

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030946.D
 Acq On : 09 Apr 2019 10:05
 Operator : JC/SP
 Sample : K2286-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE8

Quant Time: Apr 10 01:19:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 01:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227496	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91169	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85194	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	76269	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.27	63	137985	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.19	46	261240	58.32	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.64%
24) Chloroform-d	4.64	84	152552	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.31	65	89664	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.33	84	297793	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.33	67	105689	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.56	98	231886	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	32761	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.31	63	145594	43.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80909	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	82738	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

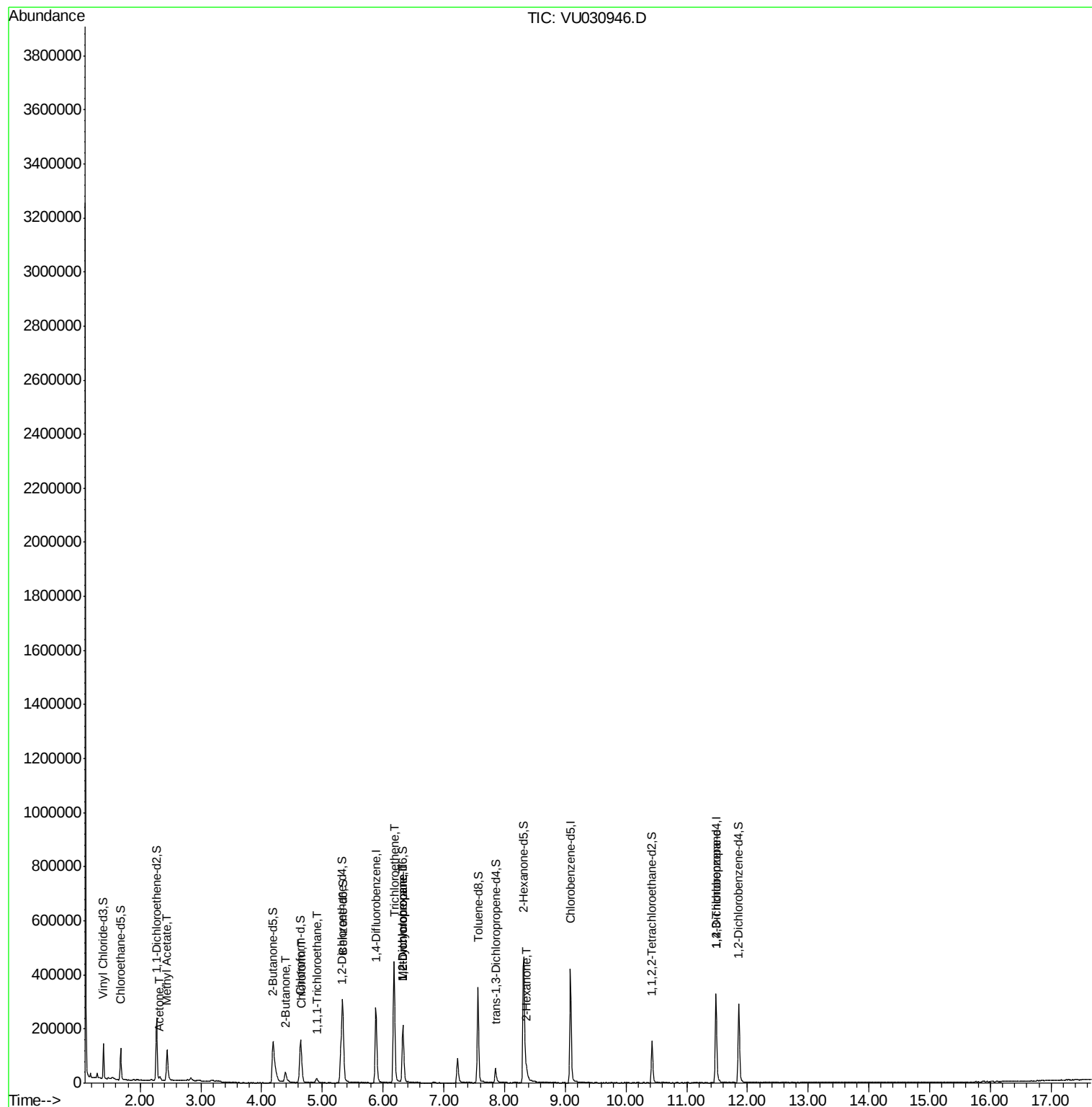
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	13980	4.037	ug/L	94
15) Methyl Acetate	2.44	43	28217	3.154	ug/L #	55
21) 2-Butanone	4.39	43	59025	10.754	ug/L #	54
25) Chloroform	4.67	83	12409	0.367	ug/L	94
29) 1,1,1-Trichloroethane	4.91	97	11782	0.394	ug/L	96
34) Trichloroethene	6.18	95	165195	8.319	ug/L	95
35) Methylcyclohexane	6.33	83	22759	0.718	ug/L #	13
37) 1,2-Dichloropropane	6.32	63	11882	0.544	ug/L #	90
48) 2-Hexanone	8.37	43	16347	1.733	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	10897	0.893	ug/L	91

