

Data File : VU030751.D
Acq On : 05 Apr 2019 19:19
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Quant Time: Apr 06 02:20:48 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	874037	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	852811	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	408474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	294930	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.60%
7) Chloroethane-d5	1.64	69	228501	38.59	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.18%
11) 1,1-Dichloroethene-d2	2.24	63	453845	32.16	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	4.18	46	671187	108.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.64	84	535704	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
26) 1,2-Dichloroethane-d4	5.30	65	390793	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.33	84	1119500	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.32	67	402377	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.56	98	951846	43.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.26%
43) trans-1,3-Dichloropropene-	7.85	79	180842	46.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.96%
47) 2-Hexanone-d5	8.32	63	459125	117.74	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	613596	53.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	382688	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

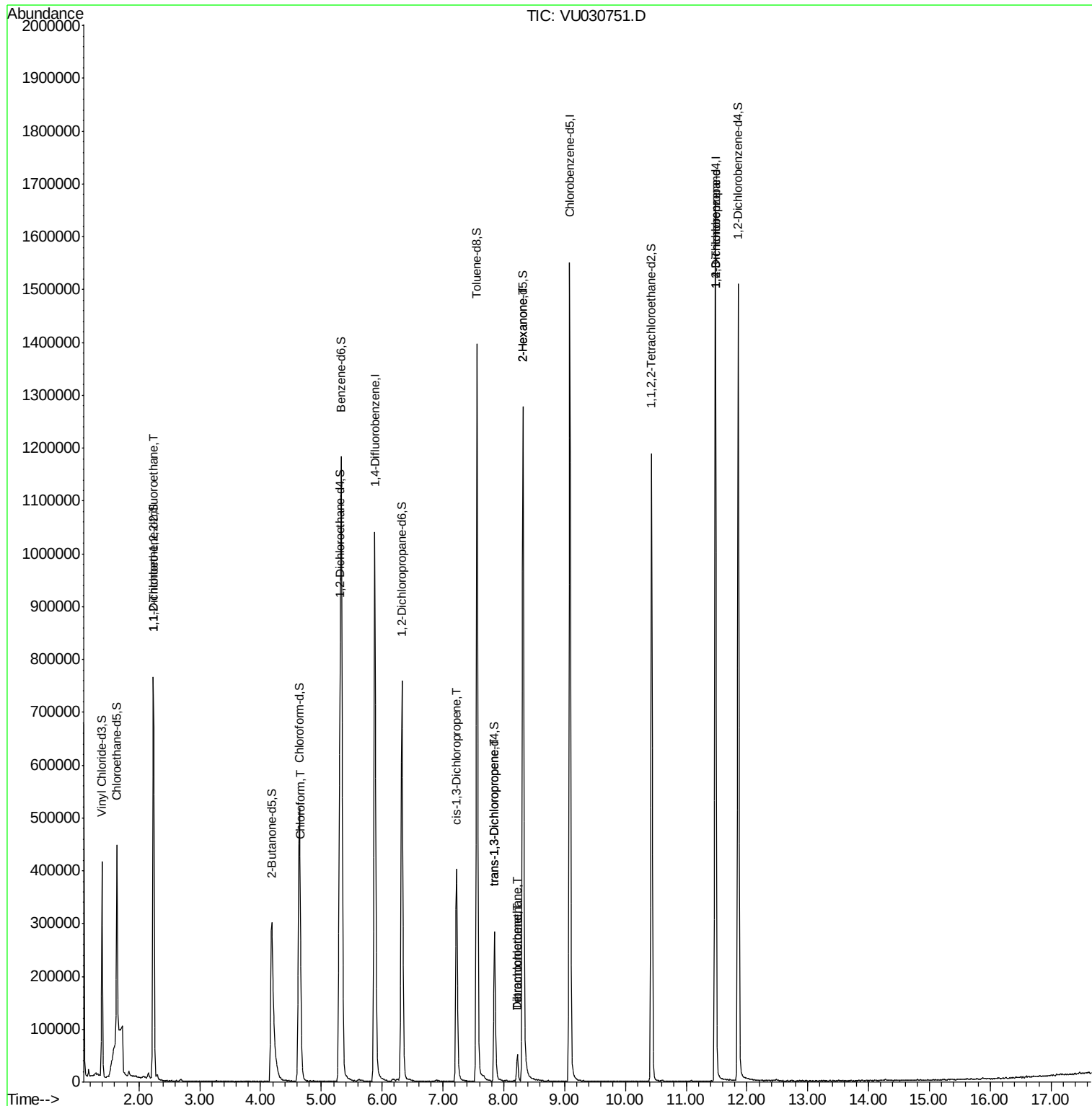
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	4010	0.641 ug/L #	20
25) Chloroform	4.66	83	29248	2.198 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	9776	0.869 ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	6905	0.697 ug/L #	69
46) Tetrachloroethene	8.22	164	11755	2.362 ug/L	93
48) 2-Hexanone	8.32	43	57109	5.760 ug/L #	70
49) Dibromochloromethane	8.22	129	12054	1.695 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	54702	5.780 ug/L	95

