

Data File : VU030647.D
Acq On : 03 Apr 2019 22:54
Operator : JC/SP
Sample : K2167-11ME
Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF112ME

Quant Time: Apr 04 06:59:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	547070	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	536176	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256658	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	170601	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.50%
7) Chloroethane-d5	1.70	69	878	0.25	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.50%#
11) 1,1-Dichloroethene-d2	2.24	63	262099	31.38	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	4.18	46	319462	77.19	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.19%
24) Chloroform-d	4.64	84	292784	38.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.30	65	202123	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.44%
32) Benzene-d6	5.33	84	657209	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
36) 1,2-Dichloropropane-d6	6.32	67	222417	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.56%
41) Toluene-d8	7.56	98	577982	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%
43) trans-1,3-Dichloropropene-	7.85	79	96670	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
47) 2-Hexanone-d5	8.32	63	245233	86.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327189	43.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	227318	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

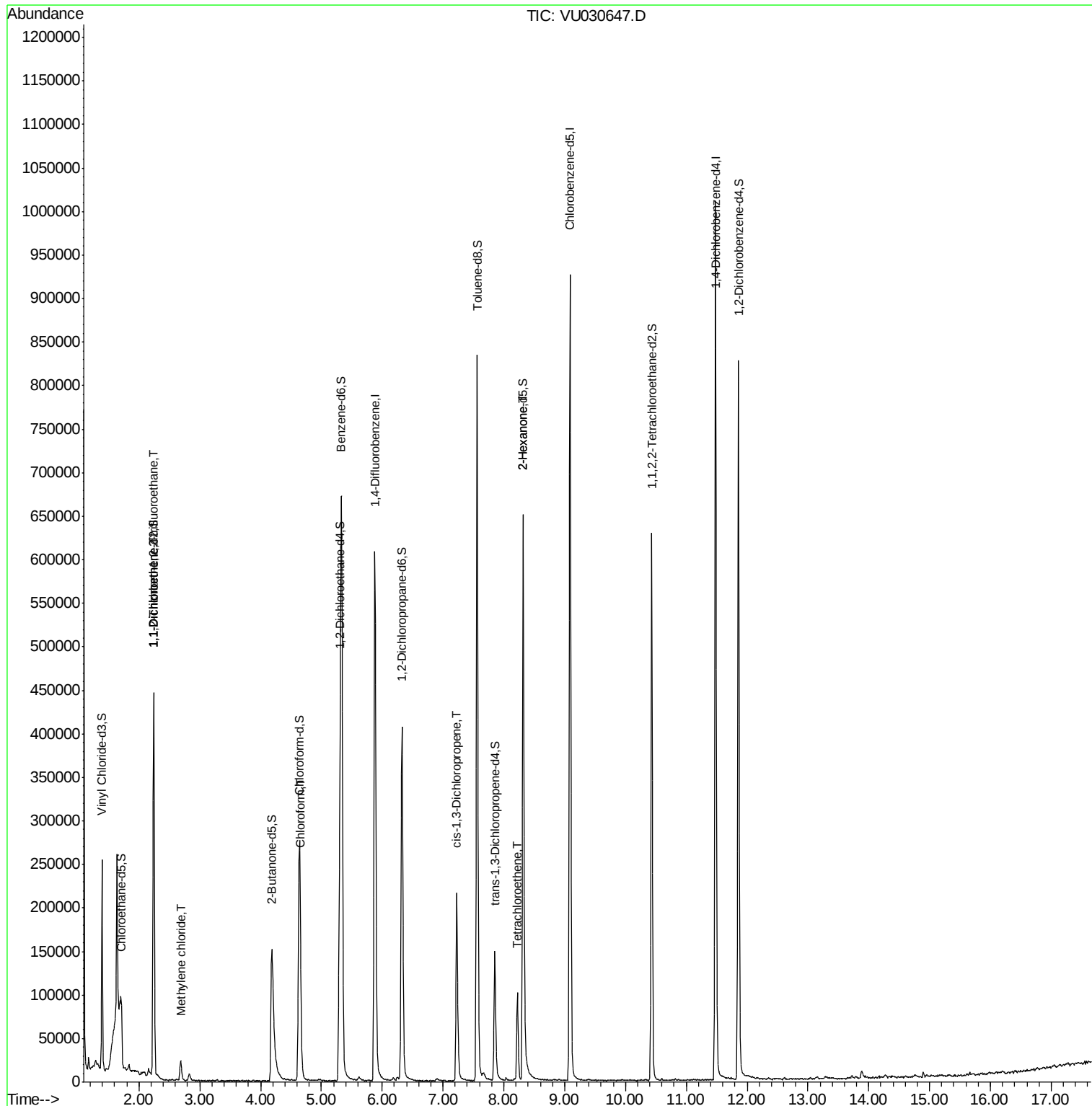
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2617	0.655 ug/L #	23
12) 1,1-Dichloroethene	2.24	96	2164	0.553 ug/L #	1
16) Methylene chloride	2.69	84	11135	2.413 ug/L	93
25) Chloroform	4.66	83	11712	1.462 ug/L	83
39) cis-1,3-Dichloropropene	7.23	75	5880	0.790 ug/L #	70
46) Tetrachloroethene	8.22	164	23552	7.515 ug/L	98
48) 2-Hexanone	8.32	43	27035	3.791 ug/L #	73