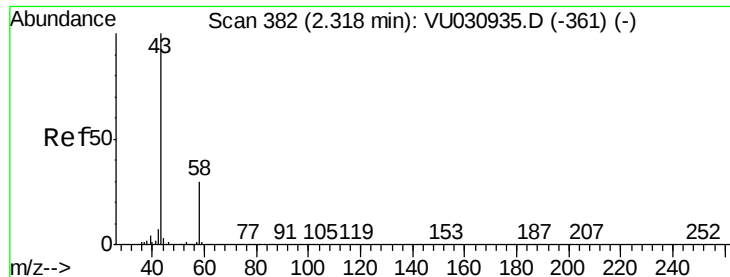
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 01:14:30 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.037 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030946.D

Acq: 09 Apr 2019 10:05

Instrument :

MSVOA_U

ClientSampleId :

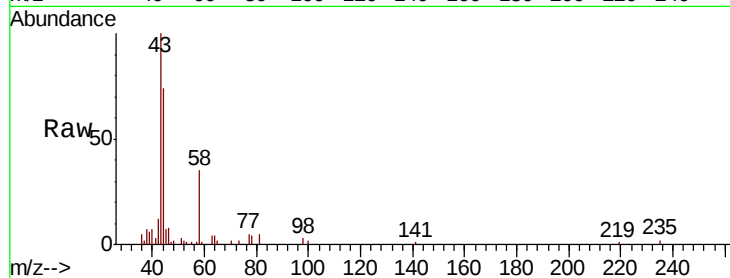
BEZE8

Tot Ion: 43 Resp: 13980

Ion Ratio Lower Upper

43 100

58 34.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030935.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU030935.D (-361) (-)

8000

6000

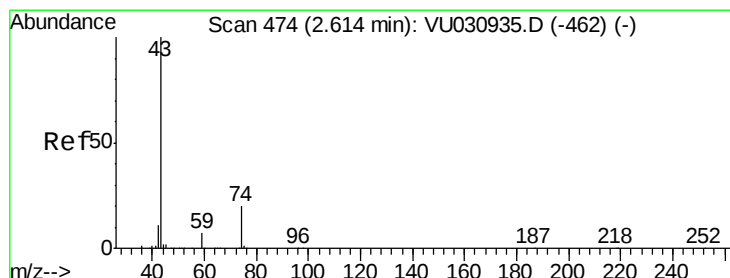
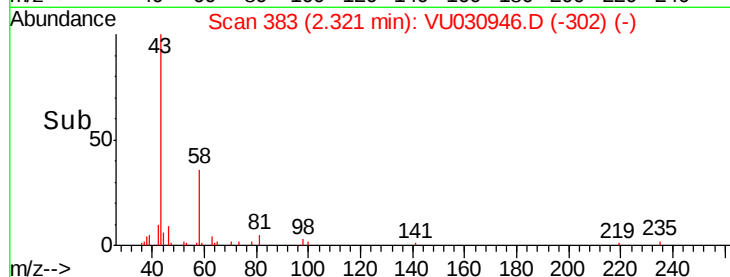
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#15

