

Data File : VU030322.D
Acq On : 22 Mar 2019 20:37
Operator : JC/SP
Sample : K2048-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1D6

Quant Time: Mar 23 04:40:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	515215	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	497887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230382	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133494	38.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.64%
7) Chloroethane-d5	1.68	69	118525	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.10%
11) 1,1-Dichloroethene-d2	2.27	63	188112	29.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.20%#
21) 2-Butanone-d5	4.17	46	255734	98.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.95%
24) Chloroform-d	4.65	84	277534	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
26) 1,2-Dichloroethane-d4	5.31	65	165063	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
32) Benzene-d6	5.34	84	583224	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
36) 1,2-Dichloropropane-d6	6.33	67	190347	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.78%
41) Toluene-d8	7.56	98	505975	41.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.02%
43) trans-1,3-Dichloropropene-	7.85	79	81576	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.54%
47) 2-Hexanone-d5	8.31	63	203174	96.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288015	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	213114	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%

Target Compounds

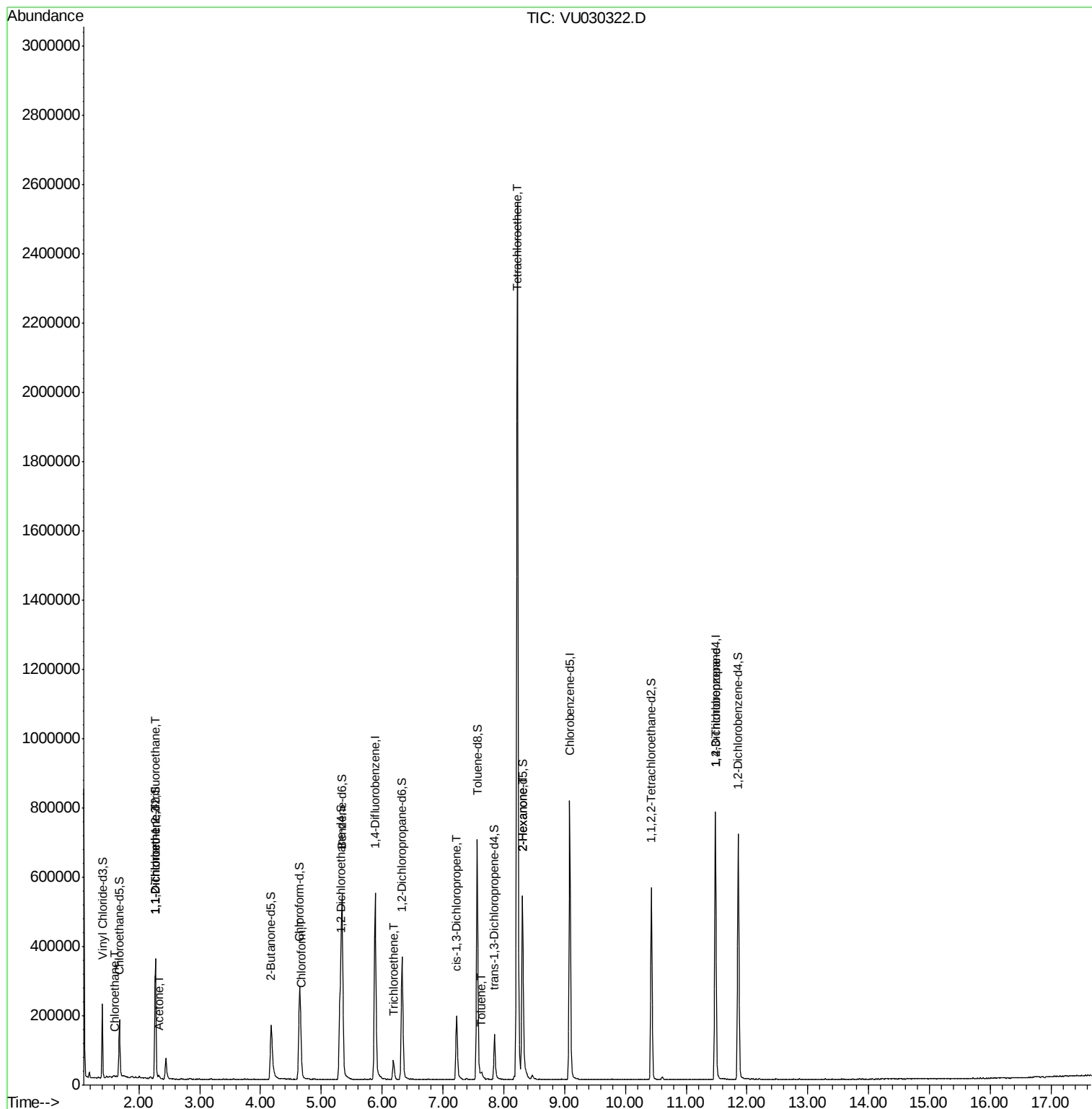
						Qvalue
8) Chloroethane	1.60	64	4534	1.711	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1974	0.570	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	2772	0.806	ug/L #	1
13) Acetone	2.32	43	8820	3.266	ug/L	93
25) Chloroform	4.68	83	17713	2.729	ug/L	95
34) Trichloroethene	6.19	95	20910	5.523	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	3936	0.667	ug/L #	32
42) Toluene	7.64	91	14911	0.954	ug/L	97
46) Tetrachloroethene	8.22	164	637866	199.400	ug/L	99
48) 2-Hexanone	8.31	43	18747	4.467	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	24567	4.941	ug/L	100