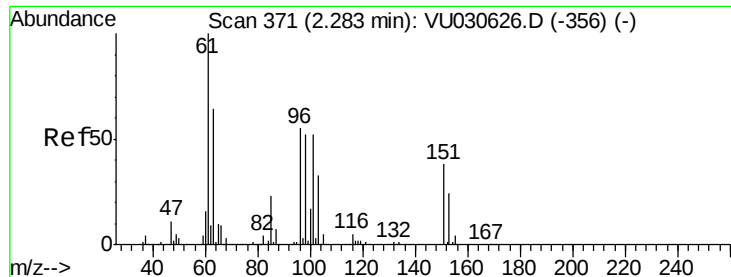
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.655 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

BF112ME

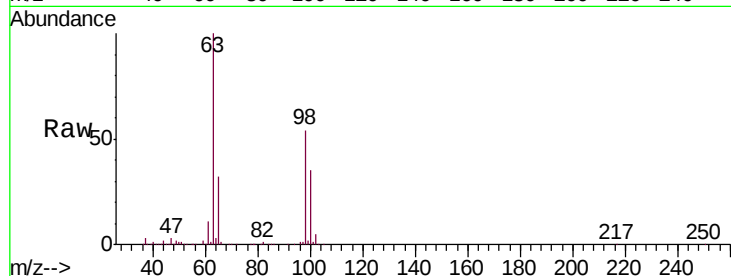
Tgt Ion: 101 Resp: 2617

Ion Ratio Lower Upper

101 100

85 3.1 34.8 52.2#

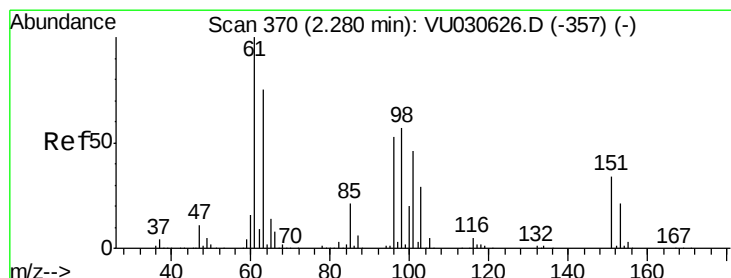
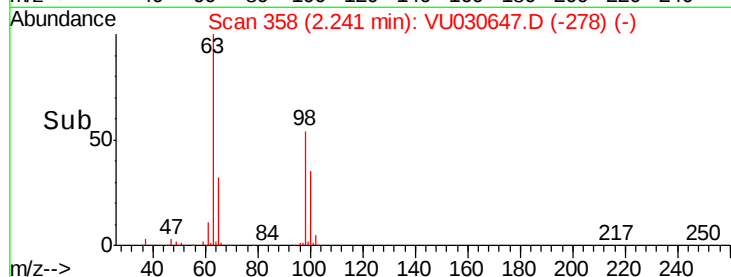
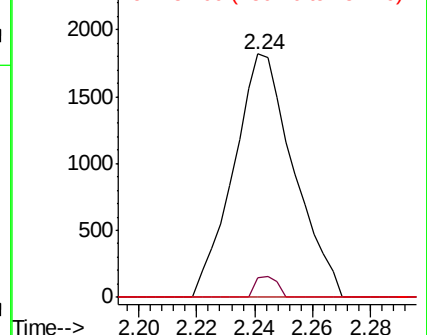
151 0.0 56.6 85.0#



