

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030940.D
 Acq On : 09 Apr 2019 07:03
 Operator : JC/SP
 Sample : K2286-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE0

Quant Time: Apr 09 08:00:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 07:55:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	224320	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233189	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87201	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89165	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.68	69	78858	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.27	63	141927	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.19	46	275027	62.26	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.52%
24) Chloroform-d	4.64	84	153123	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	99413	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.80%
32) Benzene-d6	5.33	84	314676	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	108711	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.56	98	247554	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	33118	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	172759	51.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85939	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	86195	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

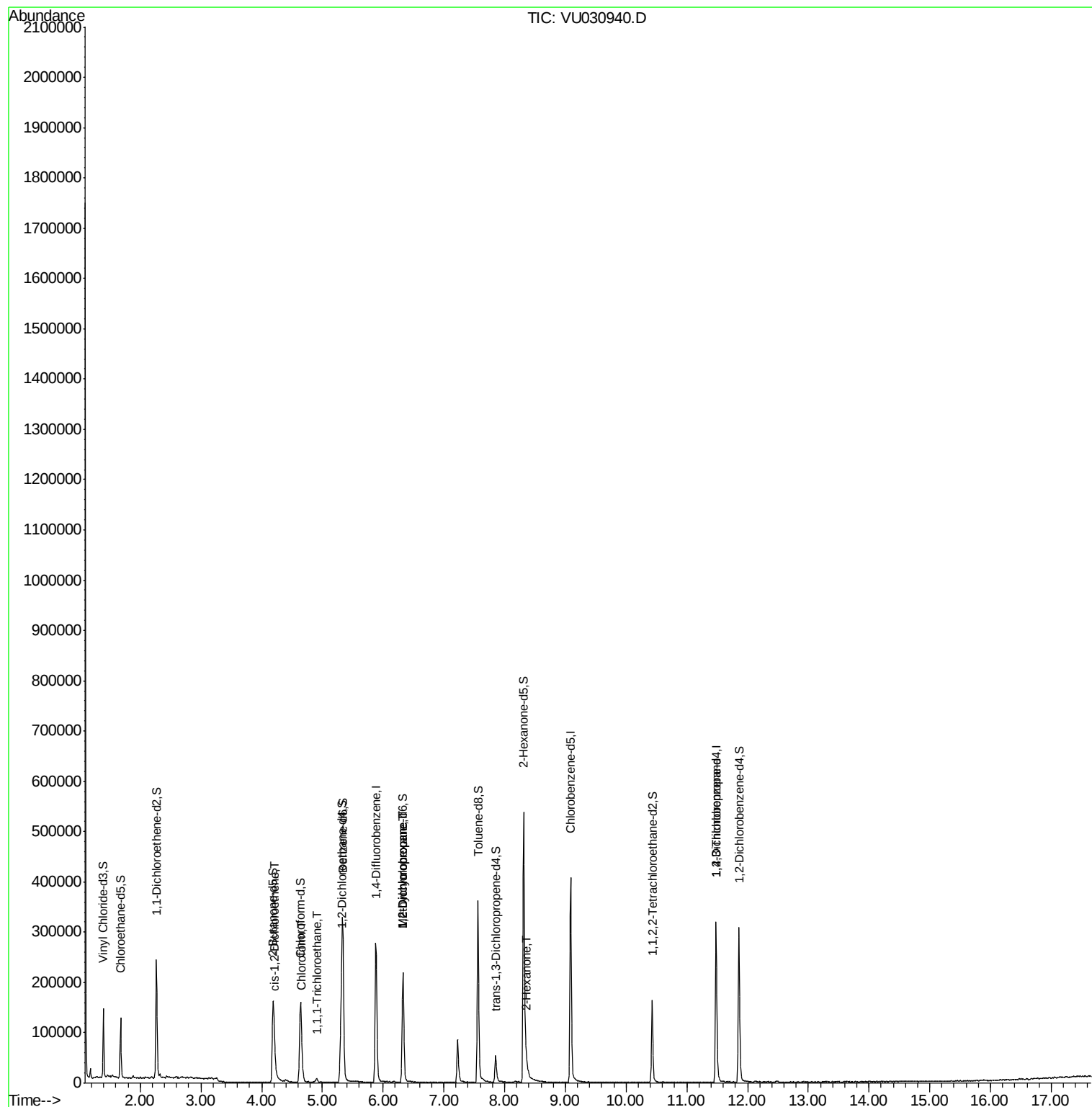
					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	3241	0.176 ug/L	98
25) Chloroform	4.67	83	16248	0.488 ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	4665	0.157 ug/L	94
35) Methylcyclohexane	6.33	83	23388	0.742 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	11847	0.546 ug/L #	90
48) 2-Hexanone	8.37	43	12664	1.350 ug/L #	44
59) 1,2,3-Trichloropropane	11.49	75	11503	0.948 ug/L	91