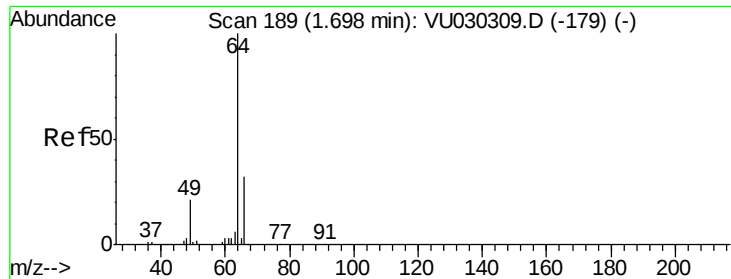
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.711 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.10 min

Lab File: VU030322.D

Acq: 22 Mar 2019 20:37

Instrument :

MSVOA_U

ClientSampleId :

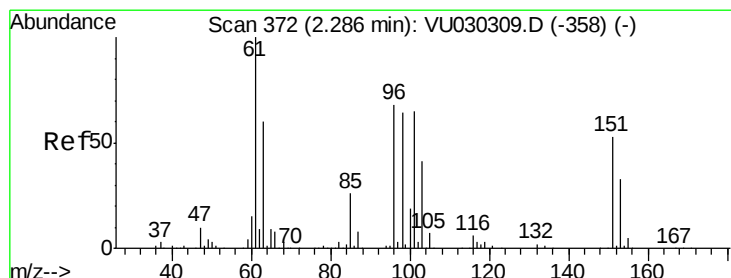
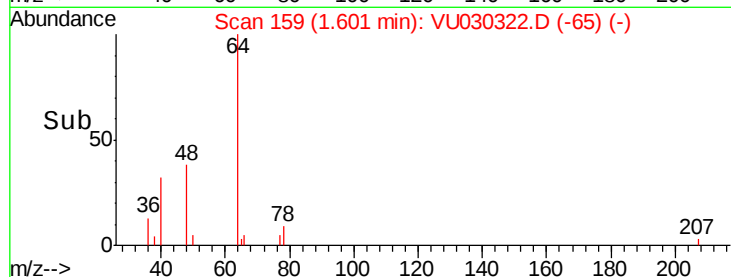
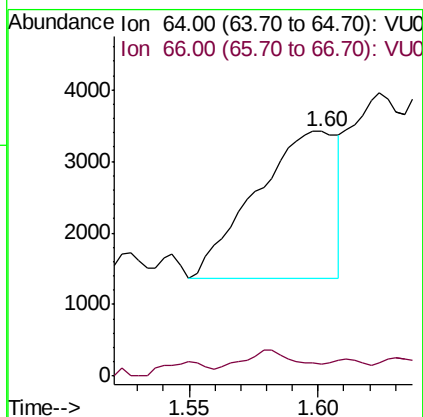
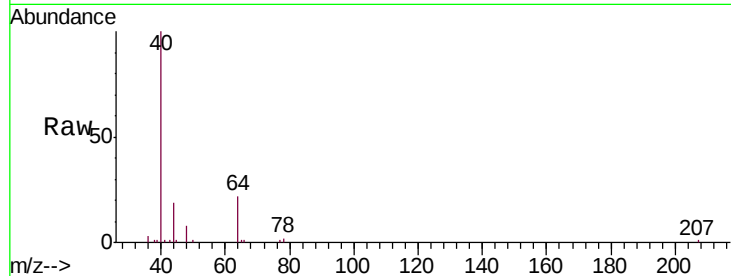
BF1D6