Methyl Acetate

Concen: 3.154 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.19 min

Lab File: VU030946.D

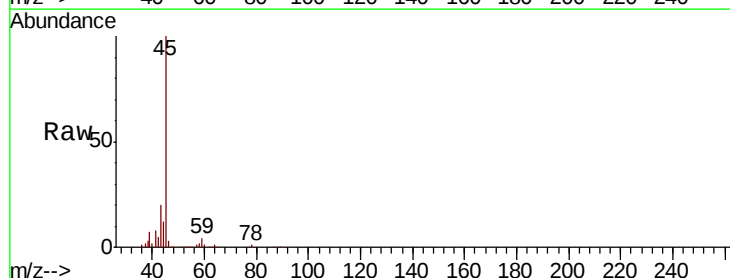
Acq: 09 Apr 2019 10:05

Tgt Ion: 43 Resp: 28217

Ion Ratio Lower Upper

43 100

74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU030935.D (-462) (-)

Ion 74.05 (73.75 to 74.75): VU030935.D (-462) (-)

15000

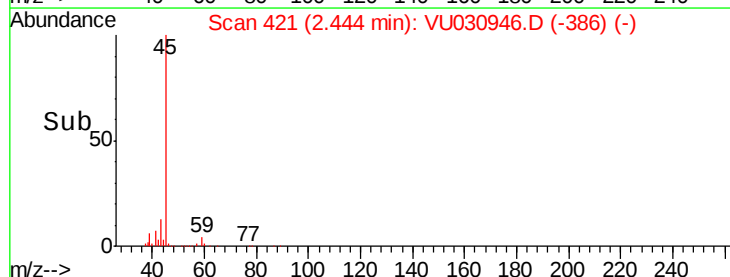
10000

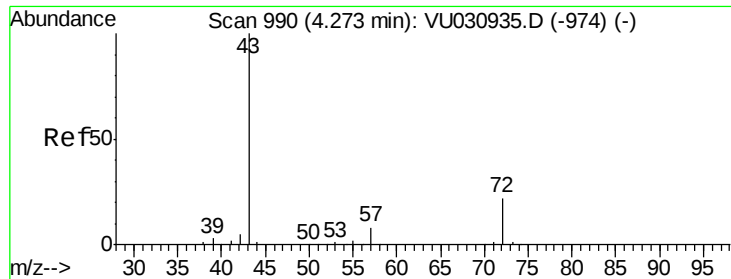
5000

0

2.35 2.40 2.45 2.50 2.55

