

Data File : VU030172.D
Acq On : 18 Mar 2019 14:30
Operator : JC/SP
Sample : K1936-21DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C8DL

Quant Time: Mar 19 02:28:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468625	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120523	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.76%
7) Chloroethane-d5	1.68	69	109361	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.27	63	171470	30.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	4.17	46	256198	110.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.32%
24) Chloroform-d	4.65	84	267829	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.31	65	161769	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.34	84	540047	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
36) 1,2-Dichloropropane-d6	6.33	67	176601	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	7.56	98	469949	42.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.26%
43) trans-1,3-Dichloropropene-	7.85	79	81195	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.31	63	208225	103.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288669	52.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	209842	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

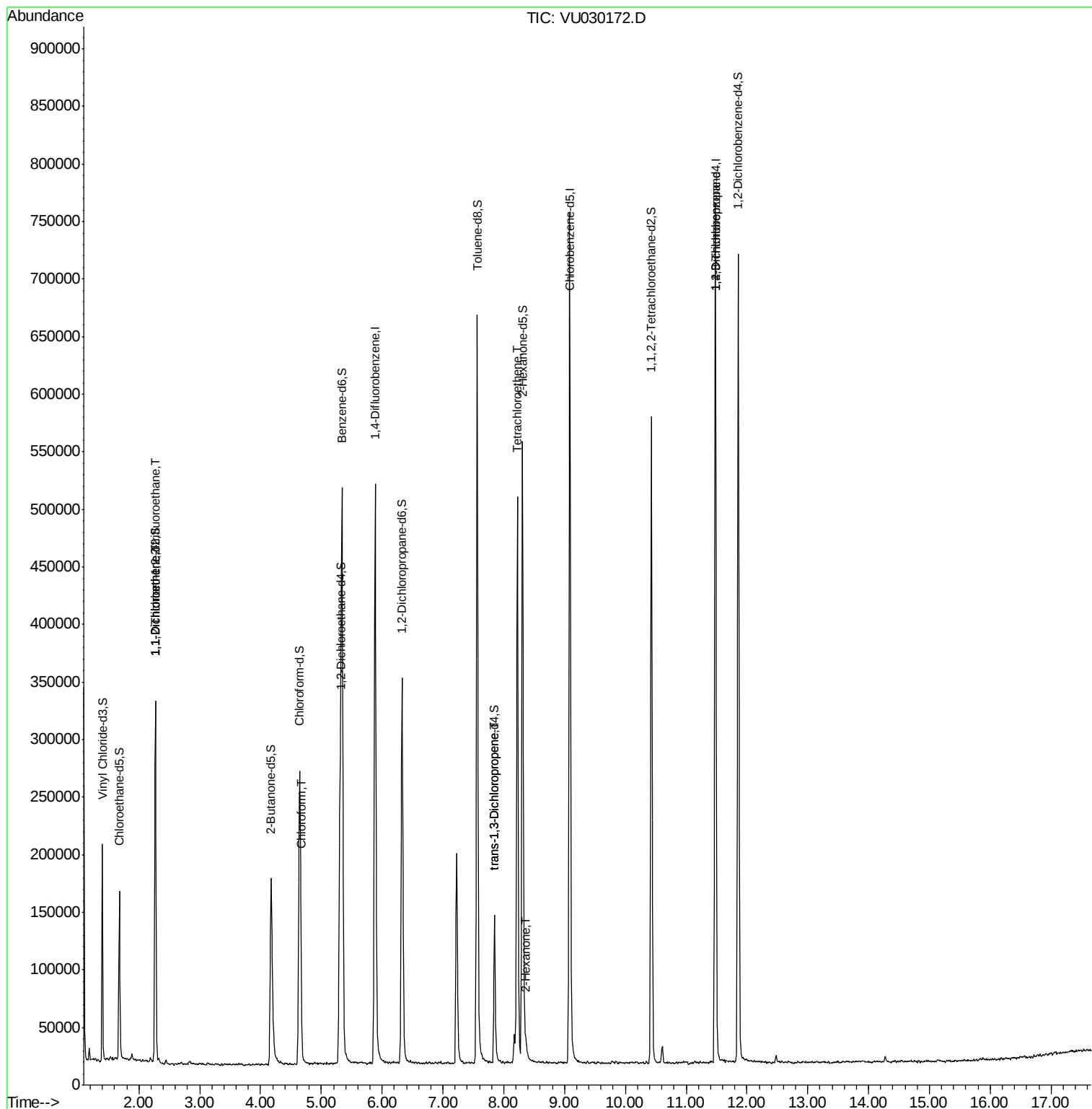
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1994	0.648	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1741	0.593	ug/L #	1
25) Chloroform	4.67	83	6525	1.132	ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	3281	0.671	ug/L #	77
46) Tetrachloroethene	8.22	164	123040	40.990	ug/L	98
48) 2-Hexanone	8.37	43	4512	1.138	ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	22510	5.021	ug/L	96