Tgt Ion: 64 Resp: 4534

Ion Ratio Lower Upper

64 100

66 4.9 23.2 43.0#



#10

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

Concen: 0.570 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030322.D

Acq: 22 Mar 2019 20:37

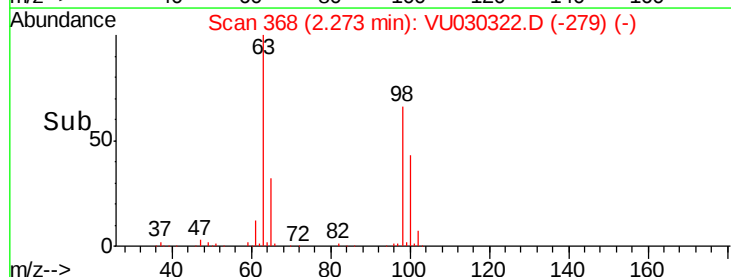
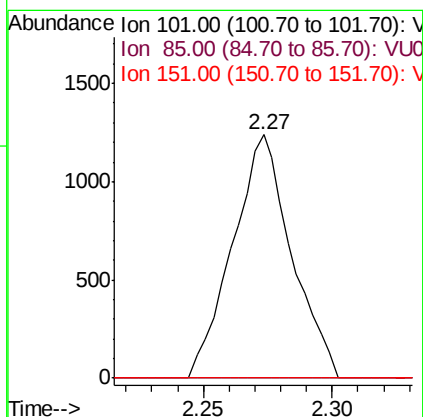
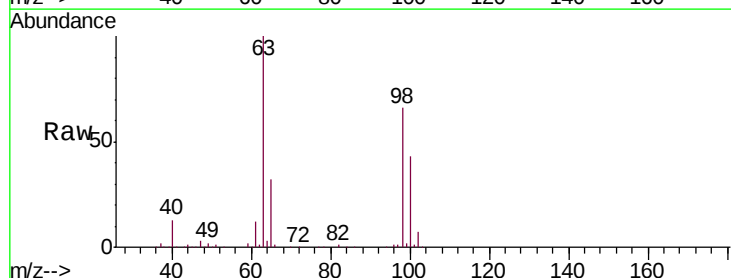
Tgt Ion: 101 Resp: 1974

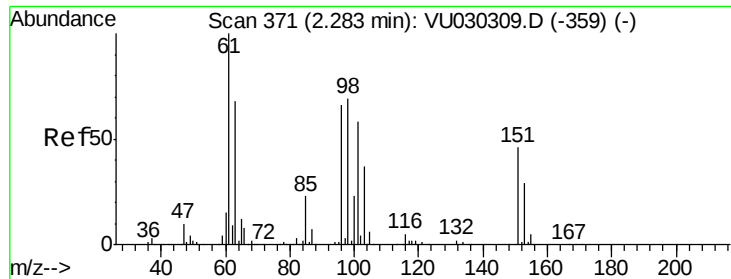
Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 64.7 97.1#