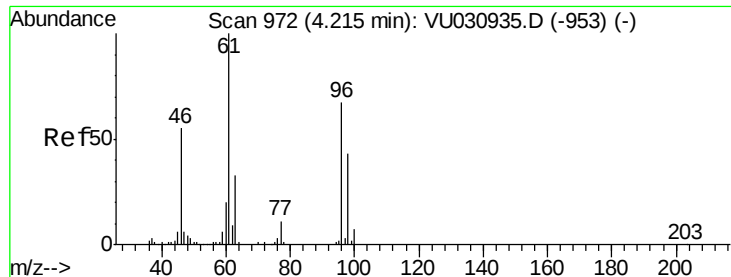
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 09 07:55:38 2019
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.176 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU030940.D

Acq: 09 Apr 2019 07:03

Instrument :

MSVOA_U

ClientSampleId :

BEZE0

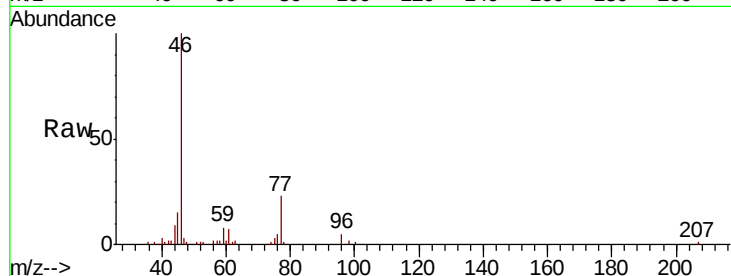
Tot Ion: 96 Resp: 3241

Ion Ratio Lower Upper

96 100

61 143.4 98.9 183.7

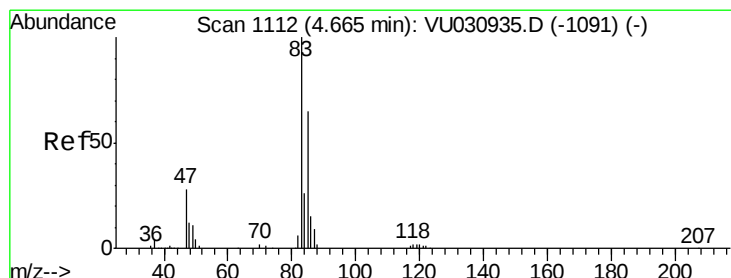
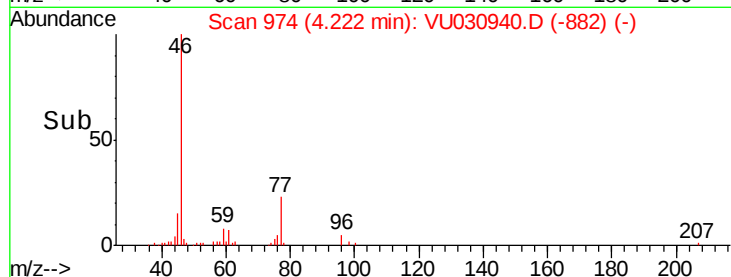
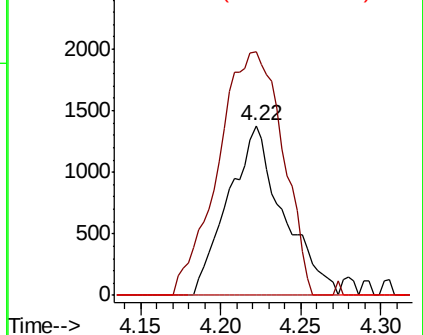
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030940.D (-882) (-)