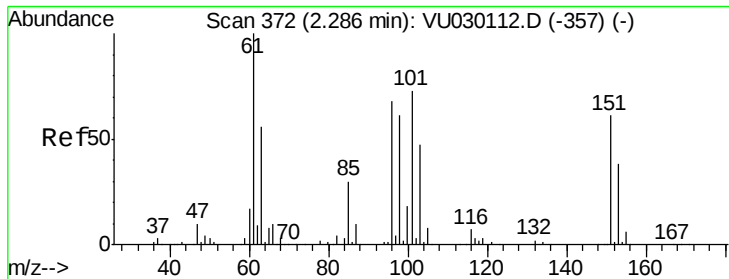
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.648 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030172.D

Acq: 18 Mar 2019 14:30

Instrument :

MSVOA_U

ClientSampleId :

BF1C8DL

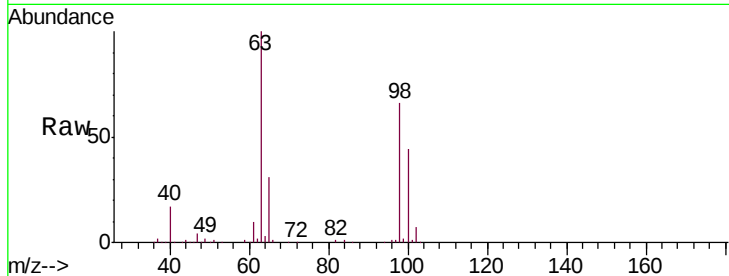
Tgt Ion: 101 Resp: 1994

Ion Ratio Lower Upper

101 100

85 2.4 33.0 49.4#

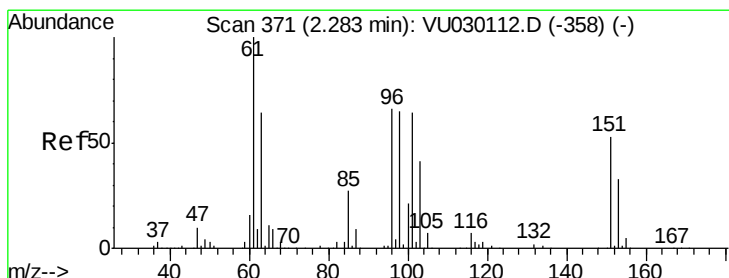
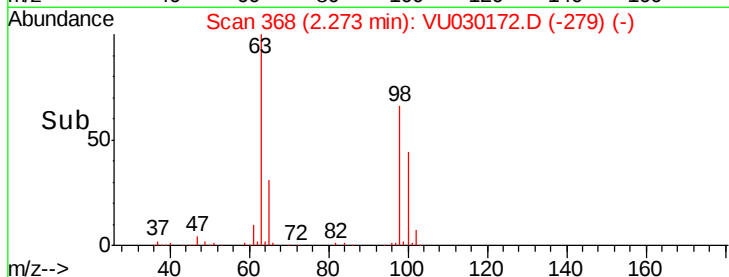
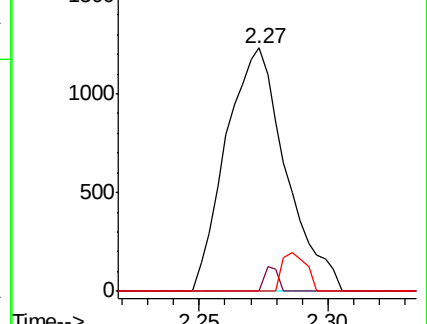
151 6.3 66.1 99.1#



