

Data File : VU030143.D
Acq On : 16 Mar 2019 14:27
Operator : JC/SP
Sample : K1949-16 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B7

Quant Time: Mar 18 04:28:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465708	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217438	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151007	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.04%
7) Chloroethane-d5	1.68	69	130405	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.88%
11) 1,1-Dichloroethene-d2	2.27	63	210632	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	4.17	46	290044	125.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.67%
24) Chloroform-d	4.65	84	298497	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.04%
26) 1,2-Dichloroethane-d4	5.31	65	177298	55.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.08%
32) Benzene-d6	5.34	84	622887	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
36) 1,2-Dichloropropane-d6	6.33	67	201519	55.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.36%
41) Toluene-d8	7.56	98	556275	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%
43) trans-1,3-Dichloropropene-	7.85	79	90094	51.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.78%
47) 2-Hexanone-d5	8.31	63	231966	114.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315185	56.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	233561	55.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.90%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2225	0.727 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2043	0.700 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	9140	2.526 ug/L	93
34) Trichloroethene	6.19	95	2860	0.830 ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	3301	0.672 ug/L #	80
46) Tetrachloroethene	8.22	164	10445	3.464 ug/L	91
48) 2-Hexanone	8.31	43	22269	5.591 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	21550	4.785 ug/L	92

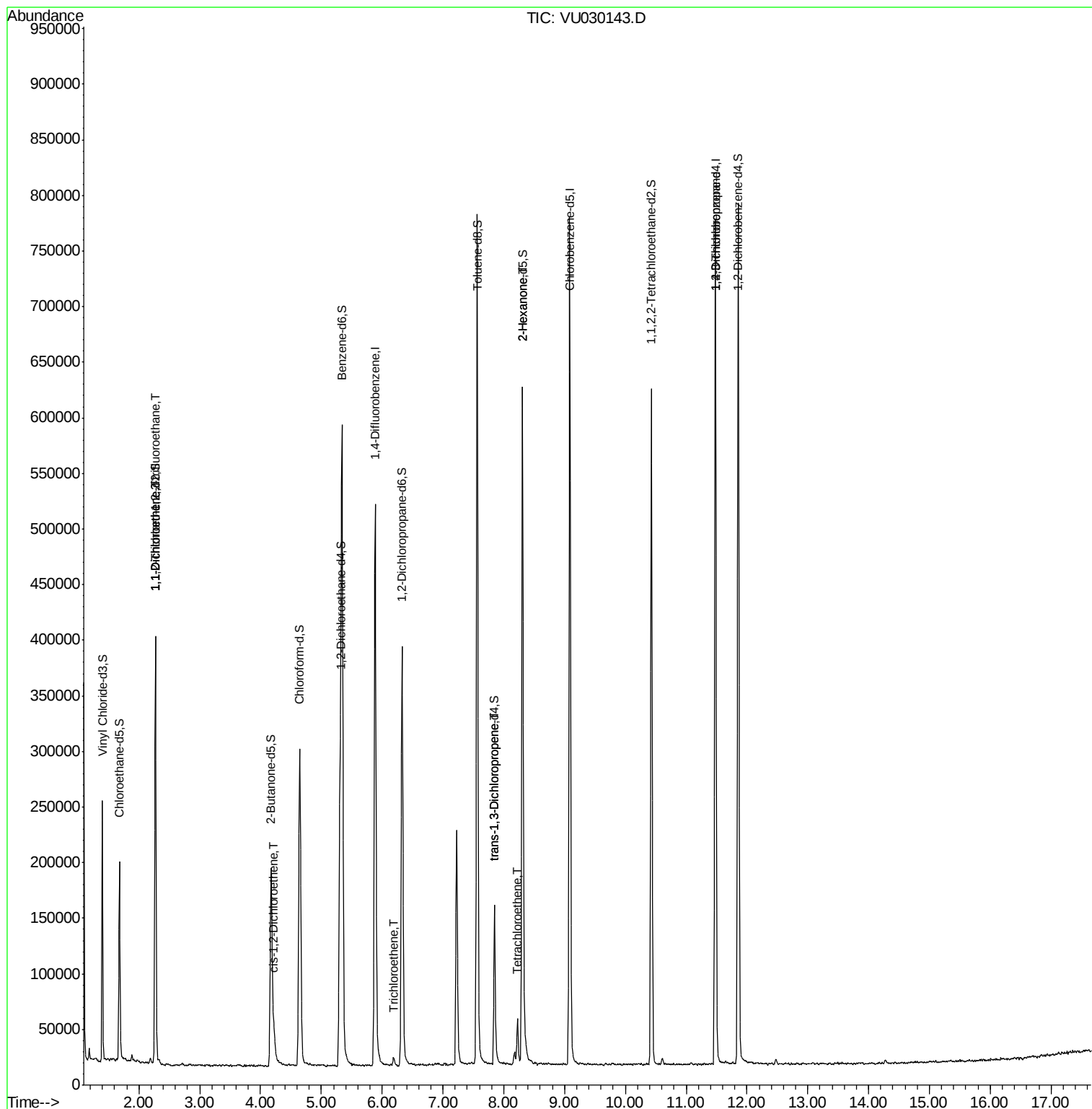
(#) = qualifier out of range (m) = manual integration (+) = signals summed