Time-->

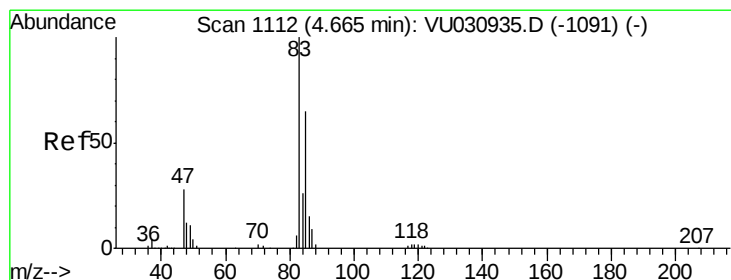
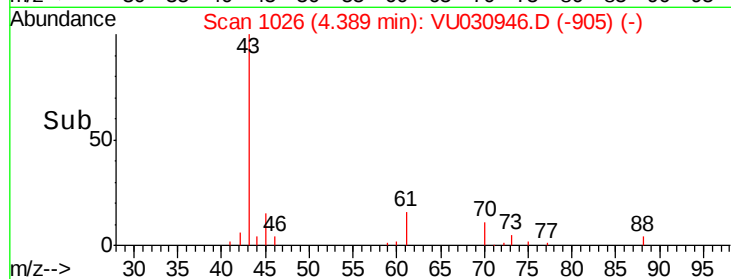
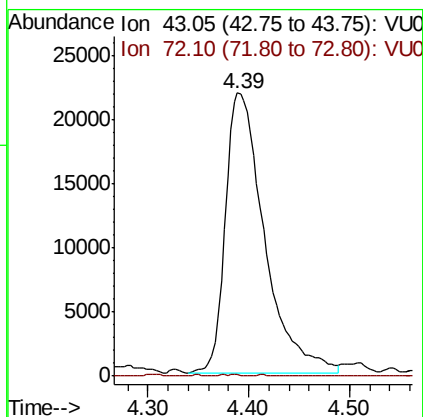
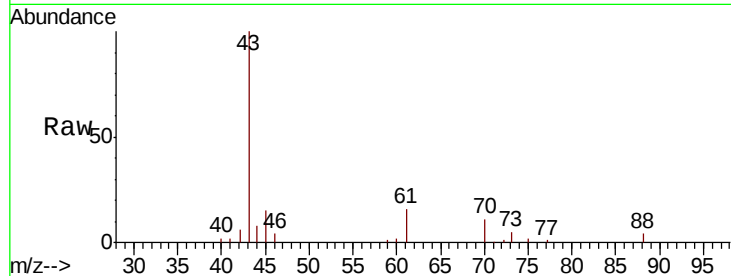




#21
2-Butanone
Concen: 10.754 ug/L
RT: 4.39 min Scan# 1026
Delta R.T. 0.09 min
Lab File: VU030946.D
Acq: 09 Apr 2019 10:05

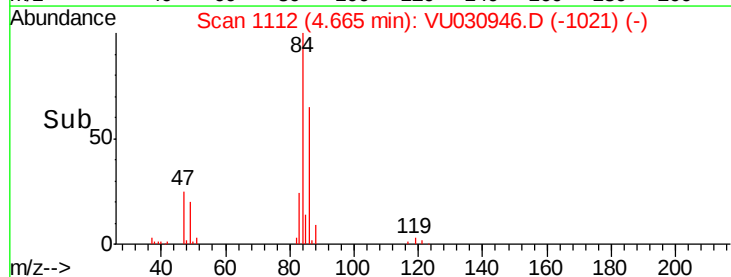
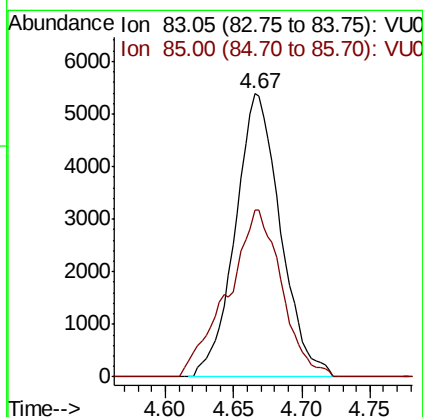
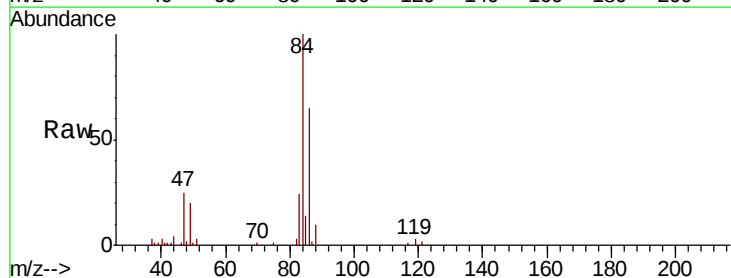
Instrument :
MSVOA_U
ClientSampleId :
BEZE8

