

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030943.D
 Acq On : 09 Apr 2019 08:40
 Operator : JC/SP
 Sample : K2286-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZE3

Quant Time: Apr 10 01:19:14 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	204753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	215085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87436	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.68	69	77993	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.60%
11) 1,1-Dichloroethene-d2	2.27	63	136338	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.19	46	270348	67.05	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.10%#
24) Chloroform-d	4.64	84	148949	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.31	65	93066	6.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.20%#
32) Benzene-d6	5.33	84	305143	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.33	67	113144	5.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.00%
41) Toluene-d8	7.56	98	240602	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	32256	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.31	63	170801	55.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84845	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	88252	6.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.80%#

Target Compounds

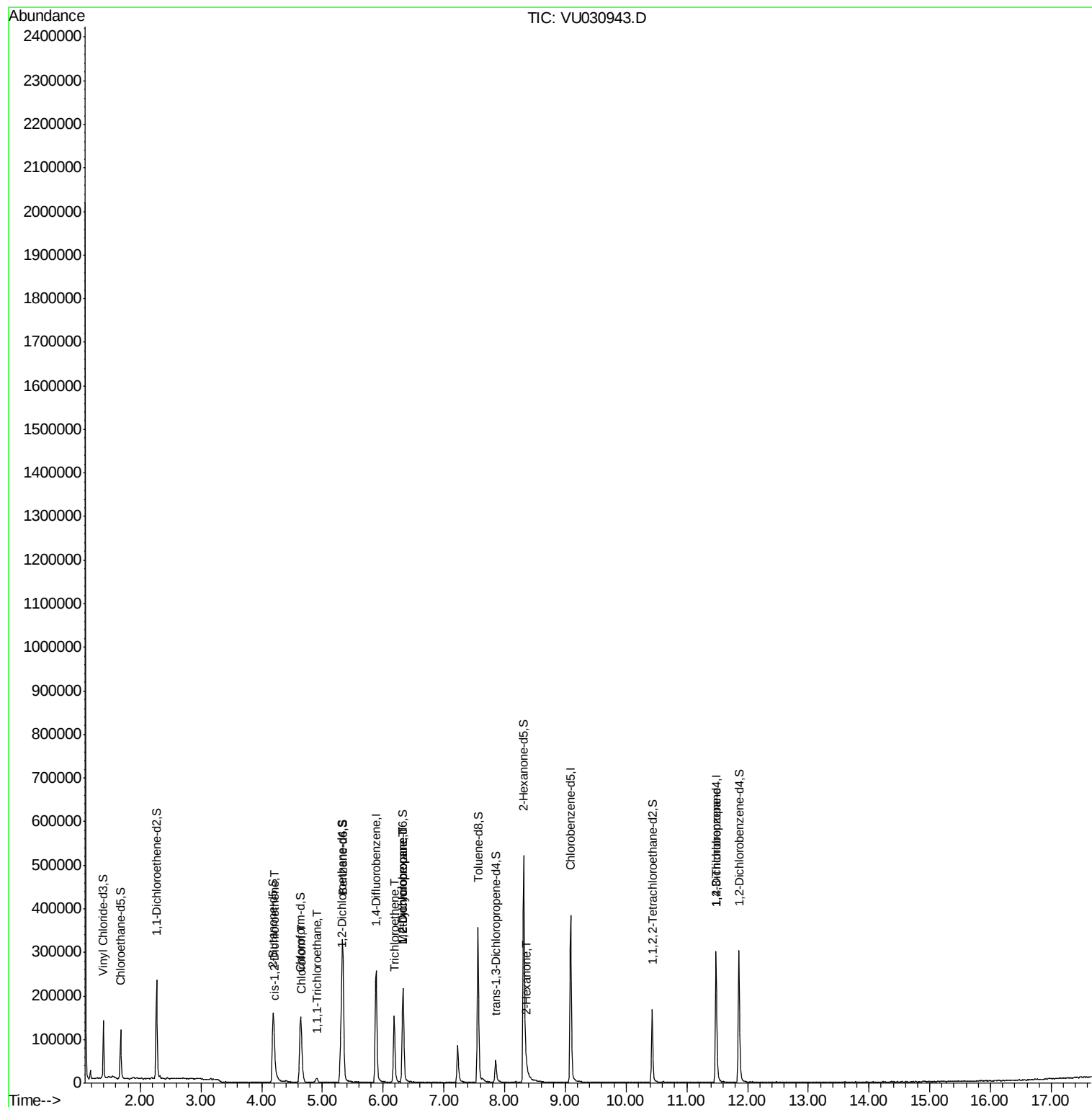
					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	1533	0.091 ug/L	89
25) Chloroform	4.67	83	19153	0.630 ug/L	91
29) 1,1,1-Trichloroethane	4.91	97	6698	0.244 ug/L	94
34) Trichloroethene	6.18	95	56079	3.079 ug/L	98
35) Methylcyclohexane	6.33	83	23919	0.823 ug/L #	14
37) 1,2-Dichloropropane	6.32	63	12145	0.607 ug/L #	91
48) 2-Hexanone	8.37	43	12583	1.454 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	9854	0.881 ug/L	89