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: 0.593 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030172.D

Acq: 18 Mar 2019 14:30

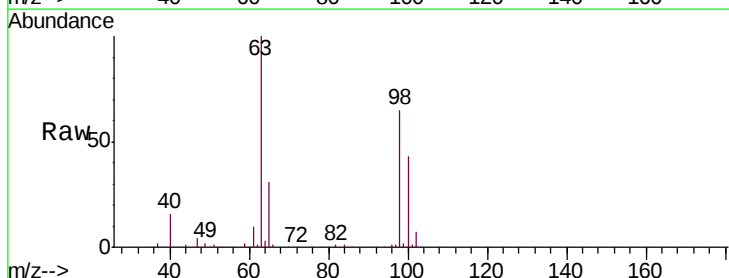
Tgt Ion: 96 Resp: 1741

Ion Ratio Lower Upper

96 100

61 902.4 110.4 205.0#

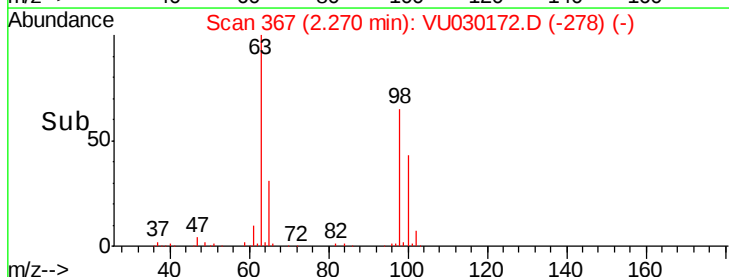
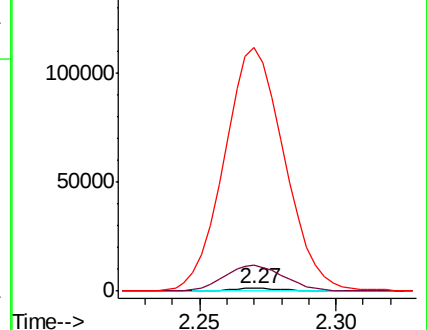
63 8642.3 86.5 160.7#