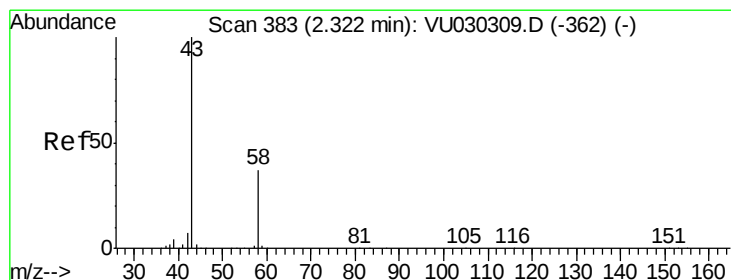
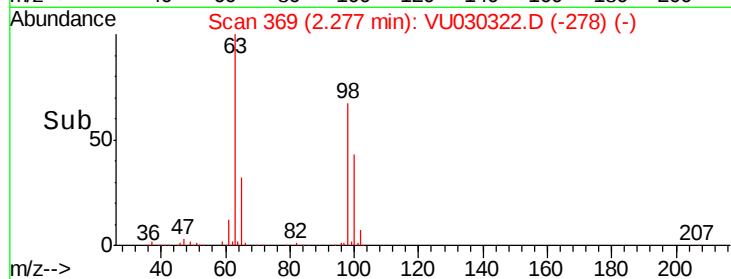
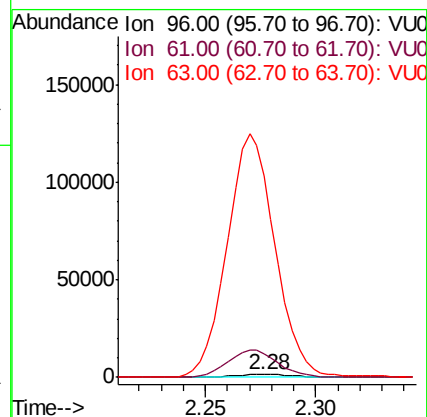
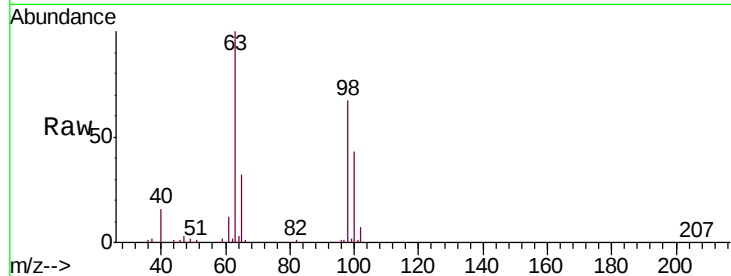




#12
 1,1-Dichloroethene
 Concen: 0.806 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU030322.D
 Acq: 22 Mar 2019 20:37

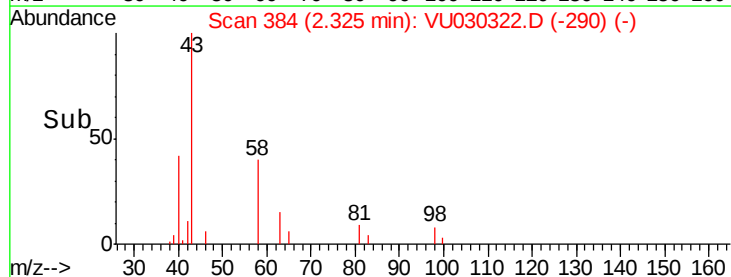
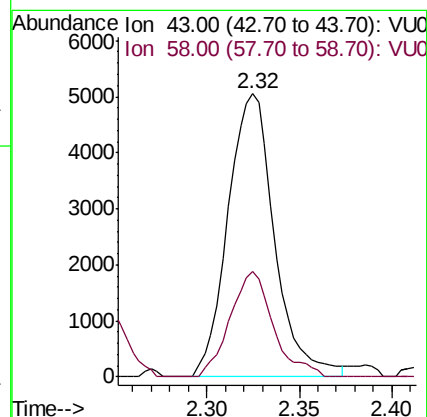
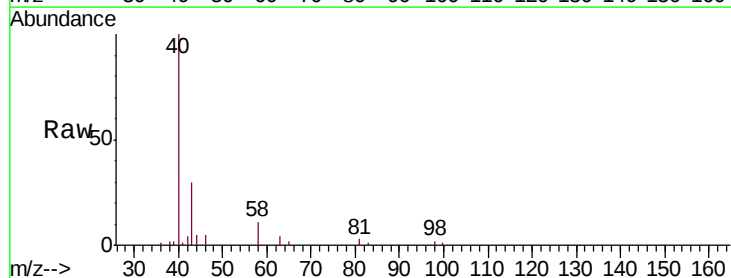
Instrument :
 MSVOA_U
 ClientSampleID :
 BF1D6

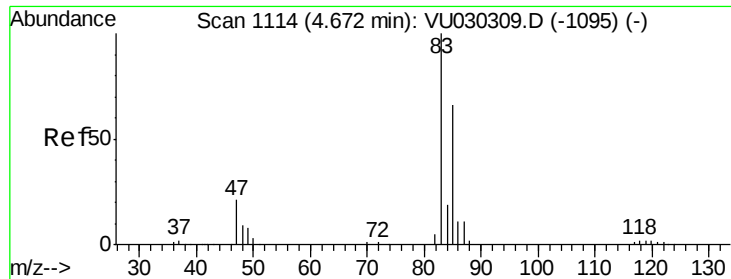
Tgt Ion: 96 Resp: 2772
 Ion Ratio Lower Upper
 96 100
 61 824.4 104.6 194.2#
 63 7003.0 77.2 143.4#