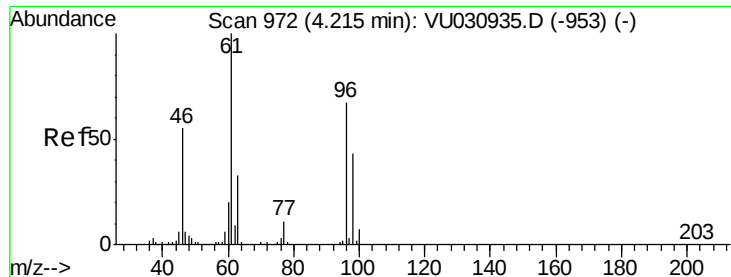
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.091 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU030943.D

Acq: 09 Apr 2019 08:40

Instrument :

MSVOA_U

ClientSampleId :

BEZE3

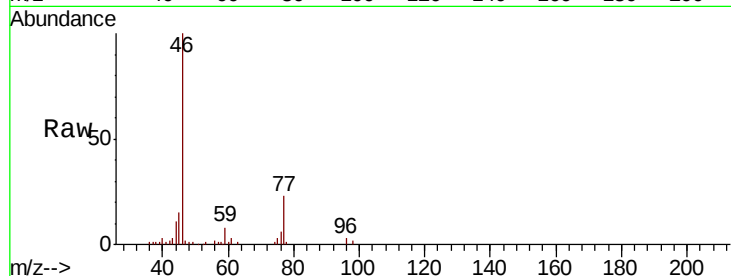
Tot Ion: 96 Resp: 1533

Ion Ratio Lower Upper

96 100

61 128.1 98.9 183.7

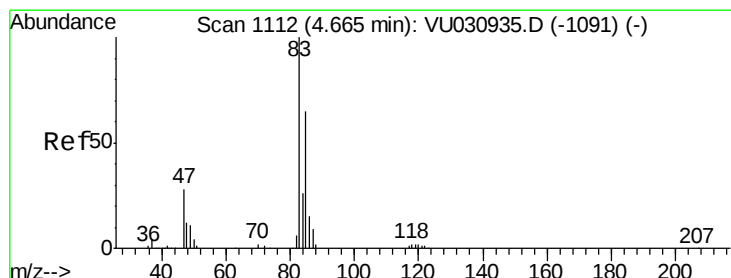
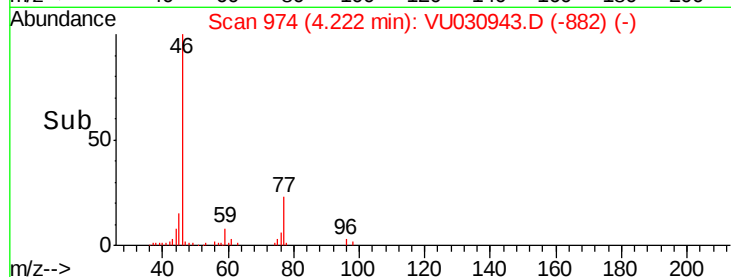
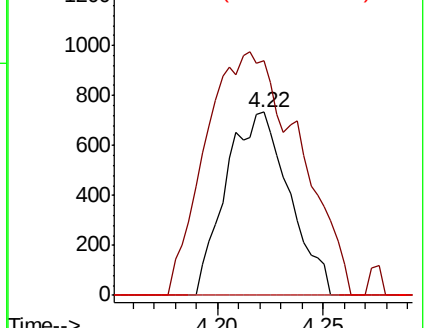
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030943.D (-953) (-)

Ion 61.05 (60.75 to 61.75): VU030943.D (-953) (-)

Ion 68.15 (67.85 to 68.85): VU030943.D (-953) (-)