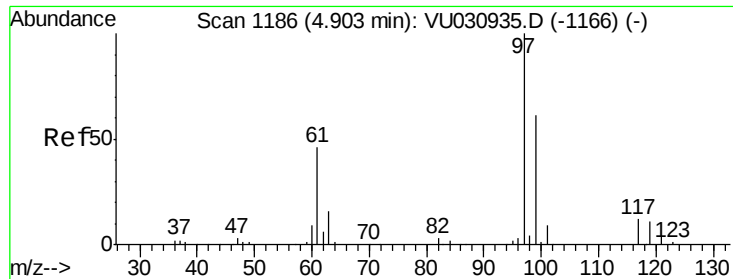
Tot Ion: 43 Resp: 59025
Ion Ratio Lower Upper
43 100
72 0.1 11.2 33.5#



#25
Chloroform
Concen: 0.367 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VU030946.D
Acq: 09 Apr 2019 10:05

Tgt Ion: 83 Resp: 12409
Ion Ratio Lower Upper
83 100
85 58.8 44.2 82.2

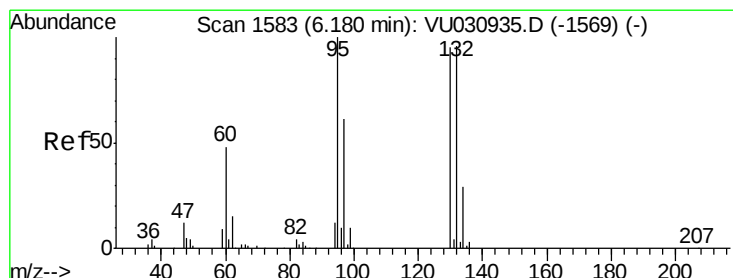
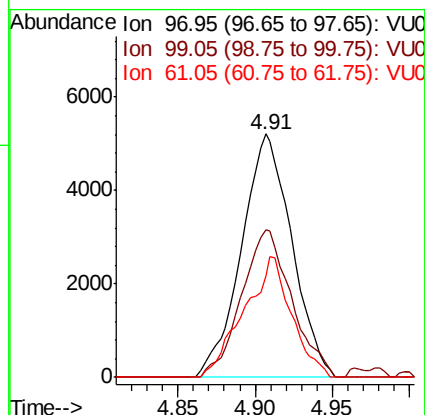
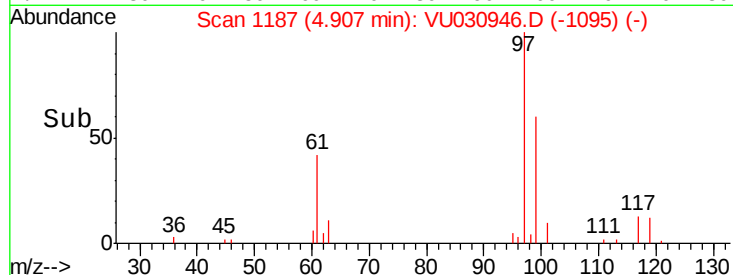
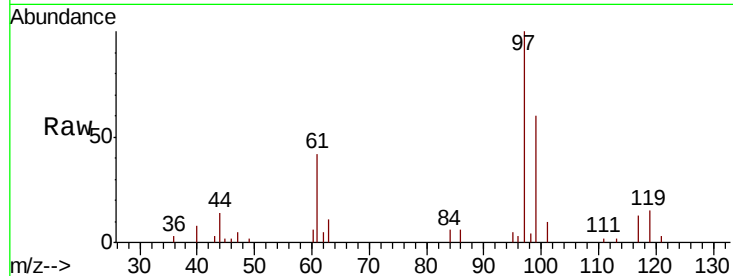




#29
1,1,1-Trichloroethane
Concen: 0.394 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU030946.D
Acq: 09 Apr 2019 10:05