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: 0.553 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.04 min

Lab File: VU030647.D

Acq: 03 Apr 2019 22:54

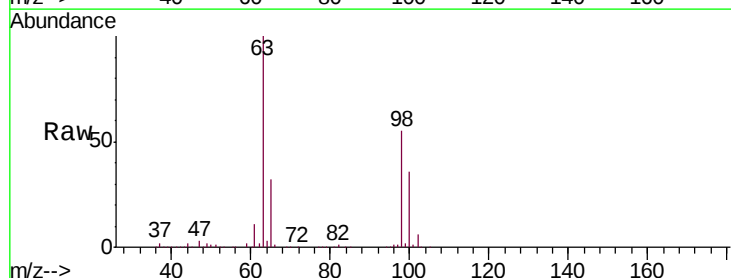
Tgt Ion: 96 Resp: 2164

Ion Ratio Lower Upper

96 100

61 1429.7 131.0 243.4#

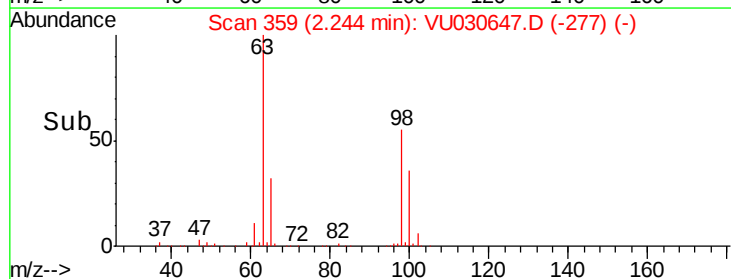
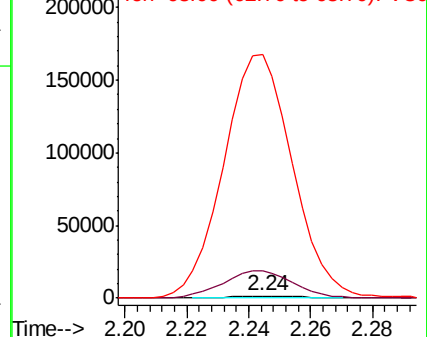
63 12698.2 92.4 171.6#