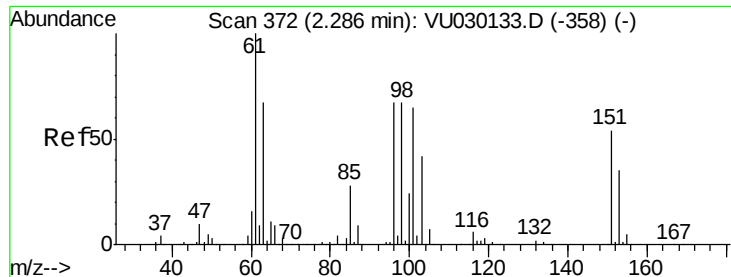
Data File : VU030143.D

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Acq On       : 16 Mar 2019   14:27
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Response via : Initial Calibration





#10

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

Concen: 0.727 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030143.D

Acq: 16 Mar 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

BF1B7

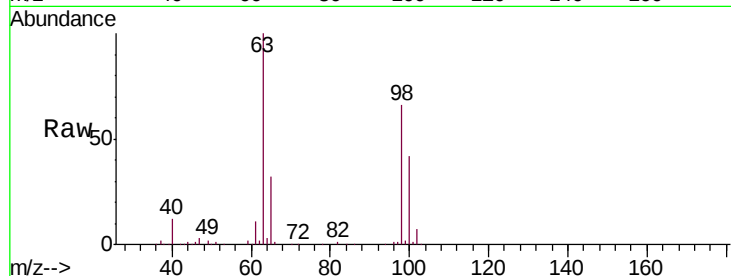
Tgt Ion:101 Resp: 2225

Ion Ratio Lower Upper

101 100

85 1.9 33.0 49.4#

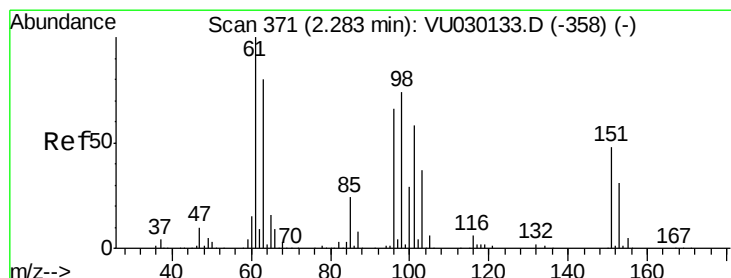
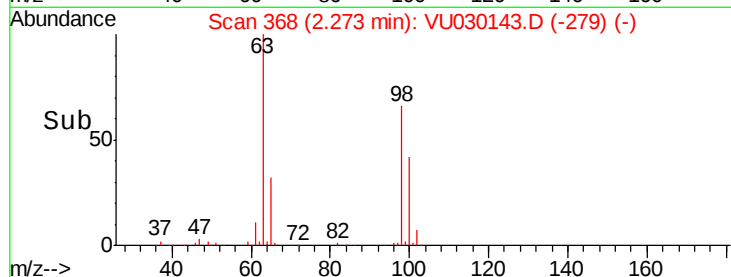
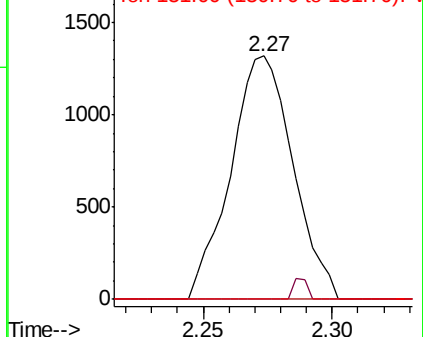
151 0.0 66.1 99.1#



