

Data File : VU030770.D
Acq On : 06 Apr 2019 02:35
Operator : JC/SP
Sample : K2269-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR6

Quant Time: Apr 06 05:12:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	461171	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184970	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	205571	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.88%
7) Chloroethane-d5	1.68	69	157240	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.64%
11) 1,1-Dichloroethene-d2	2.27	63	284690	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.46%
21) 2-Butanone-d5	4.17	46	338008	103.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.60%
24) Chloroform-d	4.64	84	313630	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
26) 1,2-Dichloroethane-d4	5.31	65	216257	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.33	84	634687	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
36) 1,2-Dichloropropane-d6	6.32	67	222430	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.68%
41) Toluene-d8	7.56	98	554975	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	84900	41.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.60%
47) 2-Hexanone-d5	8.31	63	189027	91.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295681	48.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	181413	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%

Target Compounds

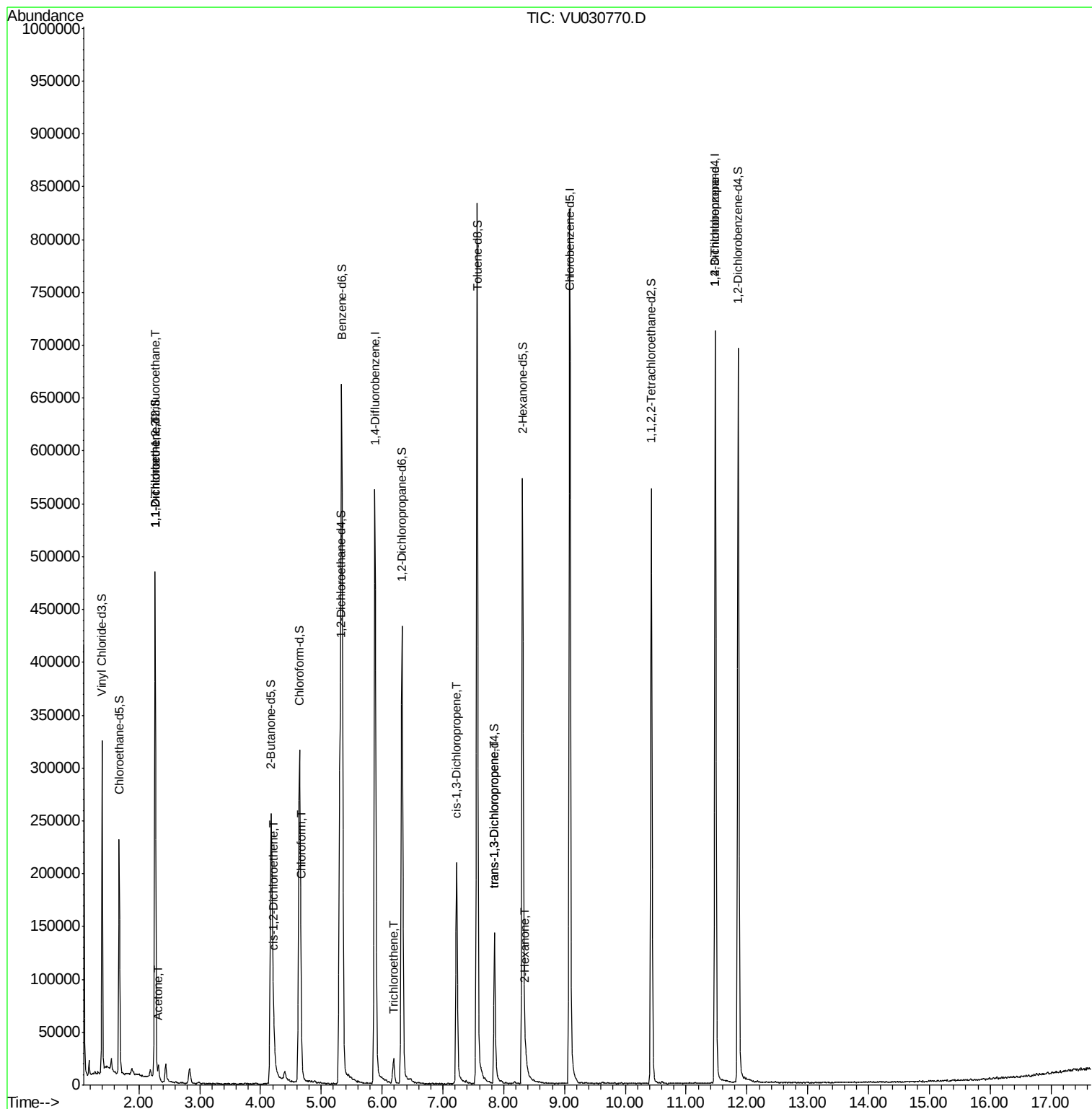
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2168	0.657 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1912	0.600 ug/L #	1
13) Acetone	2.32	43	12924	3.871 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	5944	1.590 ug/L	88
25) Chloroform	4.67	83	11755	1.674 ug/L	95
34) Trichloroethene	6.19	95	7752	2.143 ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	5237	0.881 ug/L	83
44) trans-1,3-Dichloropropene	7.84	75	3144	0.600 ug/L	96
48) 2-Hexanone	8.36	43	5410	1.033 ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	24497	4.899 ug/L	99