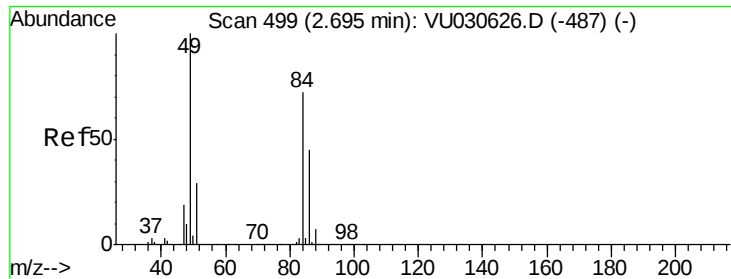


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

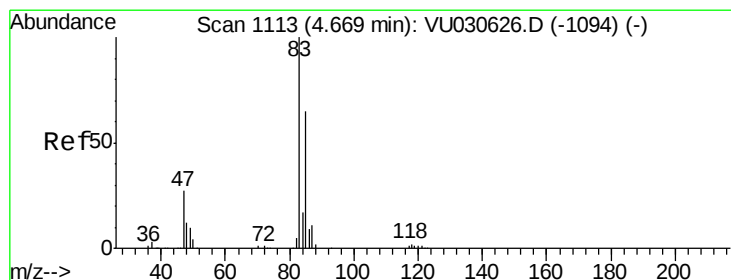
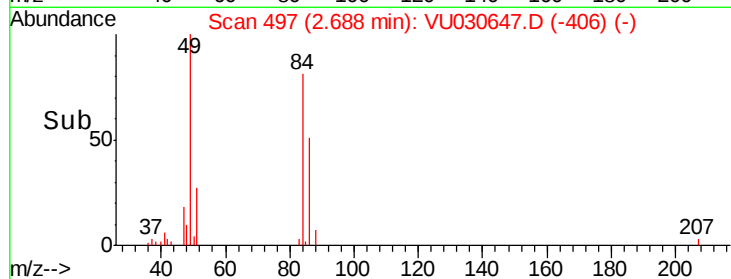
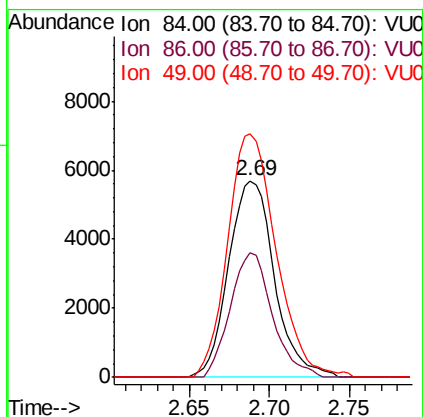
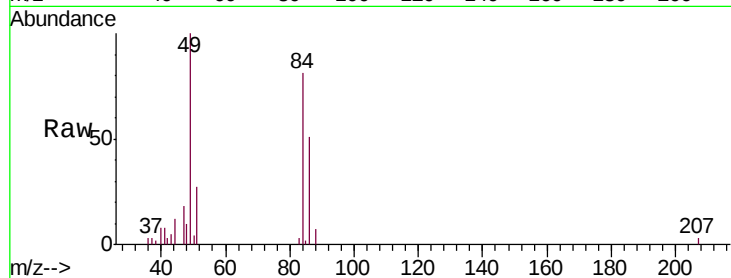




#16
Methylene chloride
Concen: 2.413 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU030647.D
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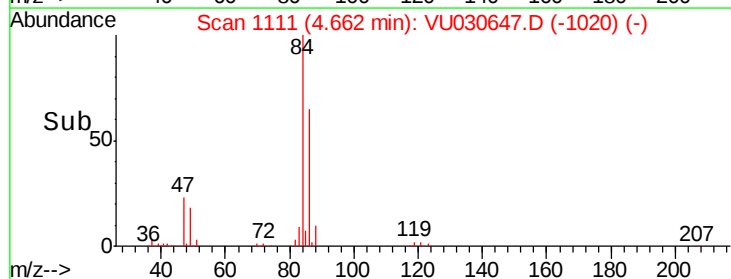
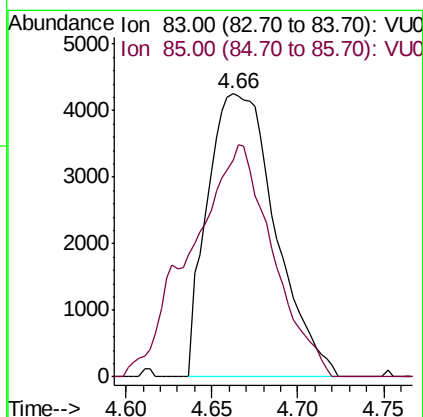
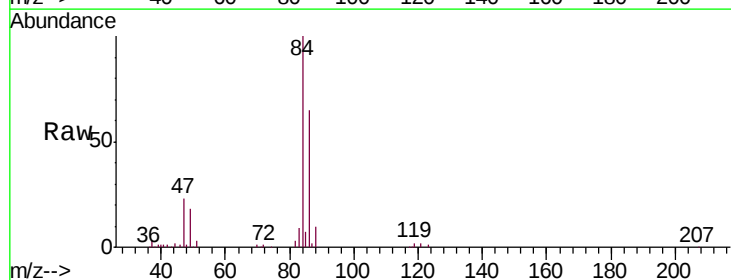
Instrument :
MSVOA_U
ClientSampleId :
BF112ME