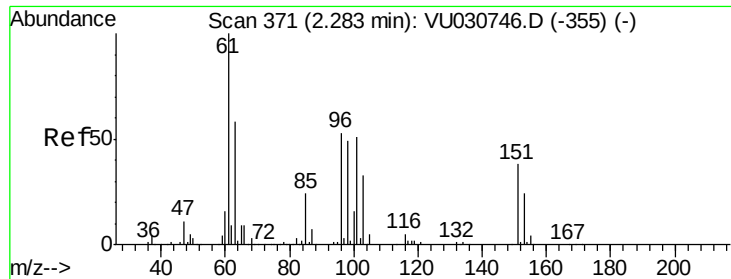
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.641 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030751.D

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Instrument :

MSVOA_U

ClientSampleId :

BF144ME

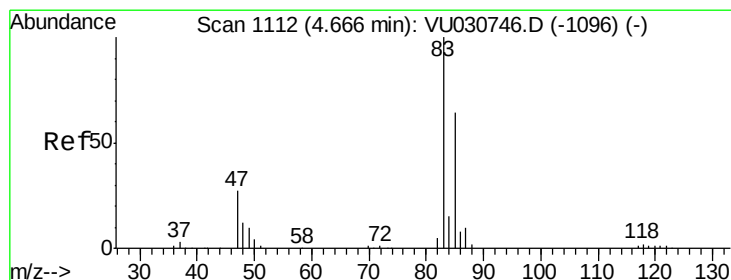
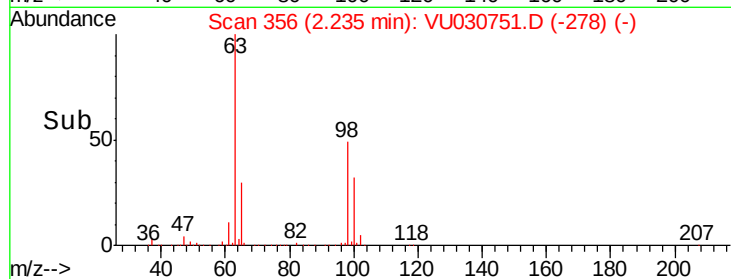
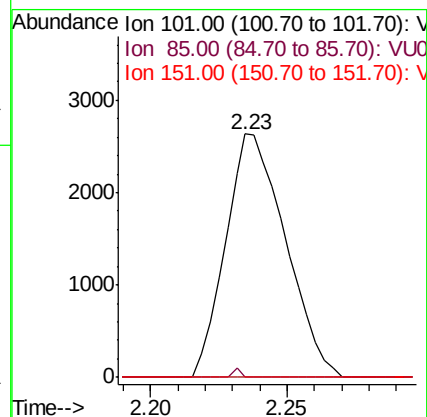
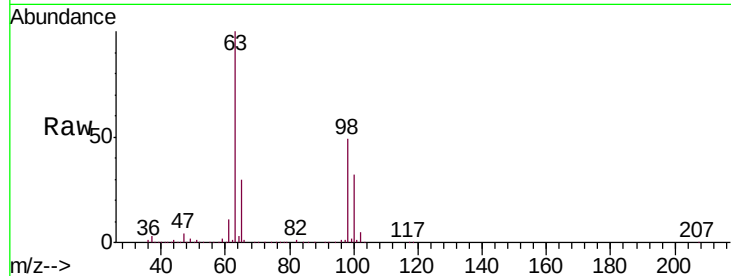
Tgt Ion:101 Resp: 4010