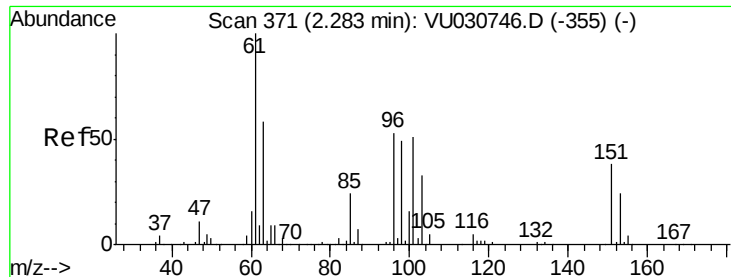
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.657 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030770.D

Acq: 06 Apr 2019 02:35

Instrument :

MSVOA_U

ClientSampleId :

C0BR6

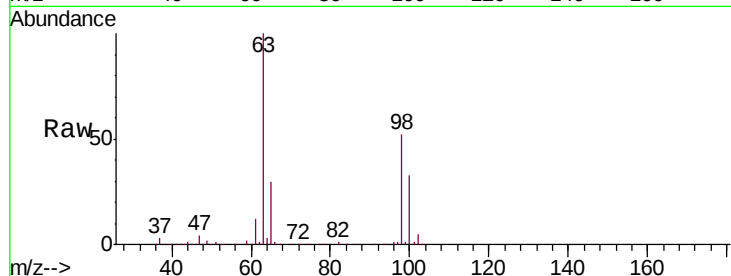
Tgt Ion: 101 Resp: 2168

Ion Ratio Lower Upper

101 100

85 3.6 36.8 55.2#

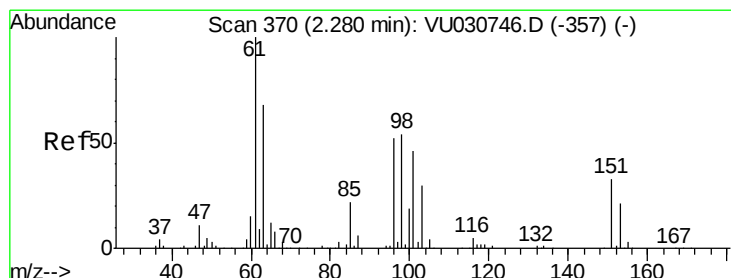
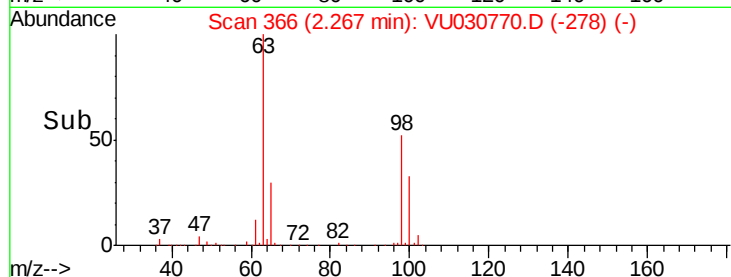
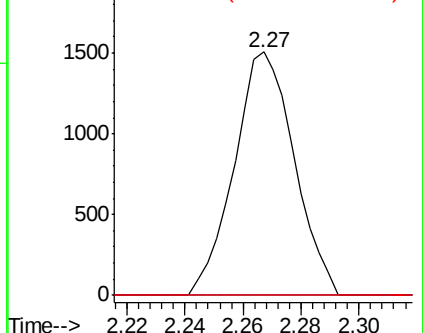
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.600 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030770.D

