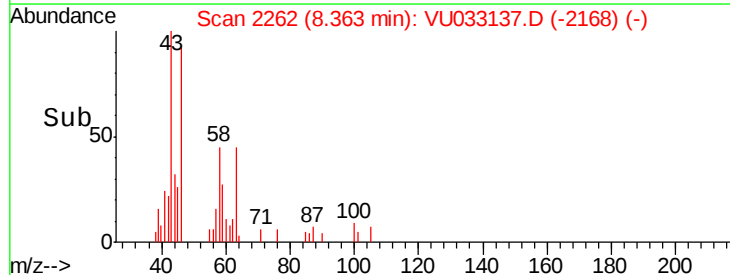
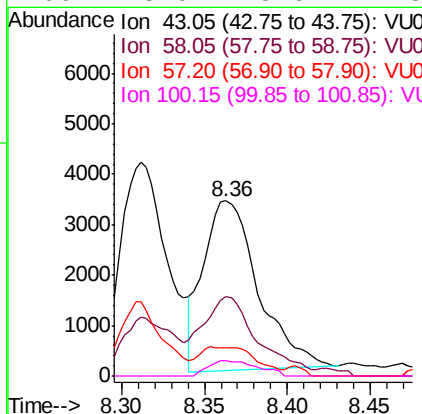
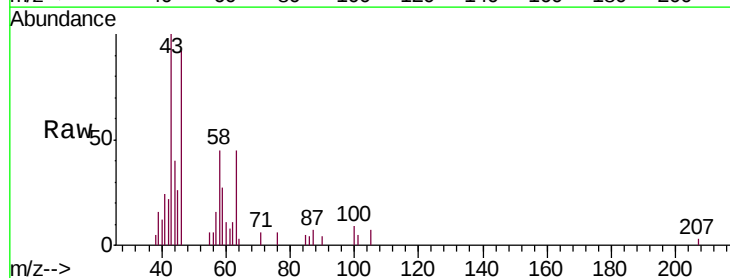
Instrument :
MSVOA_U
ClientSampleId :
GAML2

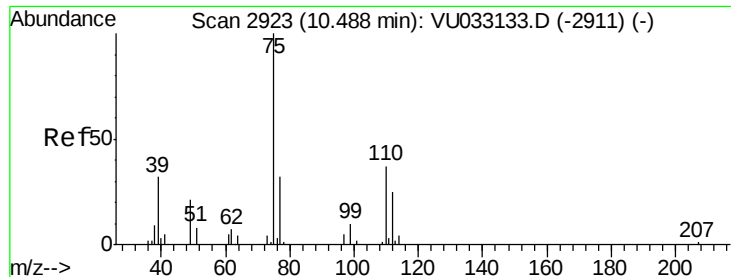
Tgt Ion: 75 Resp: 801
Ion Ratio Lower Upper
75 100
77 24.7 21.6 40.2



#48
2-Hexanone
Concen: 2.058 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033137.D
Acq: 02 Jul 2019 13:45

Tgt Ion: 43 Resp: 7774
Ion Ratio Lower Upper
43 100
58 48.4 39.0 58.6
57 17.8 13.9 20.9
100 8.0 8.6 12.8#





#59

1,2,3-Trichloropropane

Concen: 1.187 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033137.D

Acq: 02 Jul 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

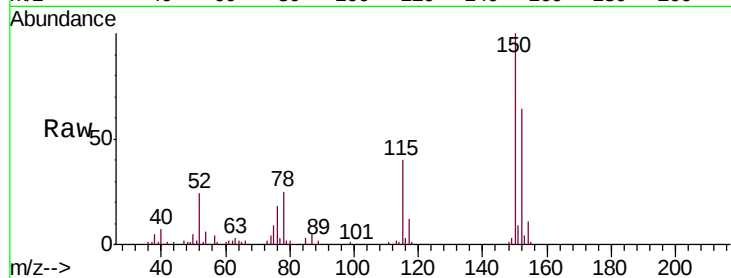
GAML2

Tgt Ion: 75 Resp: 6059

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU033137.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU033137.D (-2911) (-)

11.48

4000

3000

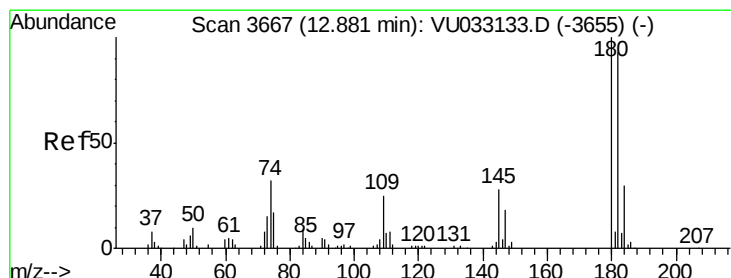
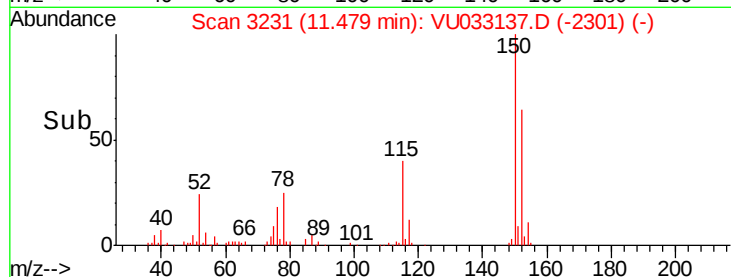
2000

1000

0

11.45 11.50 11.55

Time-->



#67

1,3,5-Trichlorobenzene

Concen: 0.097 ug/L

RT: 12.89 min Scan# 3671

Delta R.T. 0.01 min

Lab File: VU033137.D

Acq: 02 Jul 2019 13:45

Tgt Ion: 180 Resp: 1068

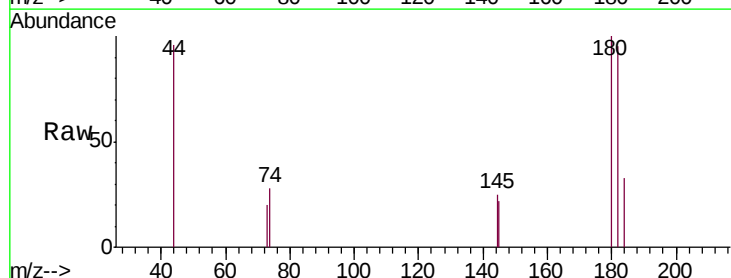
Ion Ratio Lower Upper

180 100

182 99.2 78.3 117.5

184 28.8 24.2 36.2

145 20.6 23.4 35.2#



Abundance Ion 180.00 (179.70 to 180.70): VU033137.D (-3655) (-)

Ion 182.00 (181.70 to 182.70): VU033137.D (-3655) (-)

Ion 184.00 (183.70 to 184.70): VU033137.D (-3655) (-)

Ion 145.00 (144.70 to 145.70): VU033137.D (-3655) (-)

800

600

400

200

0

12.85 12.90

Time-->