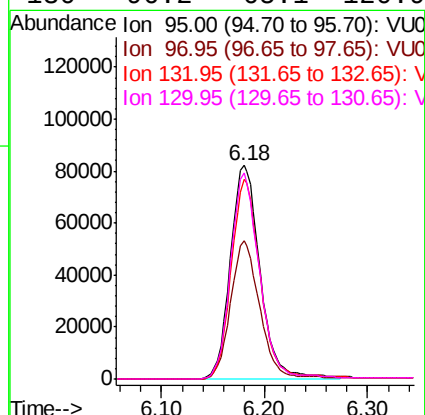
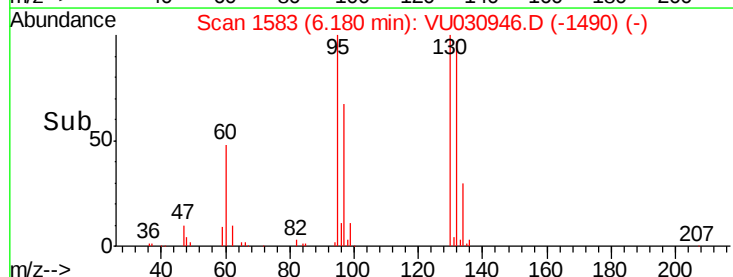
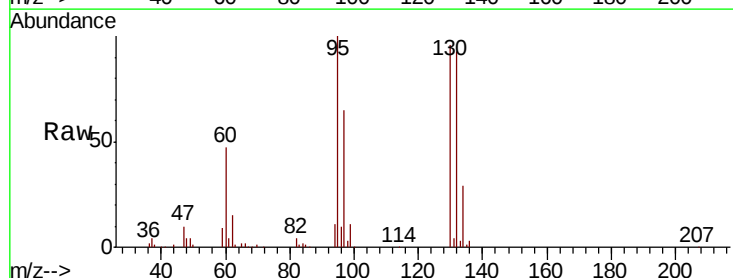
Instrument :
MSVOA_U
ClientSampleId :
BEZE8

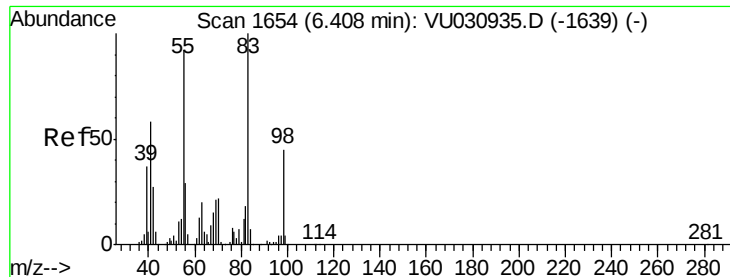
Tot Ion: 97 Resp: 11782
Ion Ratio Lower Upper
97 100
99 60.4 51.8 77.6
61 46.8 38.1 57.1



#34
Trichloroethene
Concen: 8.319 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030946.D
Acq: 09 Apr 2019 10:05

Tgt Ion: 95 Resp: 165195
Ion Ratio Lower Upper
95 100
97 64.8 43.5 80.9
132 93.2 60.7 112.7
130 96.2 65.1 120.9