Acq: 06 Apr 2019 02:35

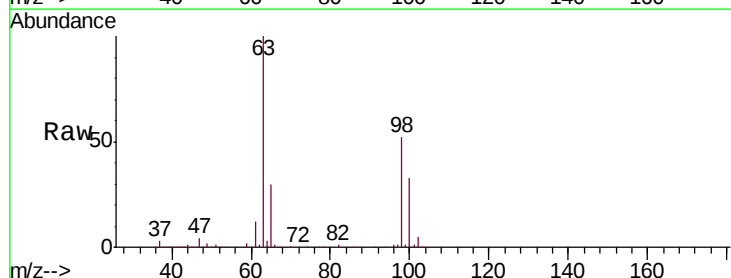
Tgt Ion: 96 Resp: 1912

Ion Ratio Lower Upper

96 100

61 1668.7 132.0 245.2#

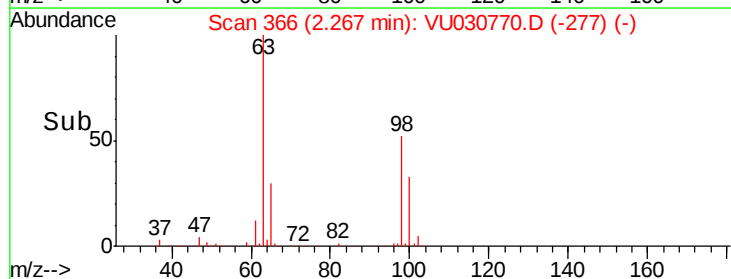
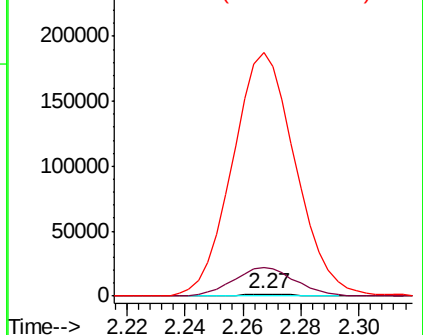
63 13999.7 90.9 168.9#

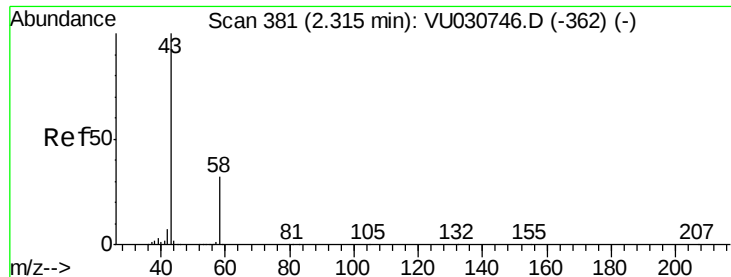


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.871 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030770.D

Acq: 06 Apr 2019 02:35

Instrument :

MSVOA_U

ClientSampleId :