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#25

Chloroform

Concen: 2.198 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU030751.D

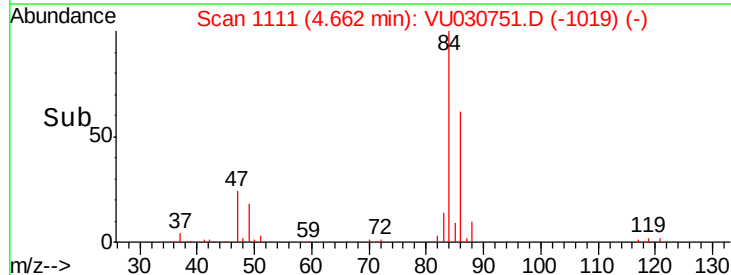
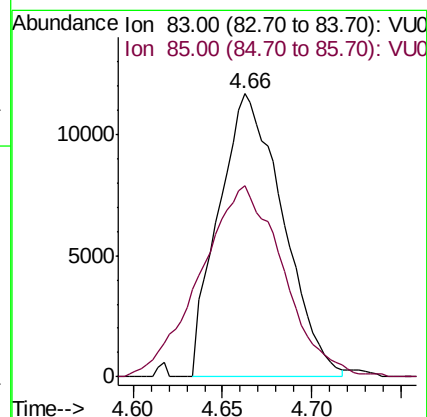
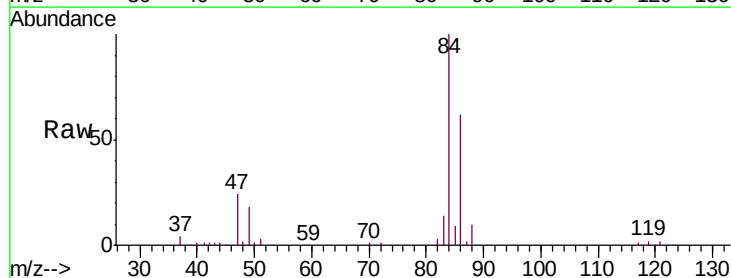
Acq: 05 Apr 2019 19:19