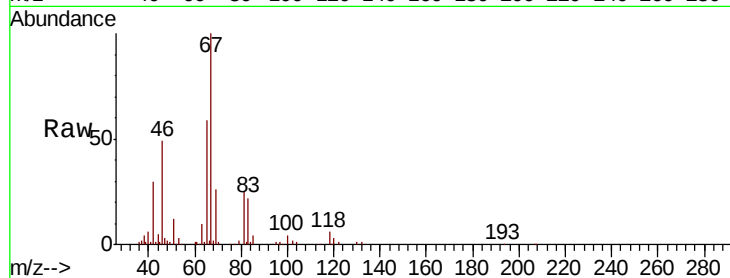




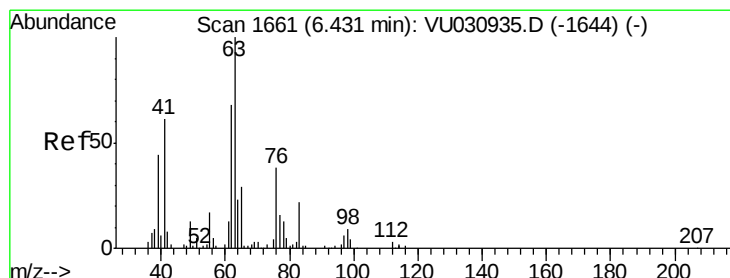
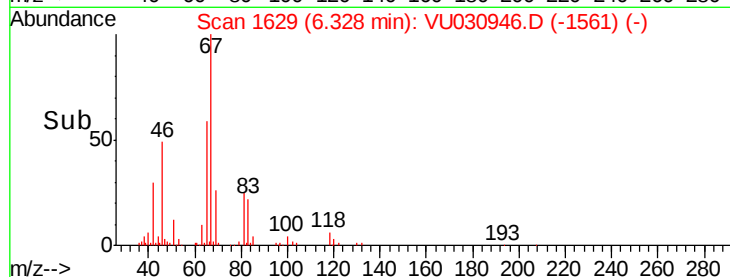
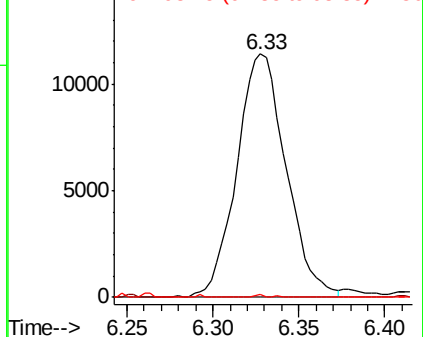
#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030946.D
Acq: 09 Apr 2019 10:05

Instrument :
MSVOA_U
ClientSampleId :
BEZE8

Tot Ion: 83 Resp: 22759
Ion Ratio Lower Upper
83 100
55 0.2 72.6 108.8#
98 0.0 35.0 52.6#

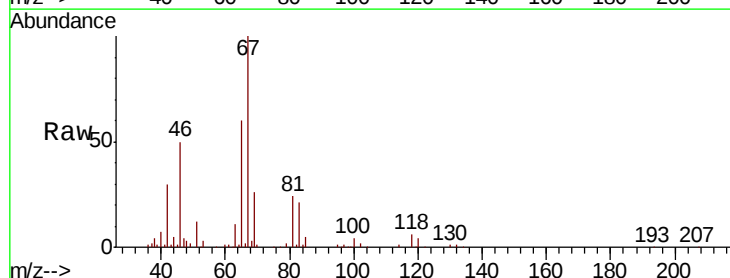


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

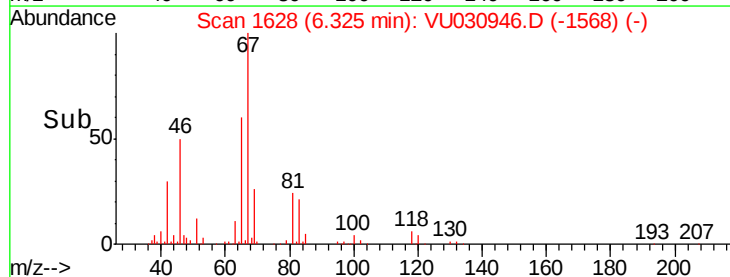
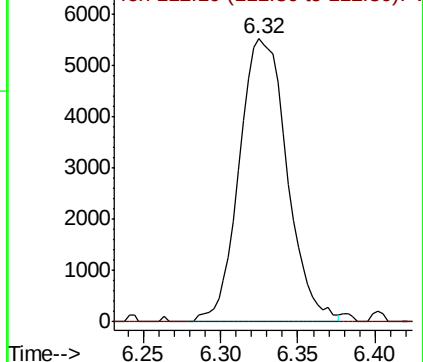