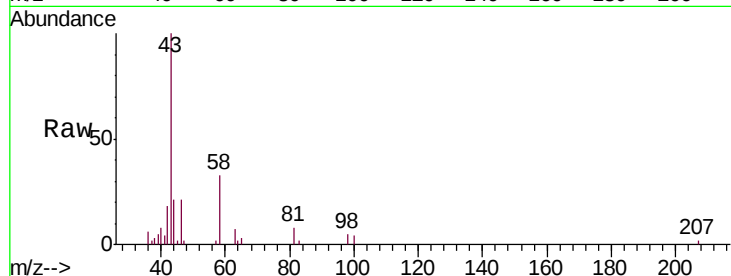
C0BR6

Tgt Ion: 43 Resp: 12924

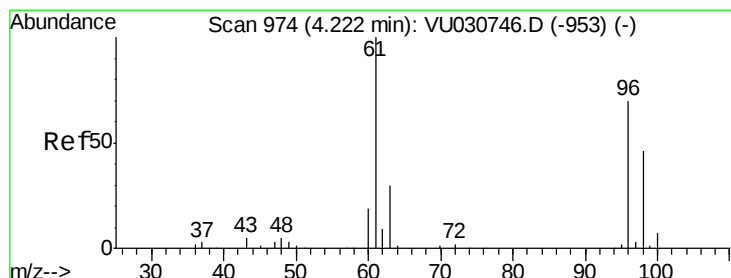
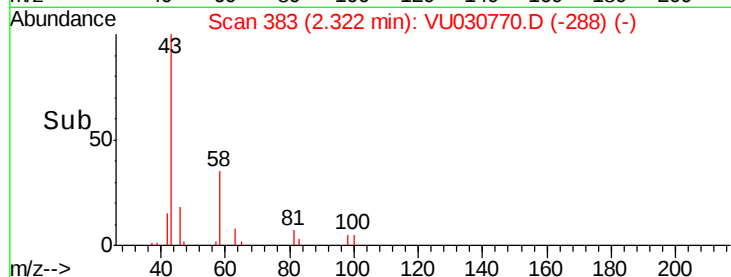
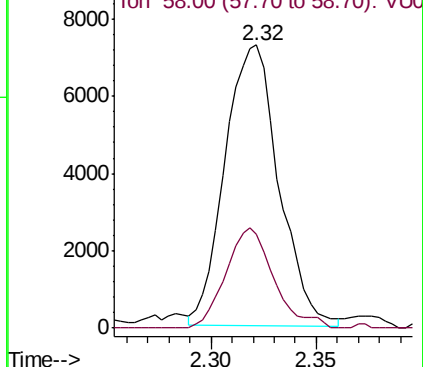
Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030770.D (-383) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.590 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030770.D

Acq: 06 Apr 2019 02:35

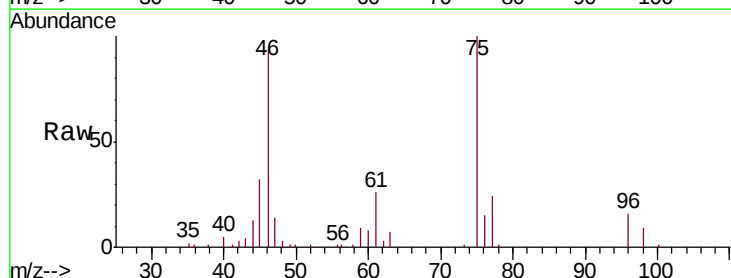
Tgt Ion: 96 Resp: 5944

Ion Ratio Lower Upper

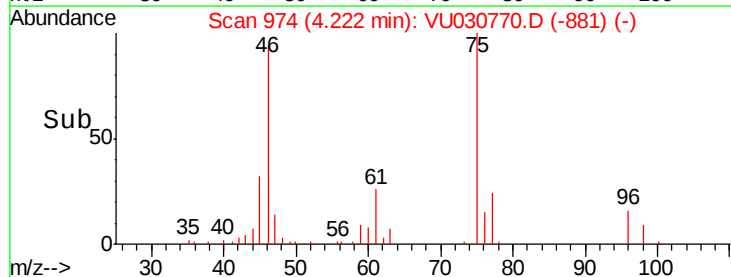
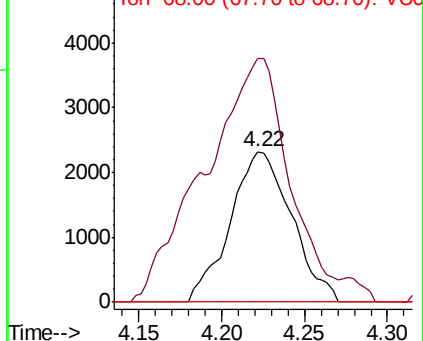
96 100