#25

Chloroform

Concen: 0.630 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030943.D

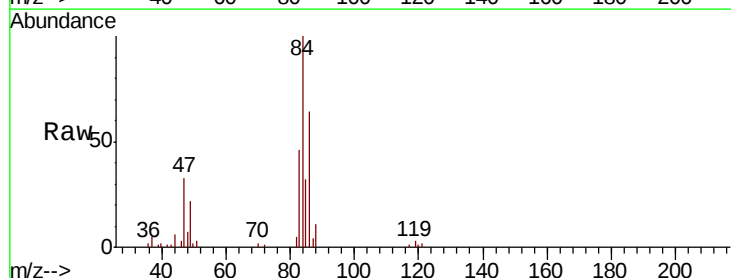
Acq: 09 Apr 2019 08:40

Tgt Ion: 83 Resp: 19153

Ion Ratio Lower Upper

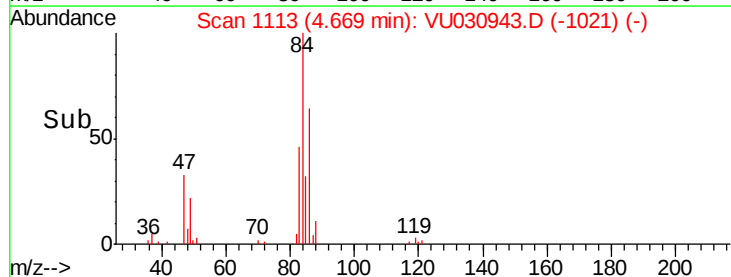
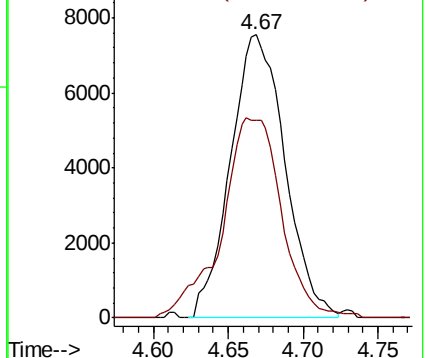
83 100

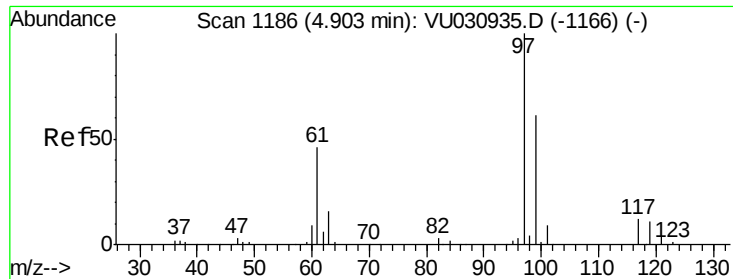
85 70.0 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030943.D (-1091) (-)

Ion 85.00 (84.70 to 85.70): VU030943.D (-1091) (-)

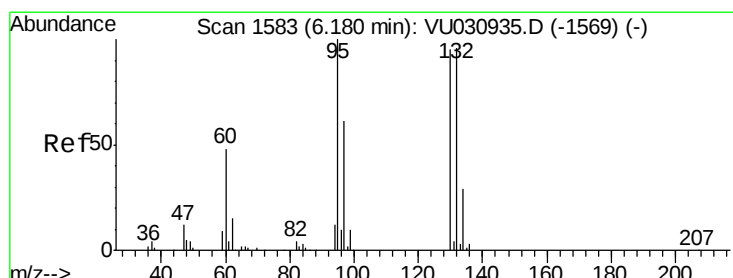
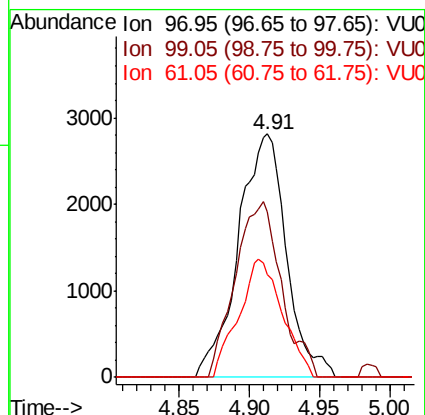
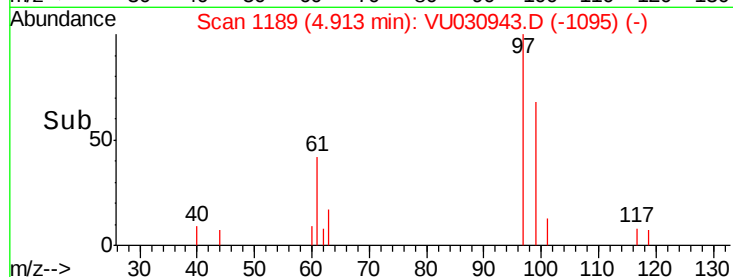
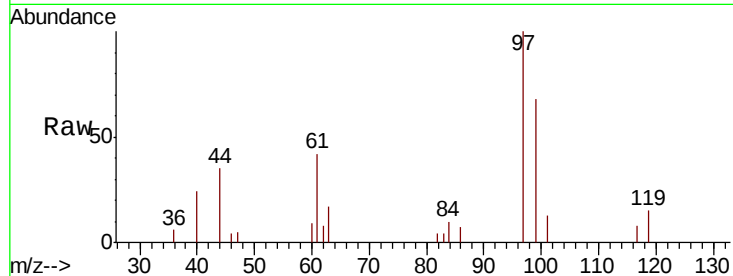