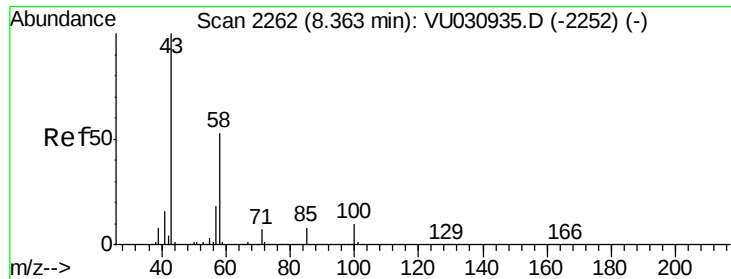
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU030946.D
Acq: 09 Apr 2019 10:05

Tgt Ion: 63 Resp: 11882
Ion Ratio Lower Upper
63 100
112 0.3 2.8 4.2#



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

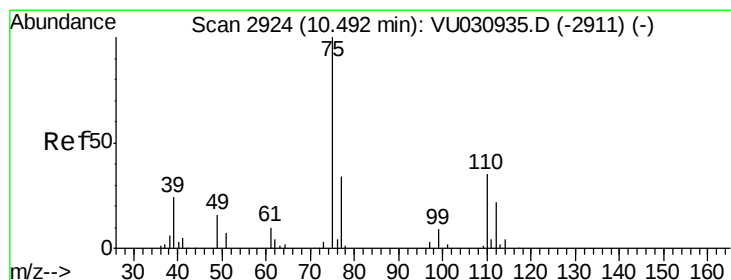
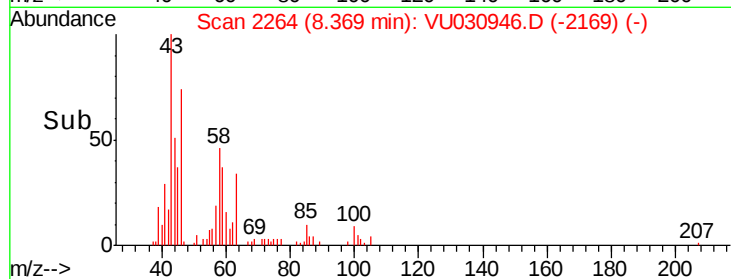
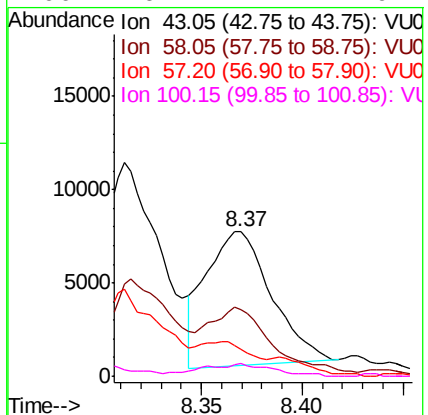
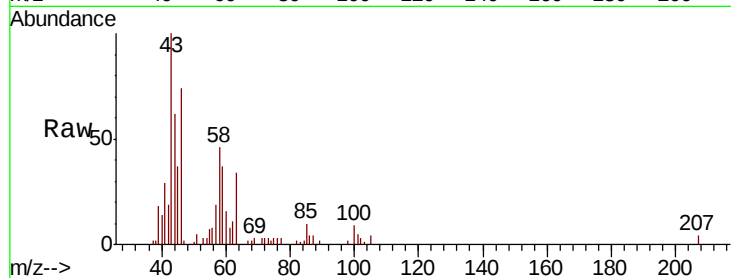




#48
 2-Hexanone
 Concen: 1.733 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030946.D
 Acq: 09 Apr 2019 10:05

Instrument :
 MSVOA_U
 ClientSampleID :
 BEZE8

Tot Ion: 43 Resp: 16347
 Ion Ratio Lower Upper
 43 100
 58 51.3 42.5 63.7
 57 9.5 13.9 20.9#
 100 6.4 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.893 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030946.D
 Acq: 09 Apr 2019 10:05

Tgt Ion: 75 Resp: 10897
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.6 38.4