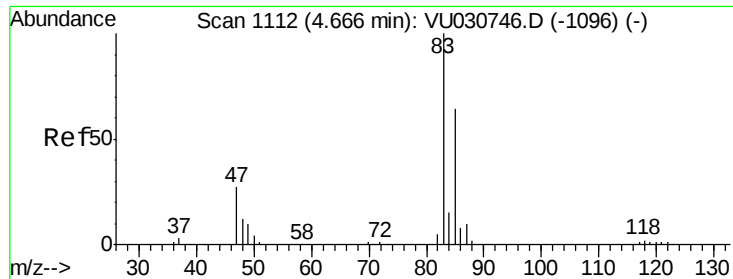
61 162.1 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030770.D (-974) (-)

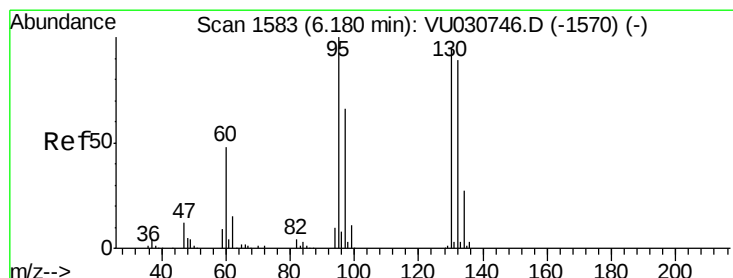
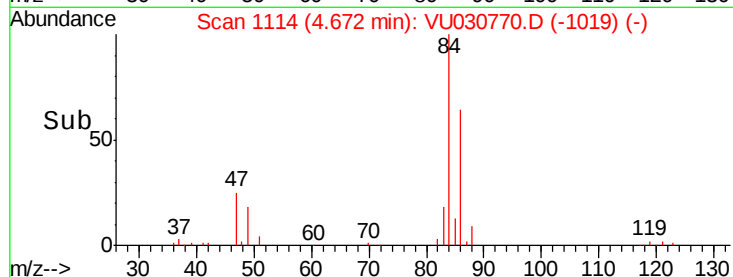
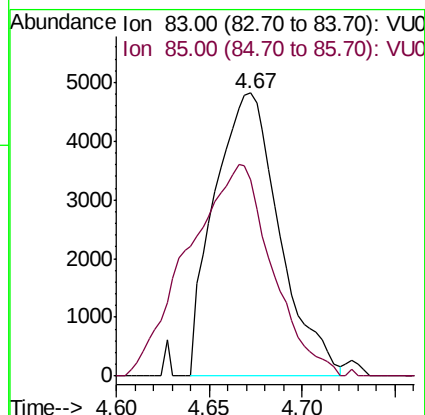
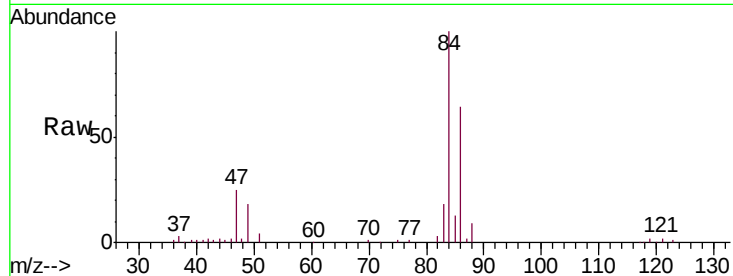




#25
Chloroform
Concen: 1.674 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU030770.D
Acq: 06 Apr 2019 02:35