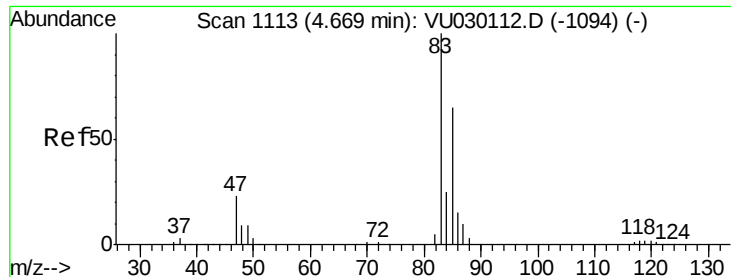


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

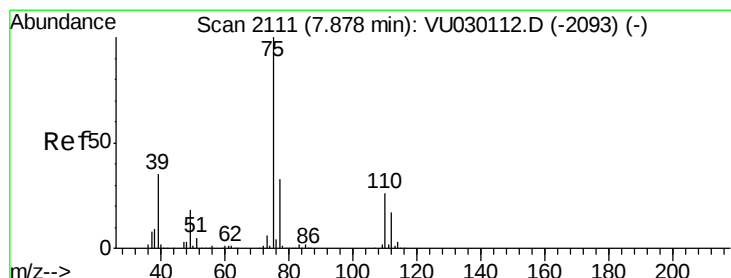
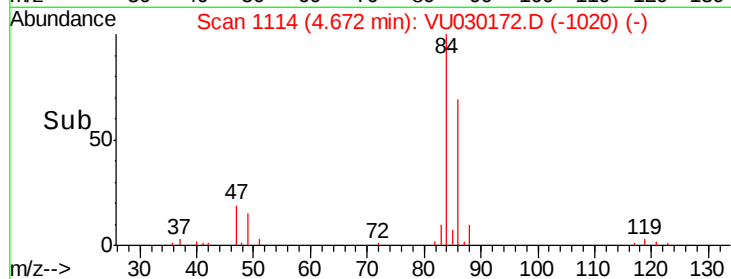
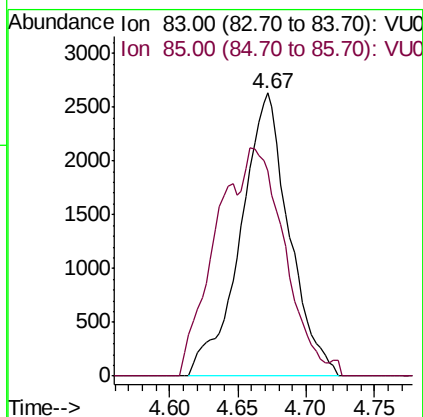
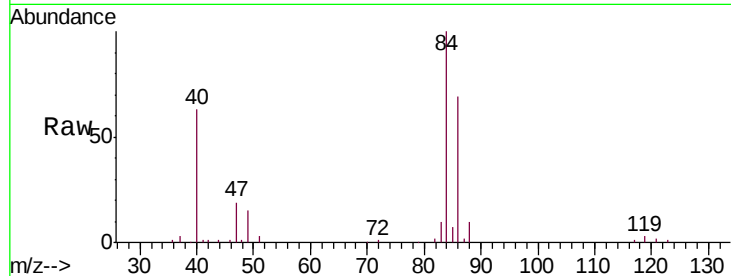




#25
Chloroform
Concen: 1.132 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030172.D
Acq: 18 Mar 2019 14:30

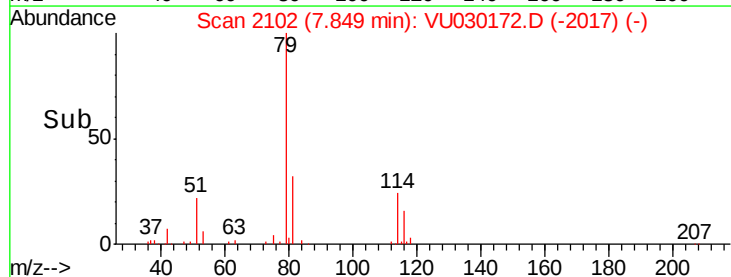
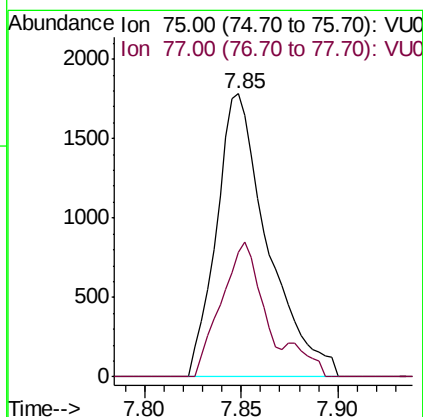
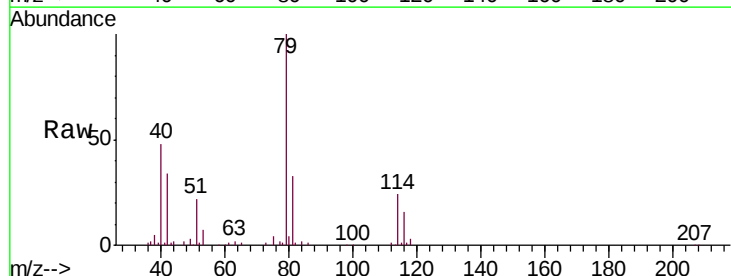
Instrument :
MSVOA_U
ClientSampleId :
BF1C8DL