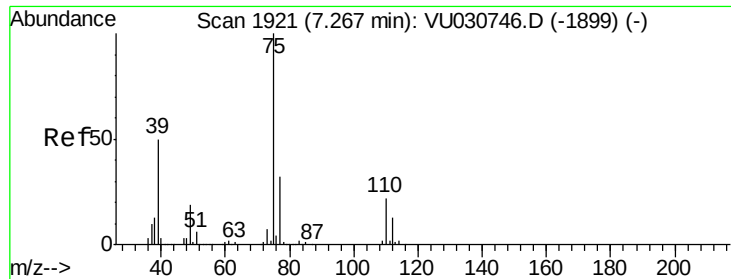
Tgt Ion: 83 Resp: 29248

Ion Ratio Lower Upper

83 100

85 67.3 45.8 85.0

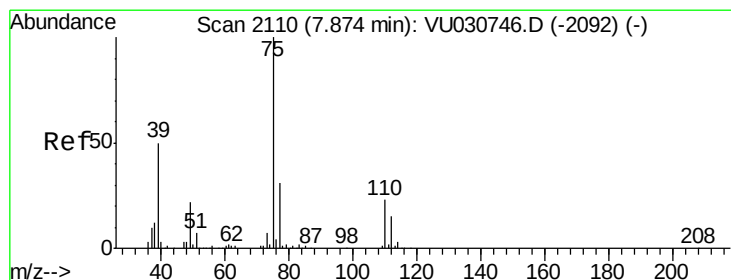
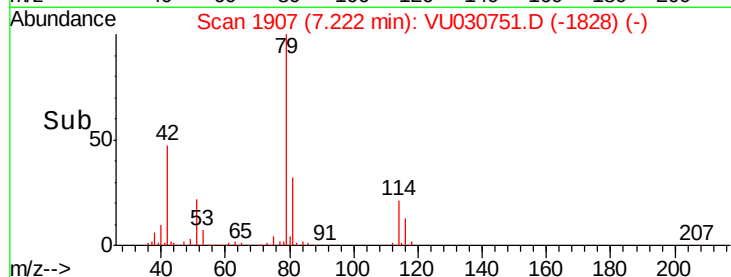
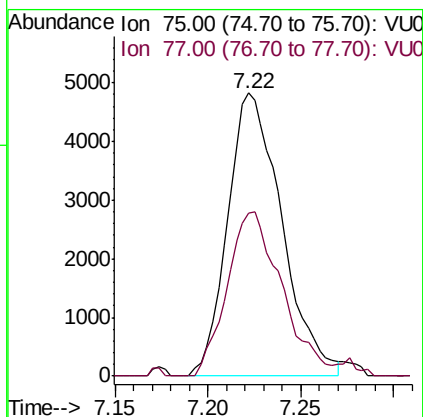
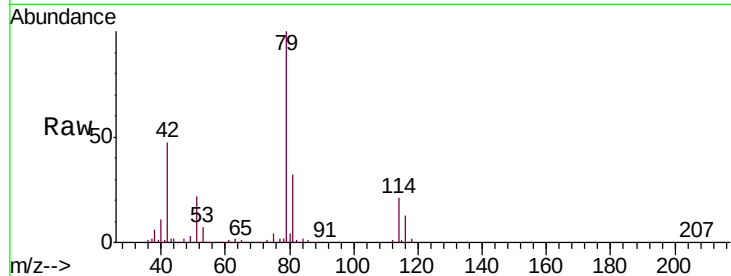




#39
 cis-1,3-Dichloropropene
 Concen: 0.869 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU030751.D
 Acq: 05 Apr 2019 19:19

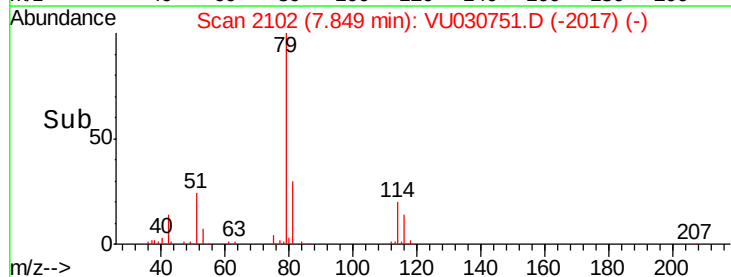
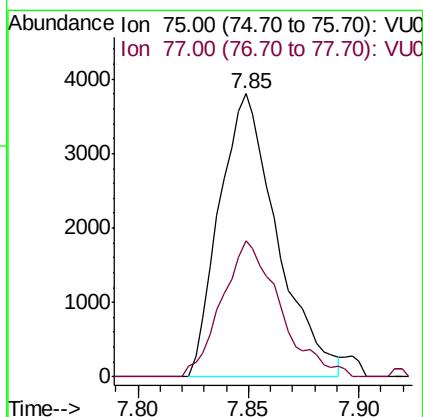
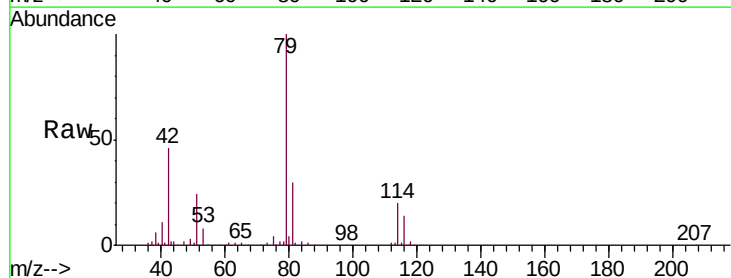
Instrument :
 MSVOA_U
 ClientSampled :
 BF144ME