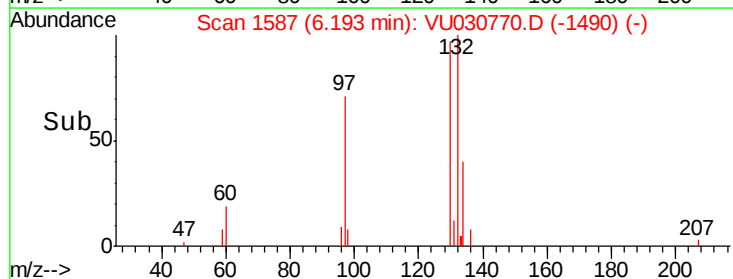
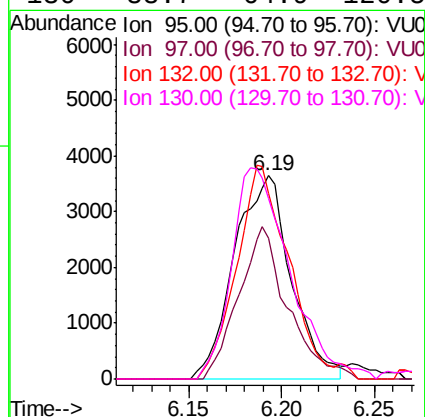
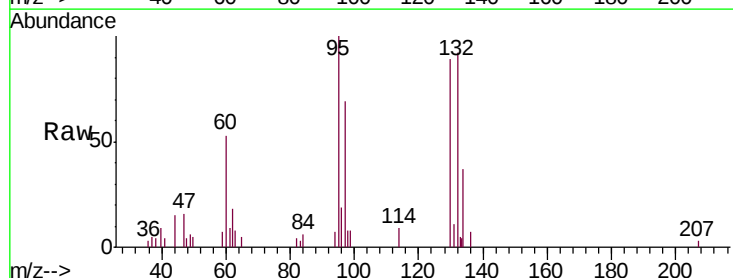
Instrument :
MSVOA_U
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C0BR6

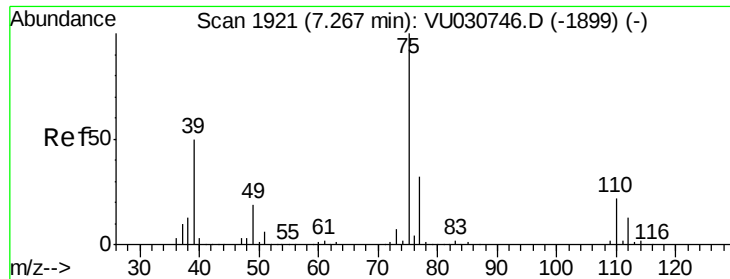
Tgt Ion: 83 Resp: 11755
Ion Ratio Lower Upper
83 100
85 69.4 45.8 85.0



#34
Trichloroethene
Concen: 2.143 ug/L
RT: 6.19 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VU030770.D
Acq: 06 Apr 2019 02:35

Tgt Ion: 95 Resp: 7752
Ion Ratio Lower Upper
95 100
97 69.4 44.5 82.7
132 91.5 61.5 114.1
130 88.7 64.9 120.5