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: 0.700 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030143.D

Acq: 16 Mar 2019 14:27

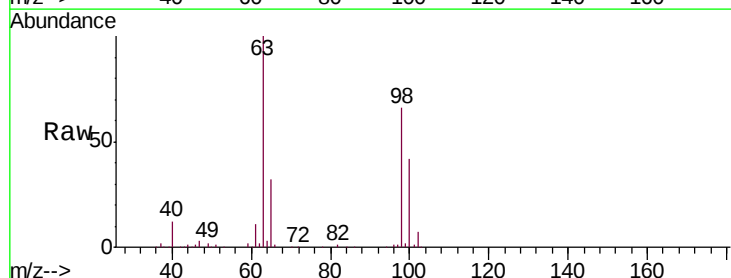
Tgt Ion: 96 Resp: 2043

Ion Ratio Lower Upper

96 100

61 1141.4 110.4 205.0#

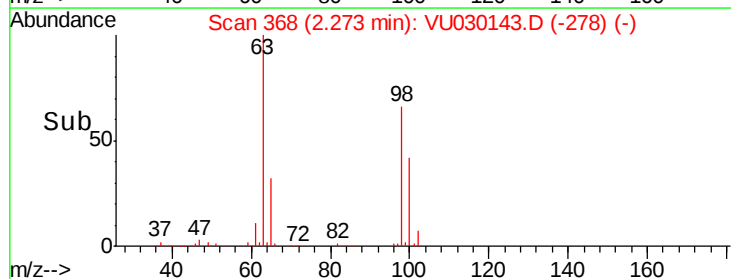
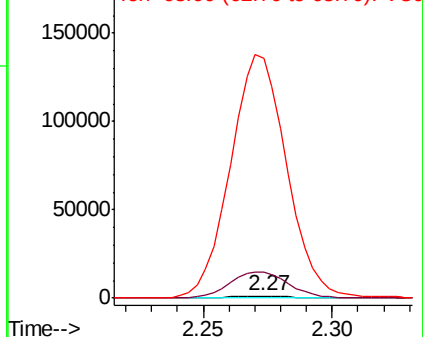
63 10593.3 86.5 160.7#