Ion 61.05 (60.75 to 61.75): VU030940.D (-882) (-)

Ion 68.15 (67.85 to 68.85): VU030940.D (-882) (-)



#25

Chloroform

Concen: 0.488 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030940.D

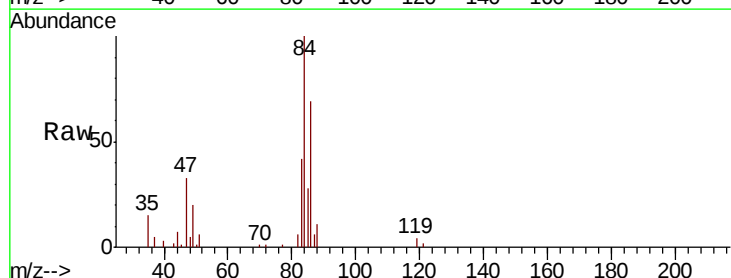
Acq: 09 Apr 2019 07:03

Tgt Ion: 83 Resp: 16248

Ion Ratio Lower Upper

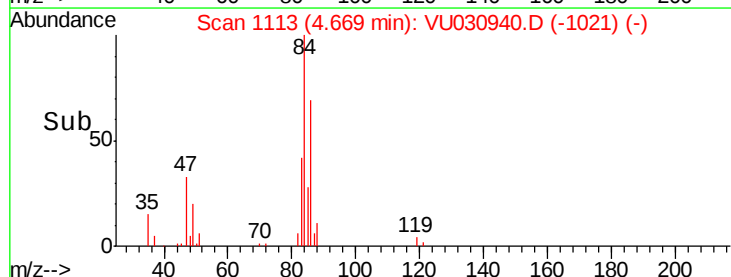
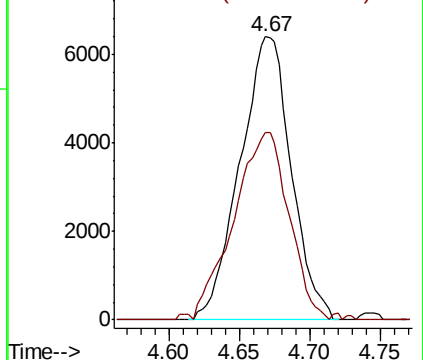
83 100

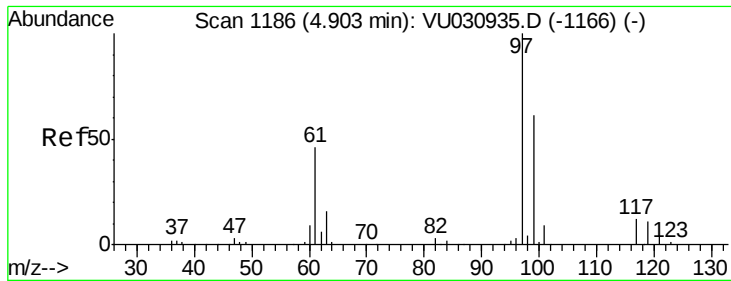
85 66.3 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030940.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VU030940.D (-1021) (-)