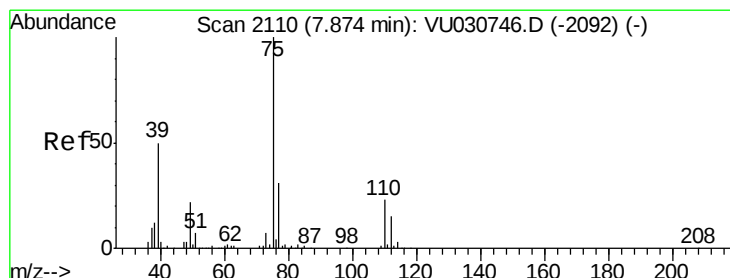
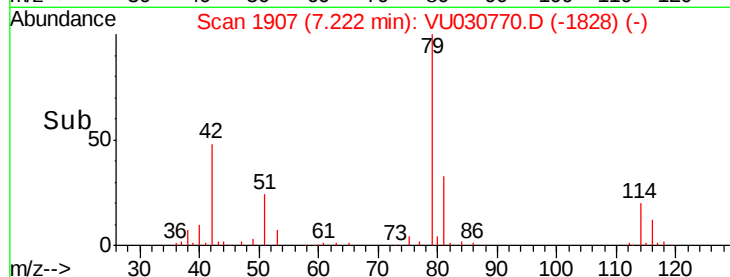
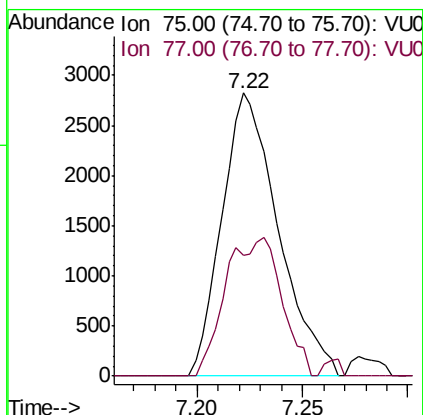
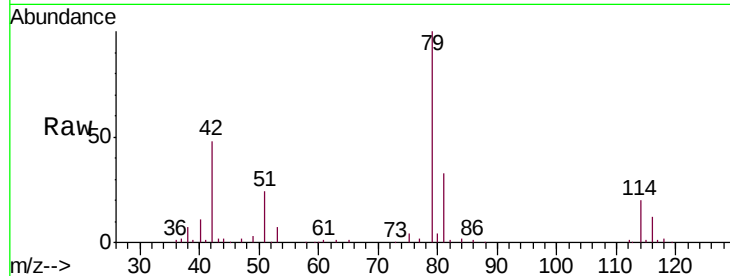


#39

cis-1,3-Dichloropropene
 Concen: 0.881 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030770.D
 Acq: 06 Apr 2019 02:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR6

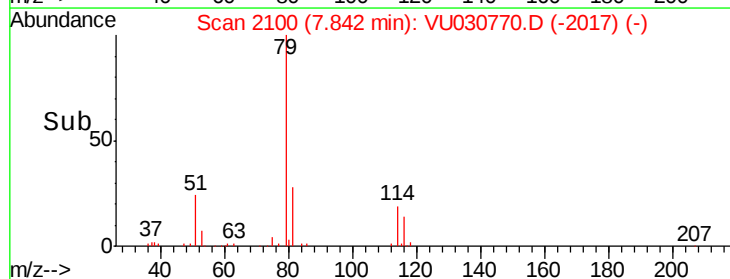
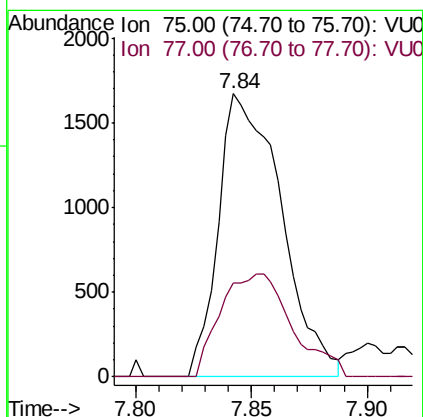
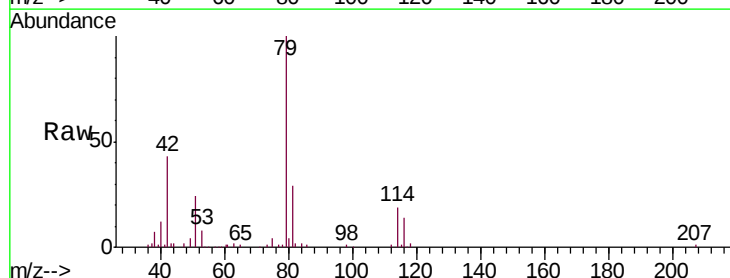
Tgt Ion: 75 Resp: 5237
 Ion Ratio Lower Upper
 75 100
 77 42.9 23.1 42.9