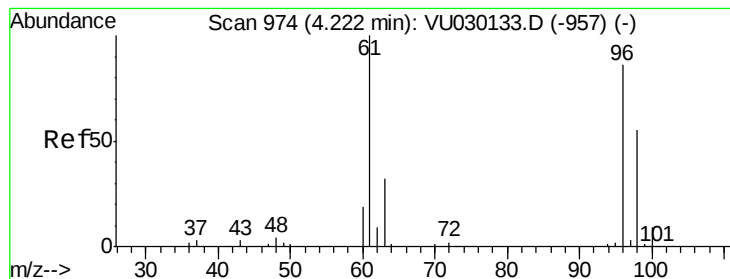


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



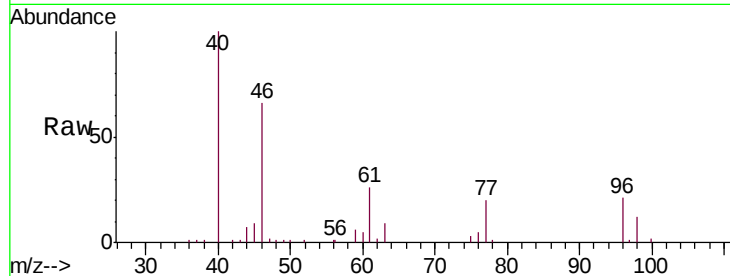


#20

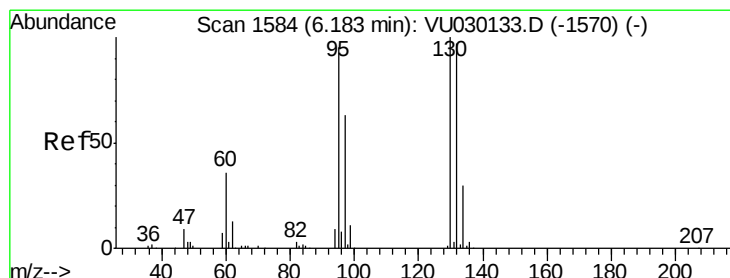
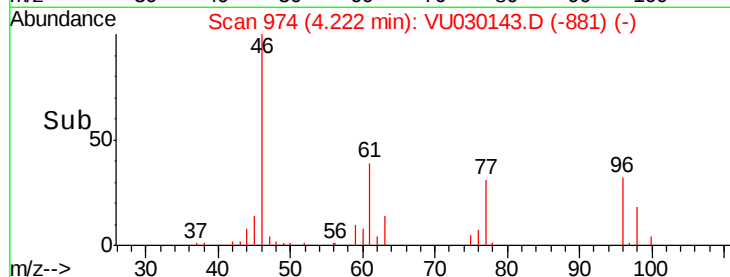
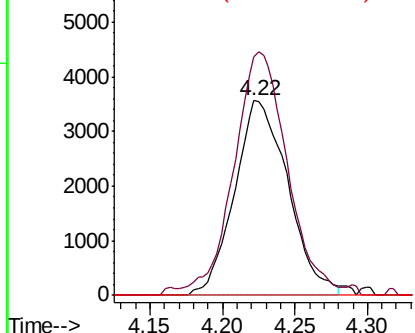
cis-1,2-Dichloroethene
 Concen: 2.526 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030143.D
 Acq: 16 Mar 2019 14:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B7

Tgt Ion: 96 Resp: 9140
 Ion Ratio Lower Upper
 96 100
 61 122.7 80.8 150.2
 68 0.0 0.0 0.0



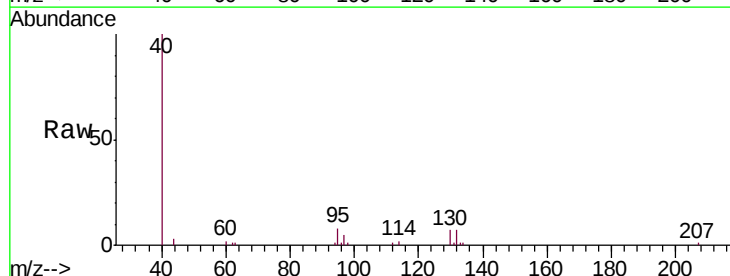
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



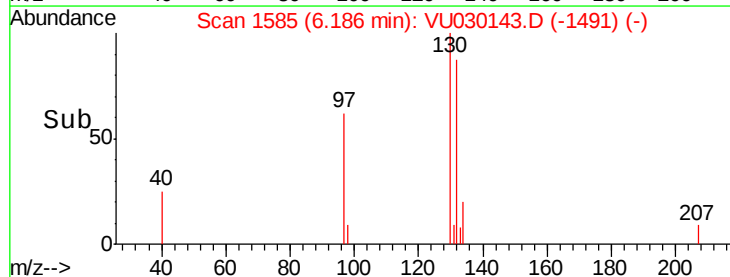
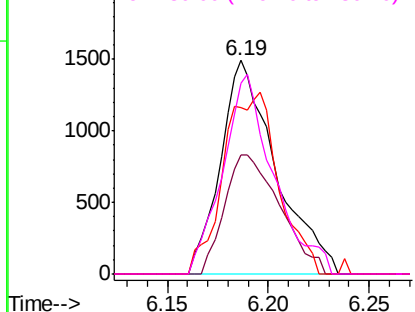
#34

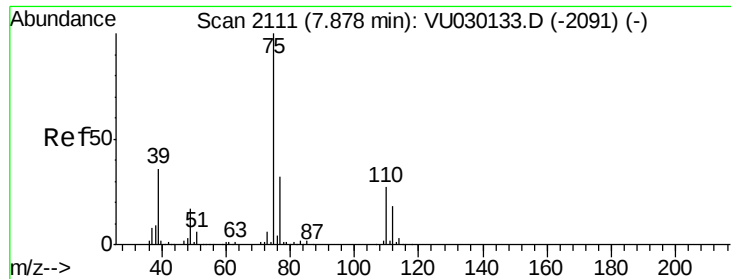
Trichloroethene
 Concen: 0.830 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030143.D
 Acq: 16 Mar 2019 14:27

Tgt Ion: 95 Resp: 2860
 Ion Ratio Lower Upper
 95 100
 97 55.6 45.5 84.5
 132 78.0 71.5 132.7
 130 89.3 73.5 136.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.672 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030143.D

Acq: 16 Mar 2019 14:27

Instrument :

MSVOA_U

ClientSampleId :