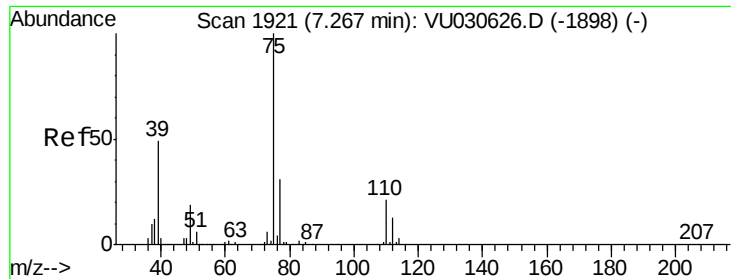
Tgt Ion: 84 Resp: 11135
Ion Ratio Lower Upper
84 100
86 63.1 44.3 82.3
49 123.7 94.9 176.3



#25
Chloroform
Concen: 1.462 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU030647.D
Acq: 03 Apr 2019 22:54

Tgt Ion: 83 Resp: 11712
Ion Ratio Lower Upper
83 100
85 76.7 44.4 82.4

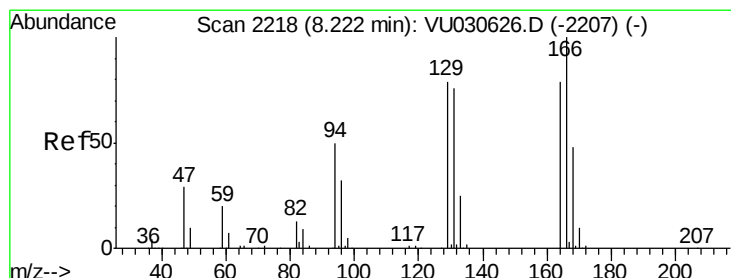
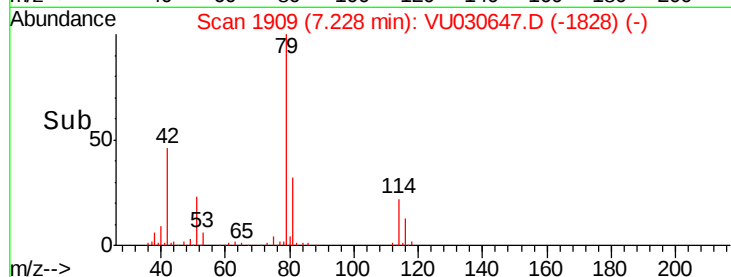
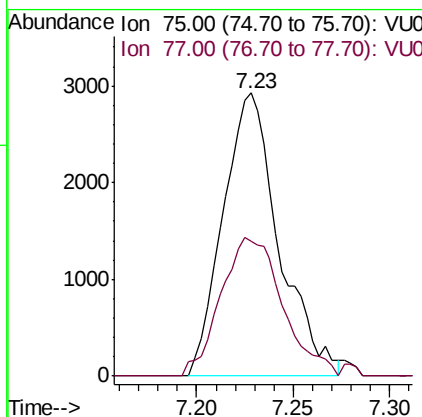
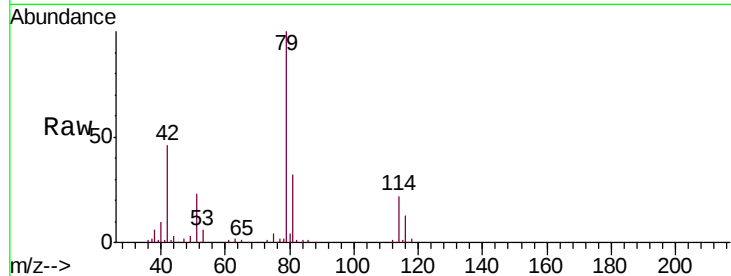