#29
1,1,1-Trichloroethane
Concen: 0.244 ug/L
RT: 4.91 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU030943.D
Acq: 09 Apr 2019 08:40

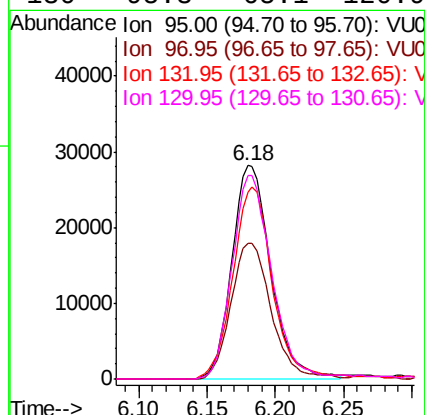
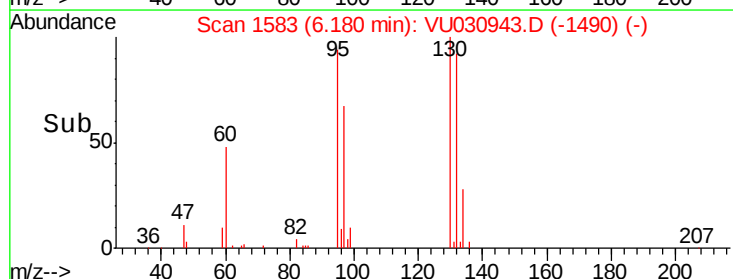
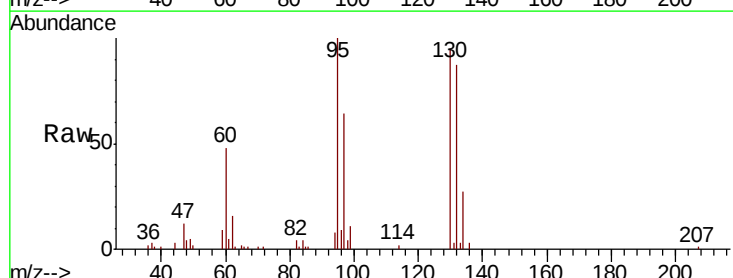
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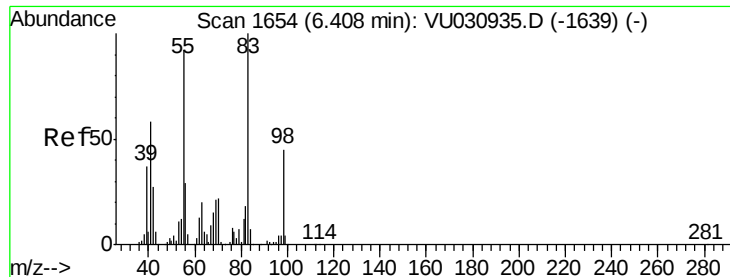
Tot Ion: 97 Resp: 6698
Ion Ratio Lower Upper
97 100
99 69.2 51.8 77.6
61 43.8 38.1 57.1



#34
Trichloroethene
Concen: 3.079 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030943.D
Acq: 09 Apr 2019 08:40

Tgt Ion: 95 Resp: 56079
Ion Ratio Lower Upper
95 100
97 63.7 43.5 80.9
132 87.3 60.7 112.7
130 95.3 65.1 120.9