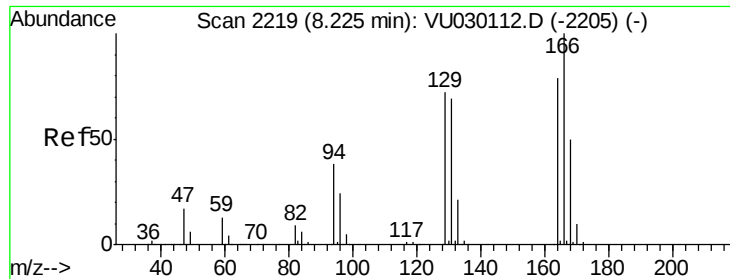
Tgt Ion: 83 Resp: 6525
Ion Ratio Lower Upper
83 100
85 72.6 44.9 83.5



#44
trans-1,3-Dichloropropene
Concen: 0.671 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030172.D
Acq: 18 Mar 2019 14:30

Tgt Ion: 75 Resp: 3281
Ion Ratio Lower Upper
75 100
77 43.9 21.9 40.7#

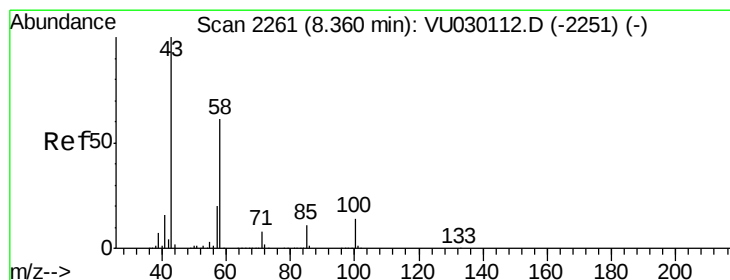
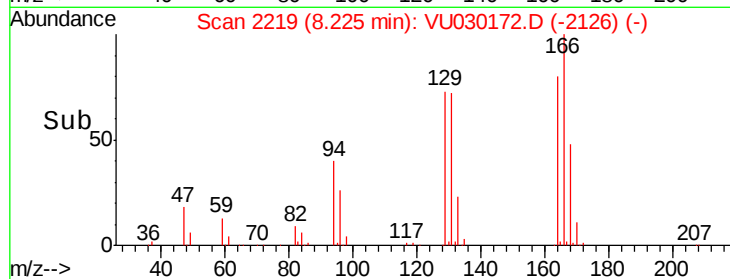
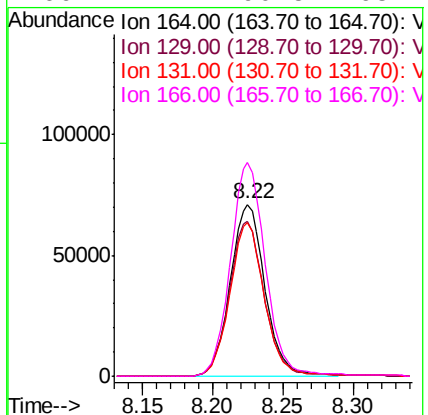
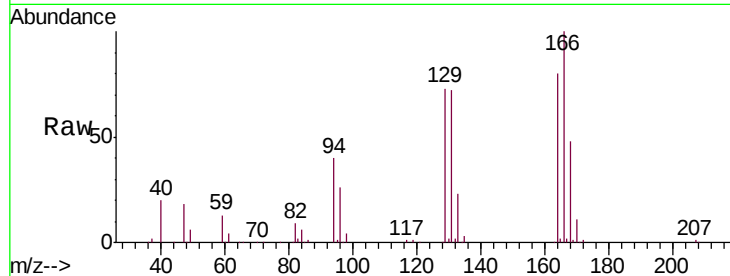