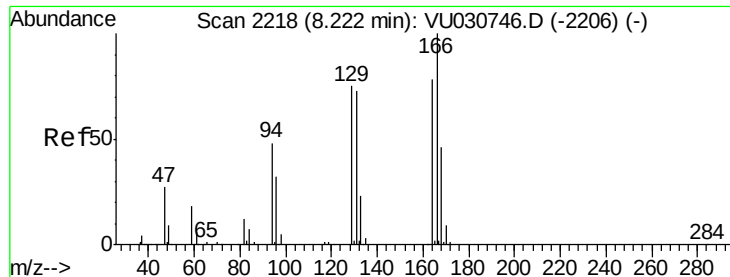
Tgt Ion: 75 Resp: 9776
 Ion Ratio Lower Upper
 75 100
 77 57.5 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.697 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030751.D
 Acq: 05 Apr 2019 19:19

Tgt Ion: 75 Resp: 6905
 Ion Ratio Lower Upper
 75 100
 77 47.9 21.6 40.0#

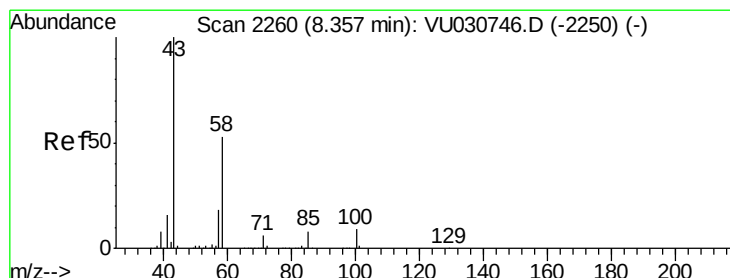
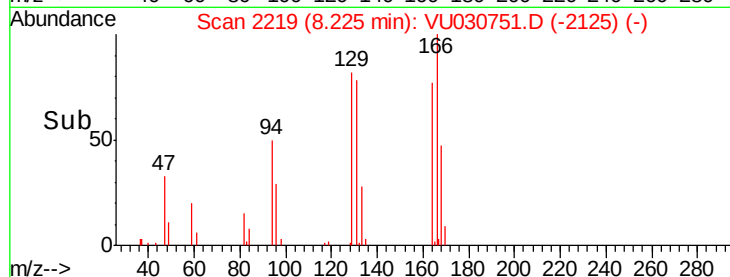
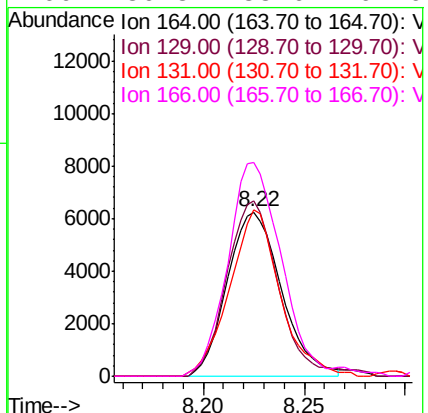
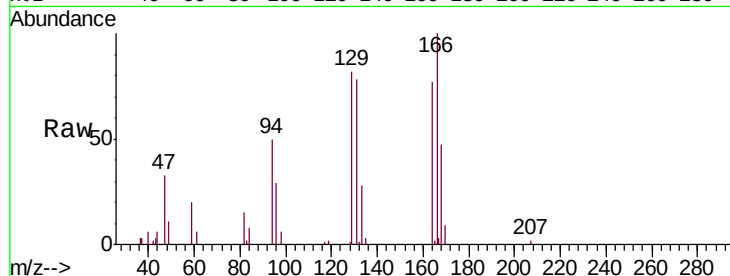