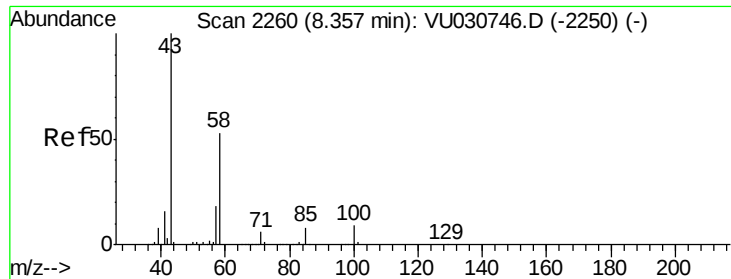


#44

trans-1,3-Dichloropropene
 Concen: 0.600 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU030770.D
 Acq: 06 Apr 2019 02:35

Tgt Ion: 75 Resp: 3144
 Ion Ratio Lower Upper
 75 100
 77 33.2 21.6 40.0

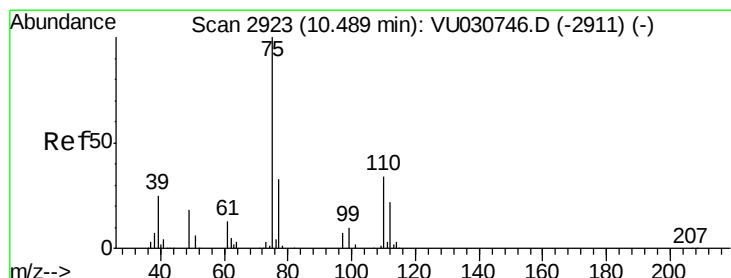
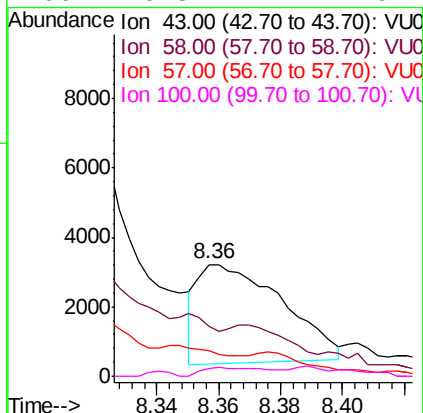
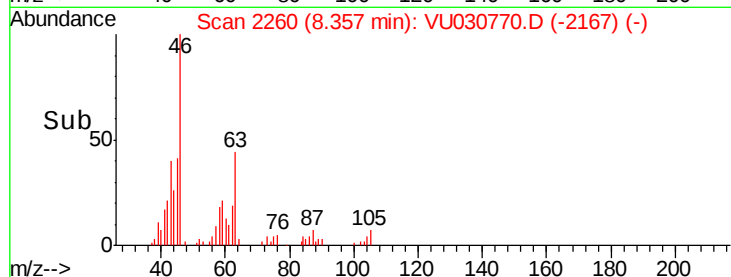
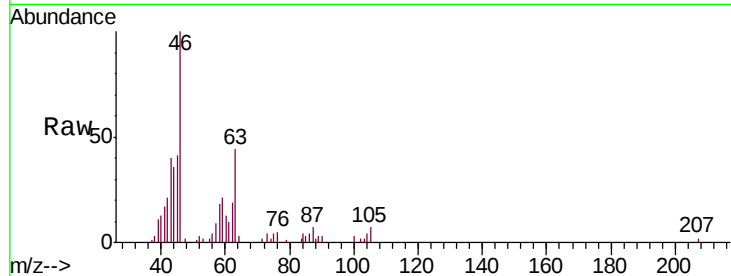




#48
2-Hexanone
Concen: 1.033 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU030770.D
Acq: 06 Apr 2019 02:35

Instrument :
MSVOA_U
ClientSampleId :
C0BR6

Tgt Ion: 43 Resp: 5410
Ion Ratio Lower Upper
43 100
58 0.0 41.9 62.9#
57 0.0 14.3 21.5#
100 6.8 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.899 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030770.D
Acq: 06 Apr 2019 02:35

Tgt Ion: 75 Resp: 24497
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1