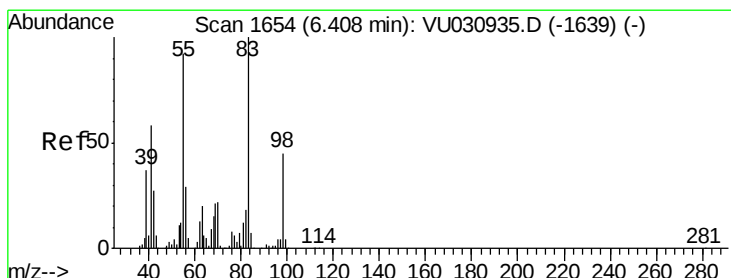
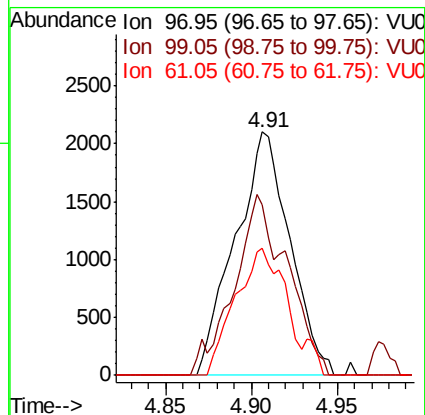
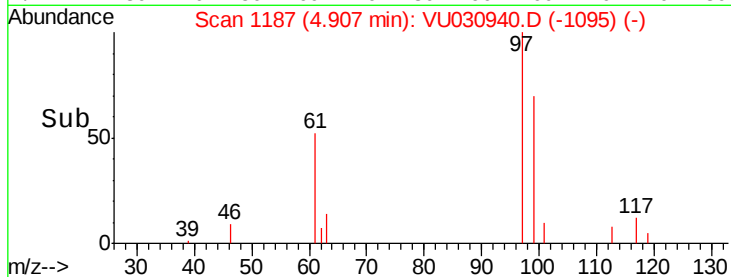
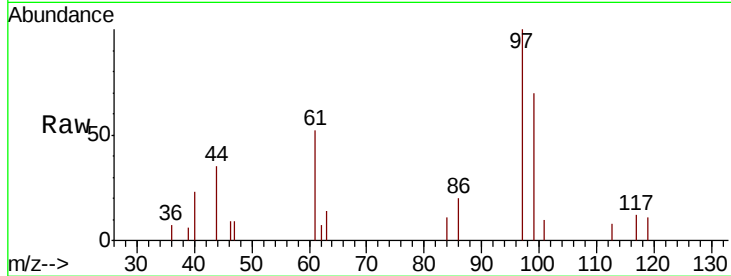




#29
 1,1,1-Trichloroethane
 Concen: 0.157 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030940.D
 Acq: 09 Apr 2019 07:03

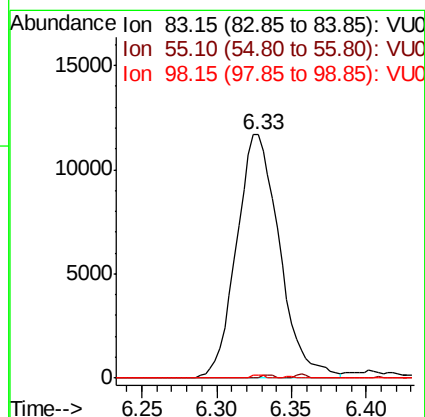
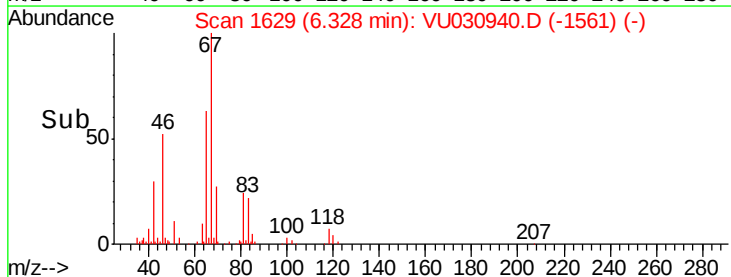
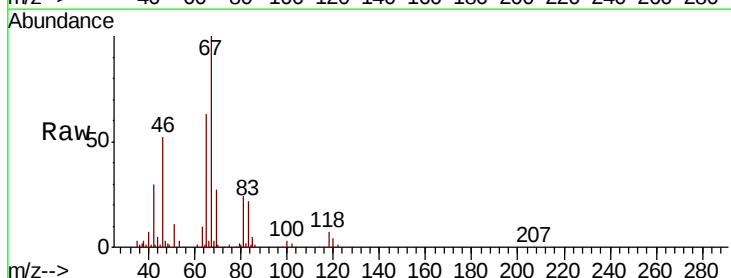
Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE0