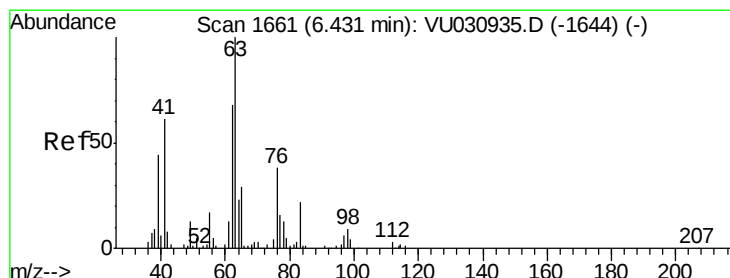
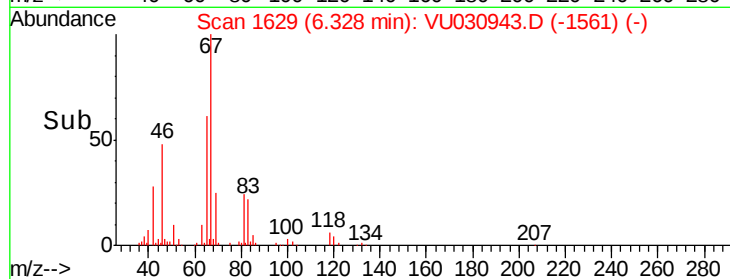
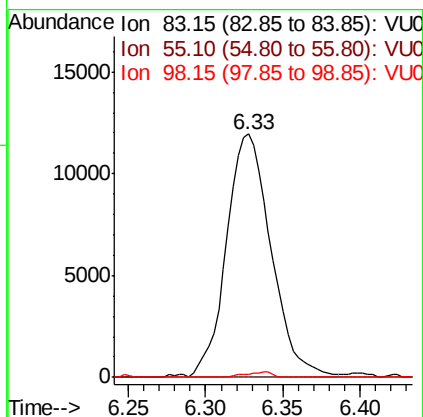
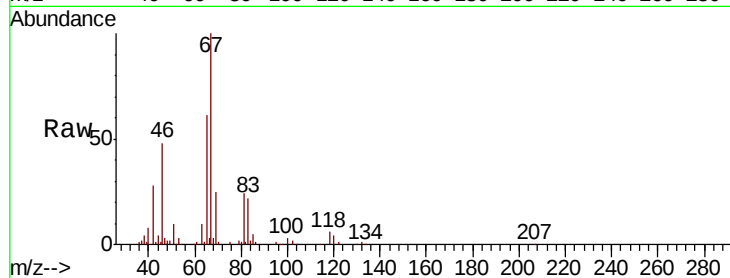




#35
Methvlcvclohexane
Concen: 0.823 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030943.D
Acq: 09 Apr 2019 08:40

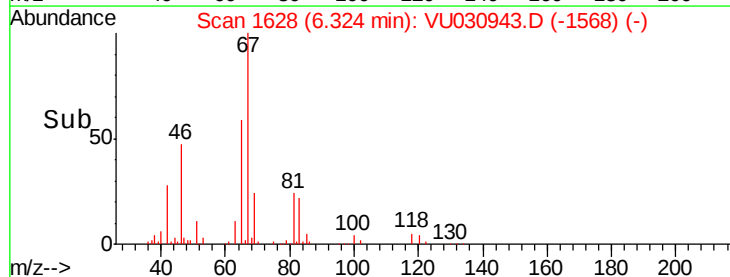
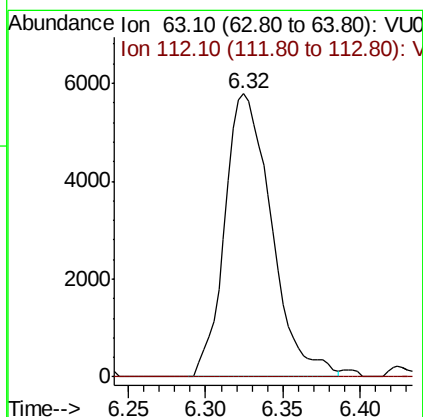
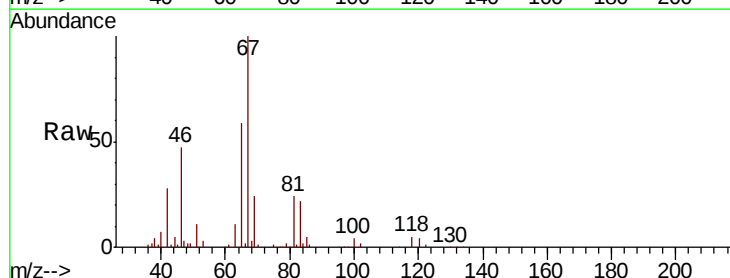
Instrument :
MSVOA_U
ClientSampleId :
BEZE3