#46
Tetrachloroethene
Concen: 40.990 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030172.D
Acq: 18 Mar 2019 14:30

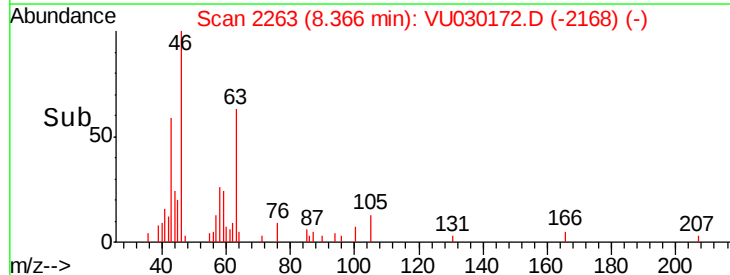
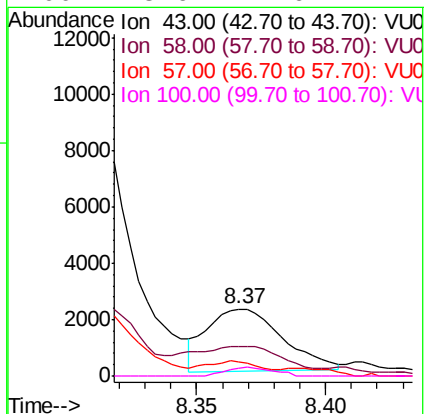
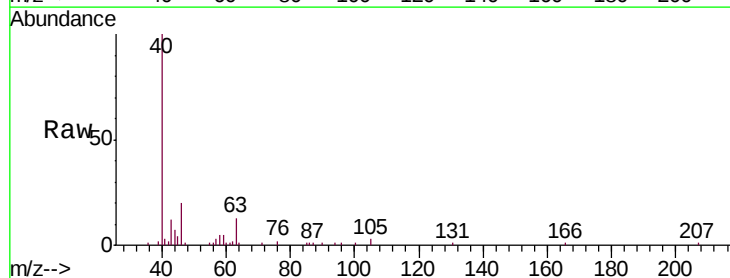
Instrument :
MSVOA_U
ClientSampleId :
BF1C8DL

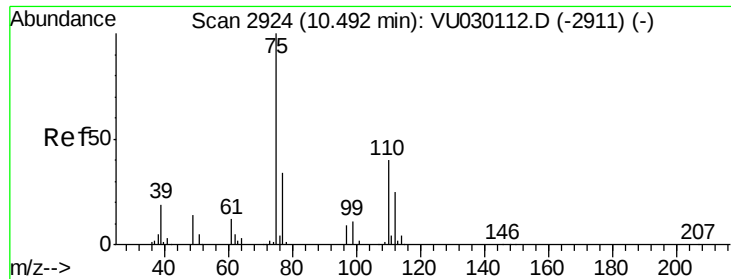
Tgt Ion:	164	Resp:	123040
Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.3	117.7
131	89.8	62.0	115.2
166	124.4	90.5	168.1



#48
2-Hexanone
Concen: 1.138 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030172.D
Acq: 18 Mar 2019 14:30

Tgt Ion:	43	Resp:	4512
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.6	72.8#
57	8.3	16.1	24.1#
100	8.6	11.6	17.4#





#59

1,2,3-Trichloropropane

Concen: 5.021 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030172.D

Acq: 18 Mar 2019 14:30

Instrument :

MSVOA_U

ClientSampleId :

BF1C8DL

Tgt Ion: 75 Resp: 22510

Ion Ratio Lower Upper

75 100

77 34.6 25.8 38.8