#46
Tetrachloroethene
Concen: 2.362 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030751.D
Acq: 05 Apr 2019 19:19

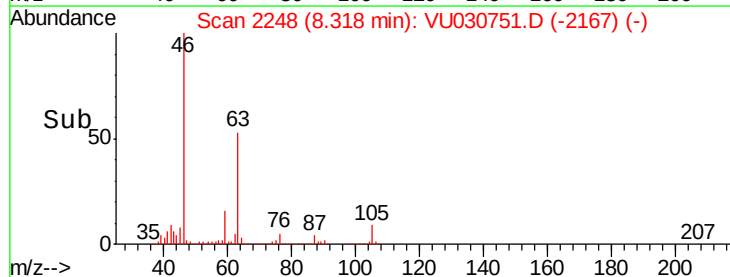
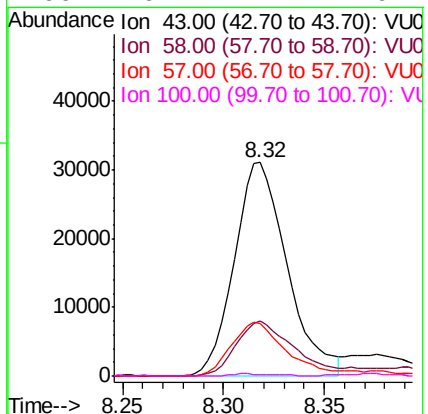
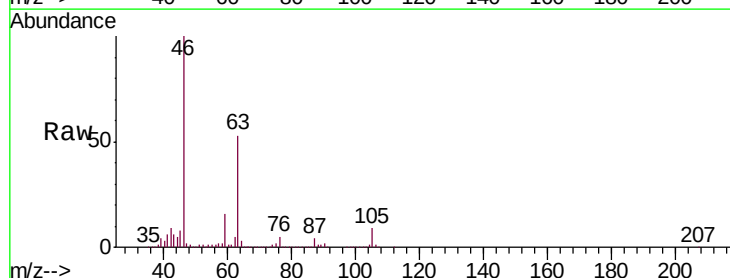
Instrument :
MSVOA_U
ClientSampleId :
BF144ME

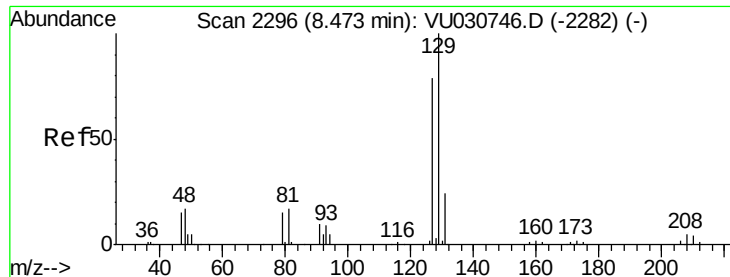
Tgt Ion:164 Resp: 11755
Ion Ratio Lower Upper
164 100
129 106.6 67.4 125.2
131 101.4 65.9 122.5
166 130.3 88.6 164.6



#48
2-Hexanone
Concen: 5.760 ug/L
RT: 8.32 min Scan# 2248
Delta R.T. -0.04 min
Lab File: VU030751.D
Acq: 05 Apr 2019 19:19