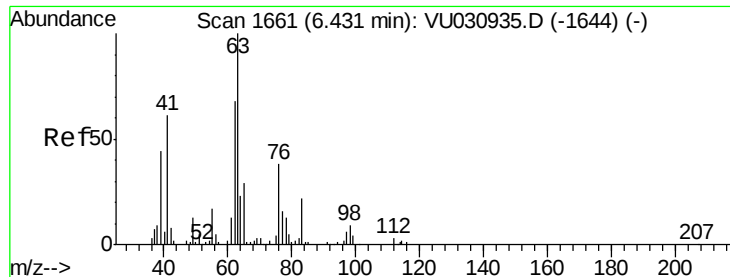
Tot Ion: 97 Resp: 4665
 Ion Ratio Lower Upper
 97 100
 99 71.9 51.8 77.6
 61 47.1 38.1 57.1



#35
 Methylcyclohexane
 Concen: 0.742 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU030940.D
 Acq: 09 Apr 2019 07:03

Tgt Ion: 83 Resp: 23388
 Ion Ratio Lower Upper
 83 100
 55 0.4 72.6 108.8#
 98 0.4 35.0 52.6#





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030940.D

Acq: 09 Apr 2019 07:03

Instrument :

MSVOA_U

ClientSampleId :

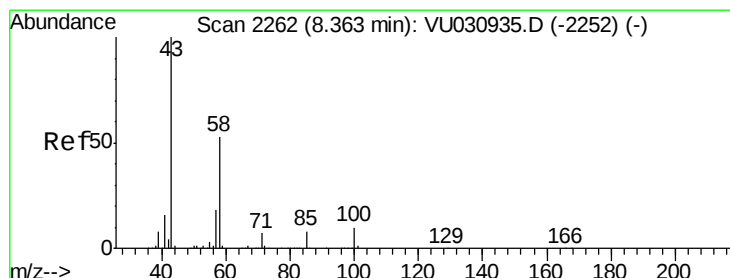
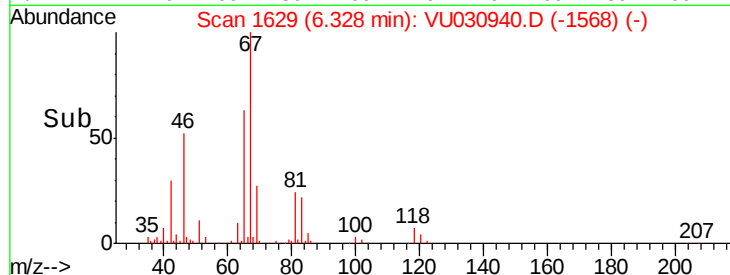
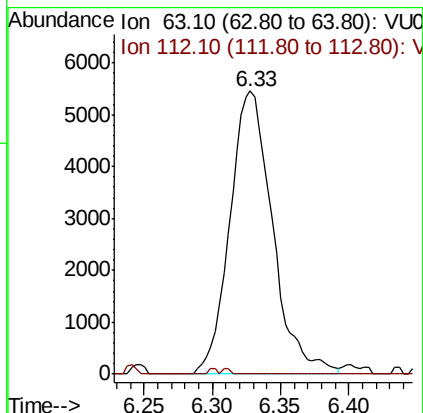
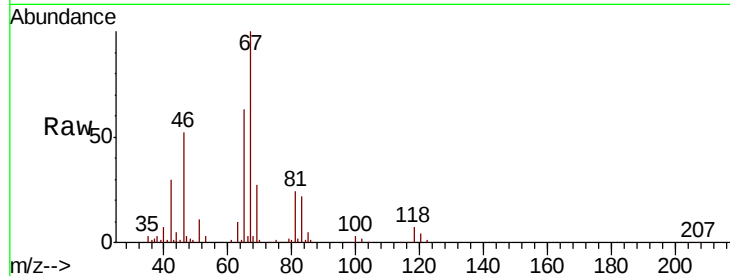
BEZE0