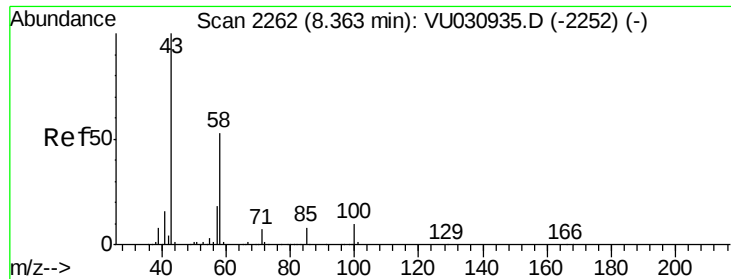
Tot Ion: 83 Resp: 23919
Ion Ratio Lower Upper
83 100
55 0.0 72.6 108.8#
98 1.3 35.0 52.6#



#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU030943.D
Acq: 09 Apr 2019 08:40

Tgt Ion: 63 Resp: 12145
Ion Ratio Lower Upper
63 100
112 0.7 2.8 4.2#

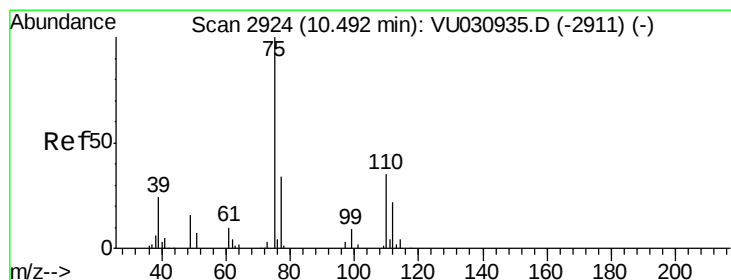
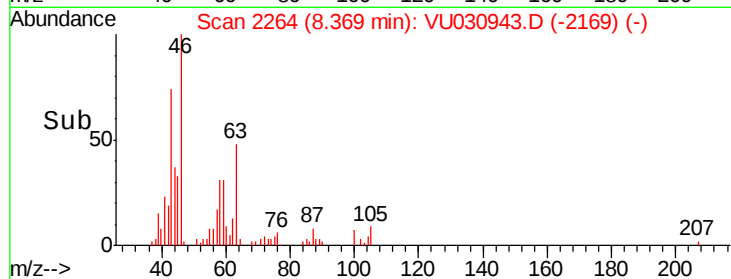
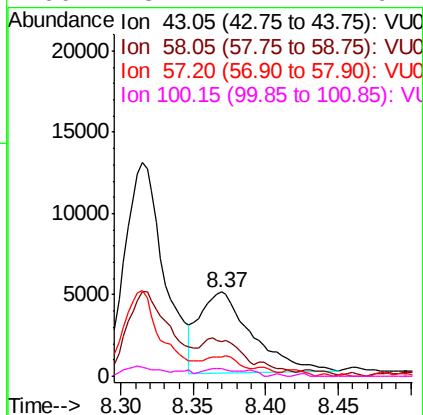
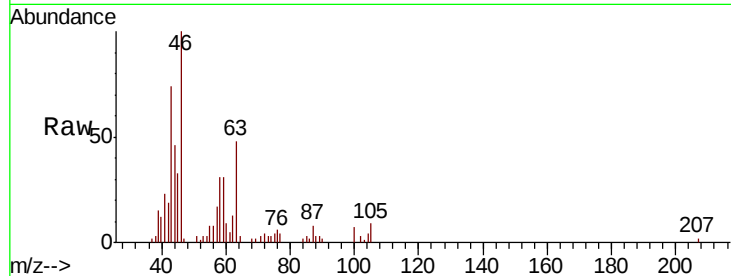




#48
2-Hexanone
Concen: 1.454 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030943.D
Acq: 09 Apr 2019 08:40

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Tot Ion: 43 Resp: 12583
Ion Ratio Lower Upper
43 100
58 21.9 42.5 63.7#
57 17.3 13.9 20.9
100 5.7 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 0.881 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030943.D
Acq: 09 Apr 2019 08:40

Tgt Ion: 75 Resp: 9854
Ion Ratio Lower Upper
75 100
77 38.2 25.6 38.4