Tgt Ion: 43 Resp: 57109
Ion Ratio Lower Upper
43 100
58 27.7 41.9 62.9#
57 26.5 14.3 21.5#
100 0.1 7.1 10.7#





#49

Dibromochloromethane

Concen: 1.695 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU030751.D

Acq: 05 Apr 2019 19:19

Instrument :

MSVOA_U

ClientSampleId :

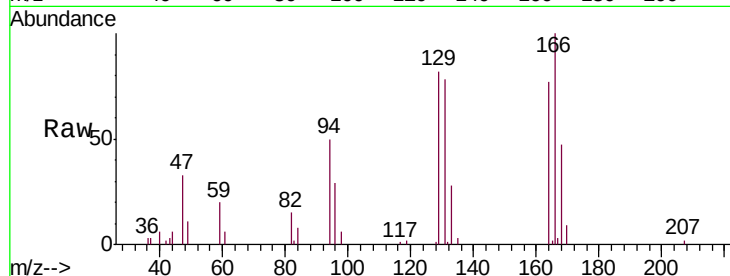
BF144ME

Tgt Ion:129 Resp: 12054

Ion Ratio Lower Upper

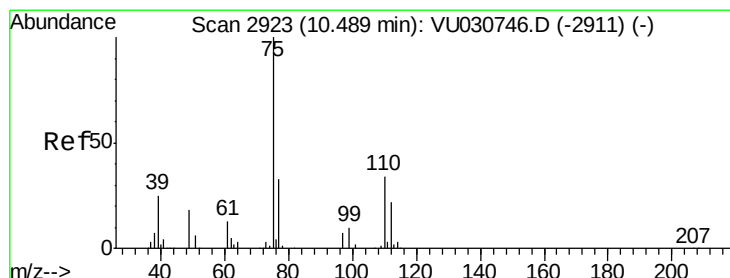
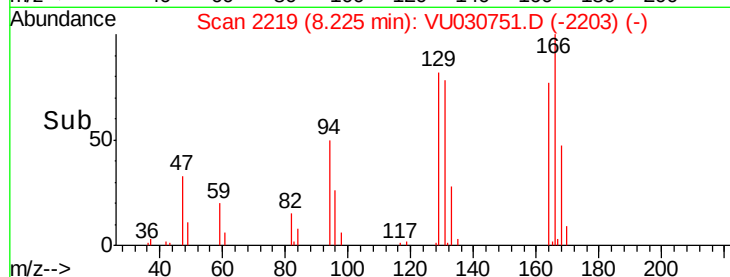
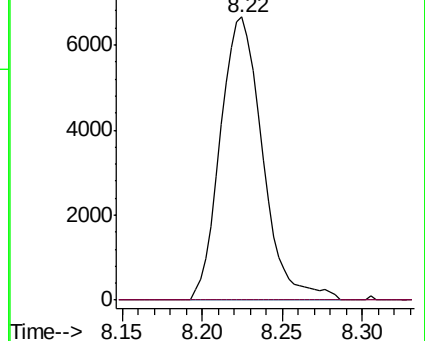
129 100

127 0.0 54.5 101.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.780 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030751.D

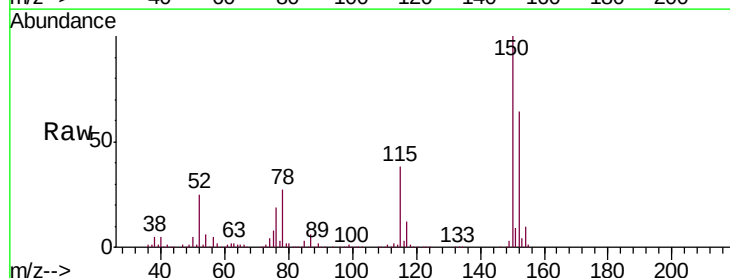
Acq: 05 Apr 2019 19:19

Tgt Ion: 75 Resp: 54702

Ion Ratio Lower Upper

75 100

77 35.3 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