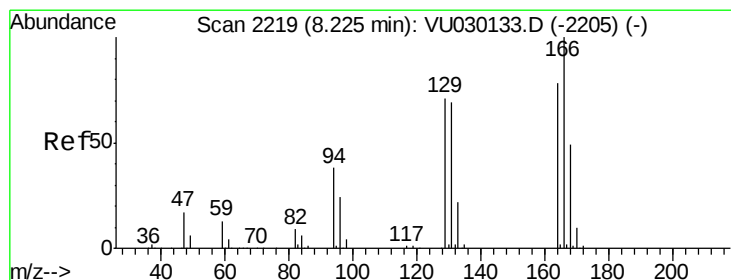
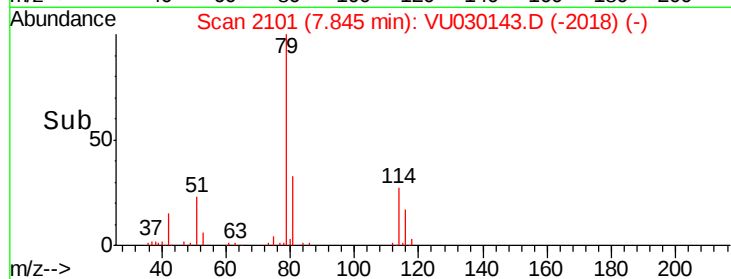
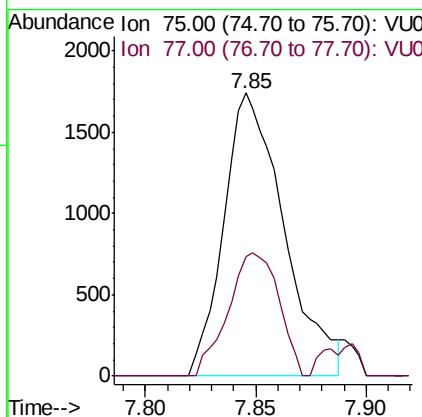
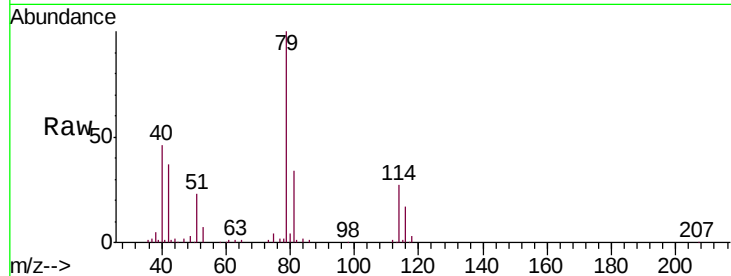
BF1B7

Tgt Ion: 75 Resp: 3301

Ion Ratio Lower Upper

75 100

77 42.4 21.9 40.7#



#46

Tetrachloroethene

Concen: 3.464 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030143.D

Acq: 16 Mar 2019 14:27

Tgt Ion: 164 Resp: 10445

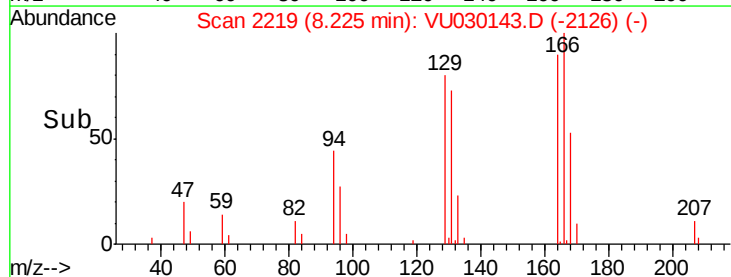
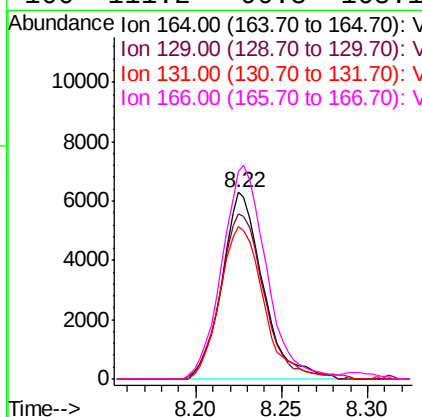
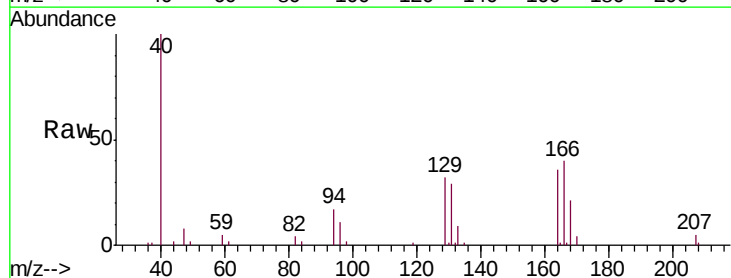
Ion Ratio Lower Upper