#39
 cis-1,3-Dichloropropene
 Concen: 0.790 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU030647.D
 Acq: 03 Apr 2019 22:54

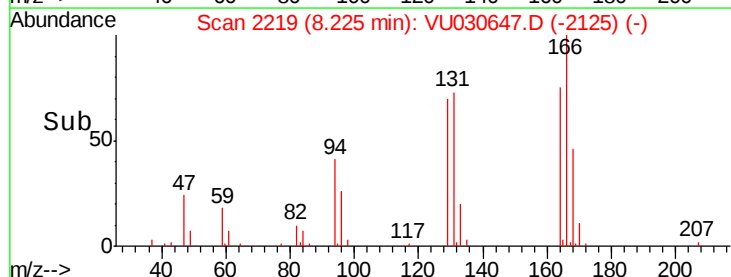
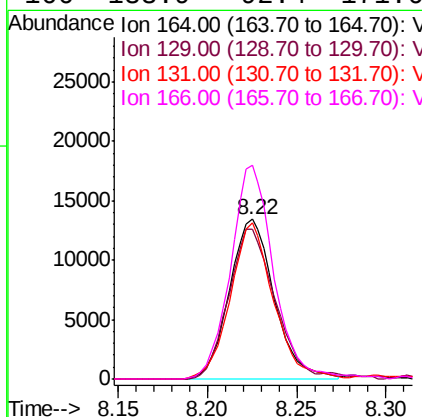
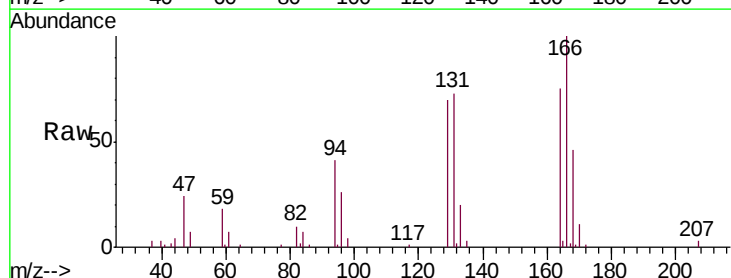
Instrument :
 MSVOA_U
 ClientSampleId :
 BF112ME

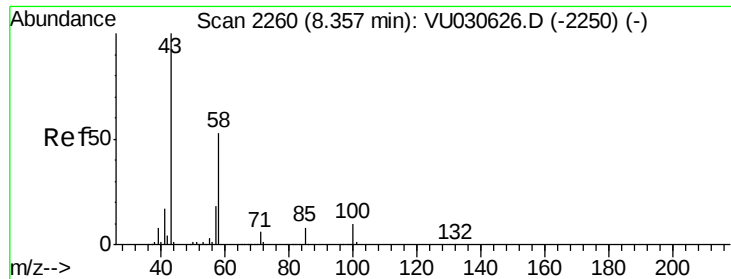
Tgt Ion: 75 Resp: 5880
 Ion Ratio Lower Upper
 75 100
 77 47.8 21.8 40.6#



#46
 Tetrachloroethene
 Concen: 7.515 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU030647.D
 Acq: 03 Apr 2019 22:54

Tgt Ion: 164 Resp: 23552
 Ion Ratio Lower Upper
 164 100
 129 93.8 68.1 126.5
 131 97.9 67.7 125.7
 166 133.9 92.4 171.6





#48
 2-Hexanone
 Concen: 3.791 ug/L
 RT: 8.32 min Scan# 2248
 Delta R.T. -0.04 min
 Lab File: VU030647.D
 Acq: 03 Apr 2019 22:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BF112ME

Tgt Ion:	43	Resp:	27035
Ion	Ratio	Lower	Upper
43	100		
58	31.0	42.5	63.7#
57	25.5	15.0	22.6#
100	0.3	7.4	11.2#