Tot Ion: 63 Resp: 11847

Ion Ratio Lower Upper

63 100

112 0.4 2.8 4.2#



#48

2-Hexanone

Concen: 1.350 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU030940.D

Acq: 09 Apr 2019 07:03

Tgt Ion: 43 Resp: 12664

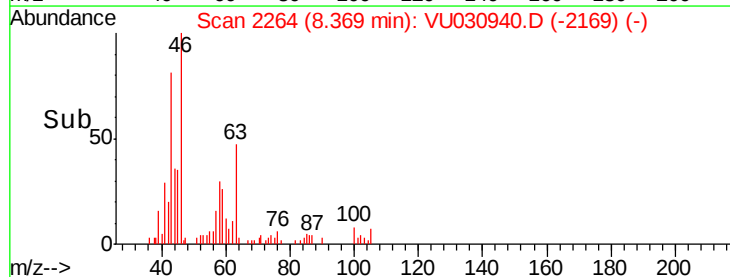
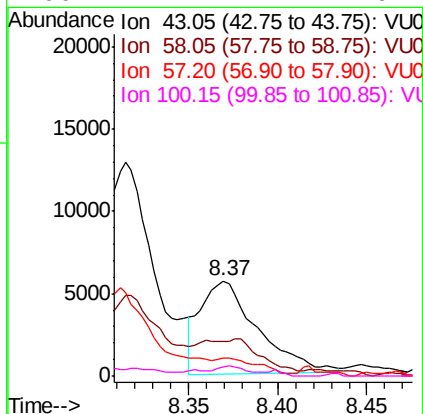
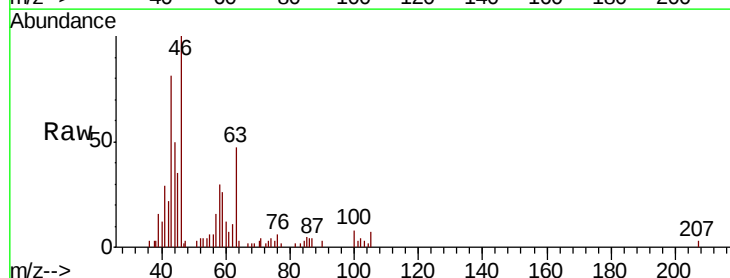
Ion Ratio Lower Upper

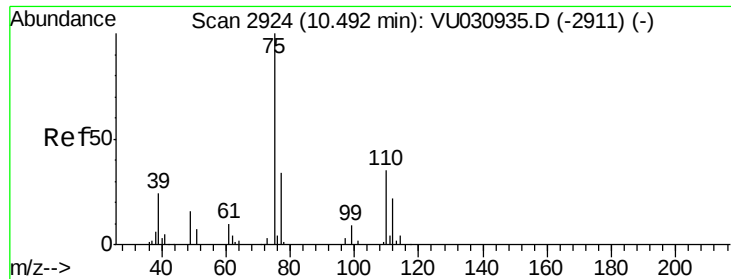
43 100

58 0.0 42.5 63.7#

57 10.4 13.9 20.9#

100 2.4 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 0.99 min

Lab File: VU030940.D

Acq: 09 Apr 2019 07:03

Instrument :

MSVOA_U

ClientSampleId :

BEZE0

Tot Ion: 75 Resp: 11503

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4