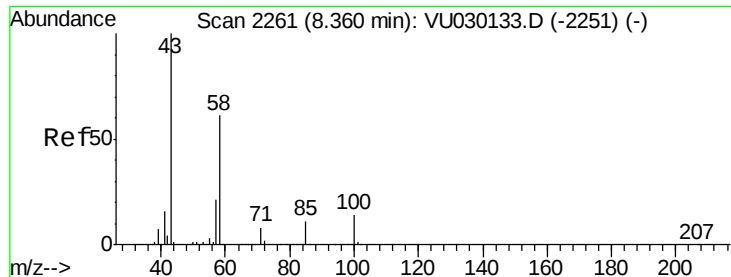
164 100

129 88.9 63.3 117.7

131 81.6 62.0 115.2

166 111.2 90.5 168.1

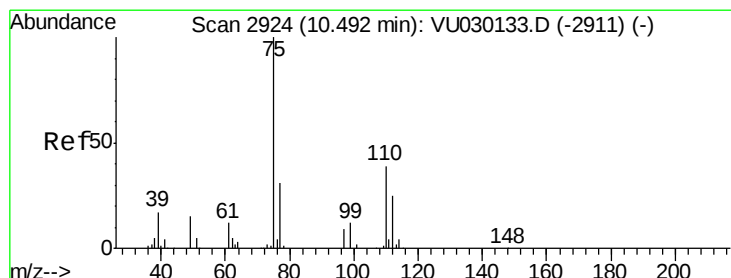
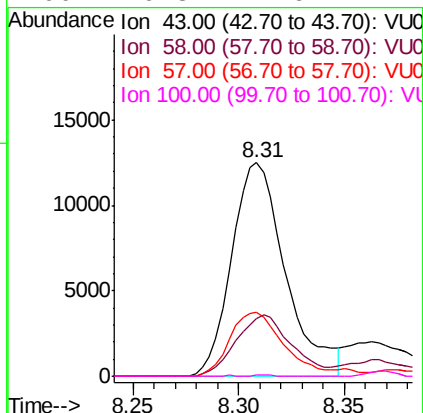
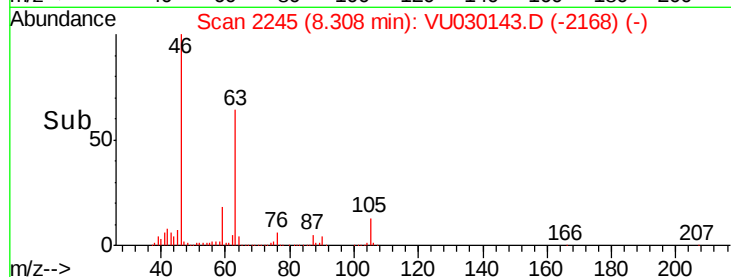
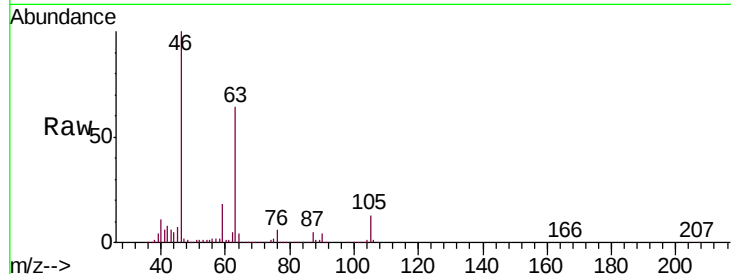




#48
 2-Hexanone
 Concen: 5.591 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030143.D
 Acq: 16 Mar 2019 14:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B7

Tgt Ion: 43 Resp: 22269
 Ion Ratio Lower Upper
 43 100
 58 29.7 48.6 72.8#
 57 29.8 16.1 24.1#
 100 0.3 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.785 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030143.D
 Acq: 16 Mar 2019 14:27

Tgt Ion: 75 Resp: 21550
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.8 38.8