#13
 Acetone
 Concen: 3.266 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU030322.D
 Acq: 22 Mar 2019 20:37

Tgt Ion: 43 Resp: 8820
 Ion Ratio Lower Upper
 43 100
 58 32.7 0.0 73.4

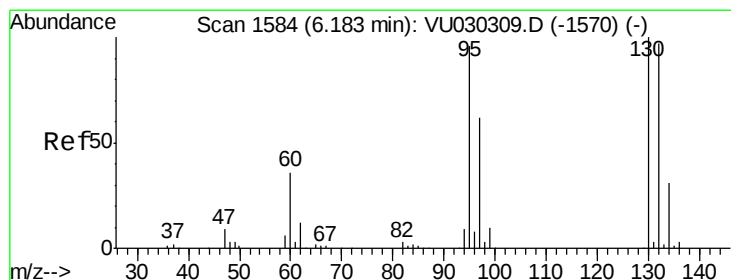
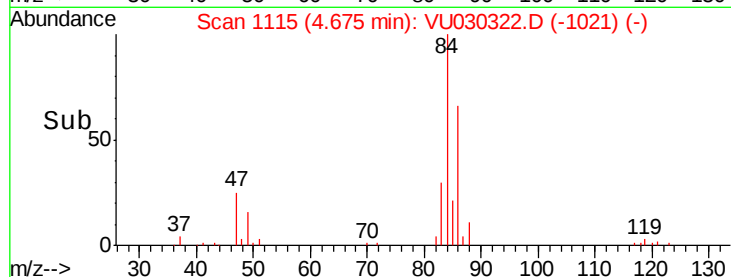
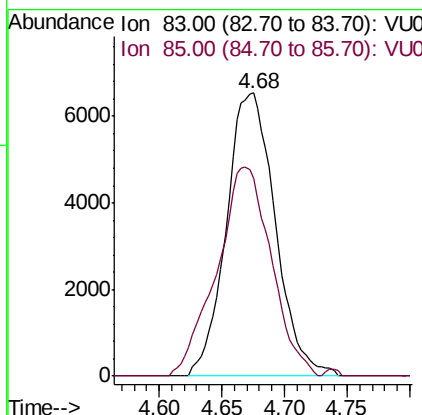
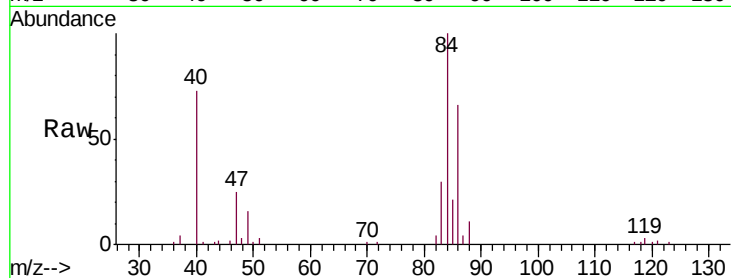




#25
Chloroform
Concen: 2.729 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VU030322.D
Acq: 22 Mar 2019 20:37

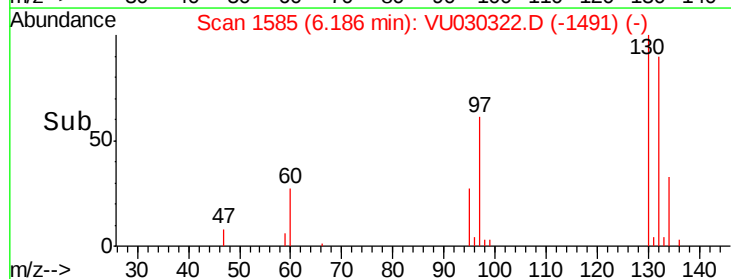
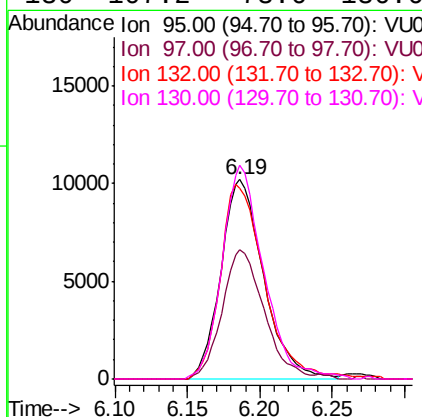
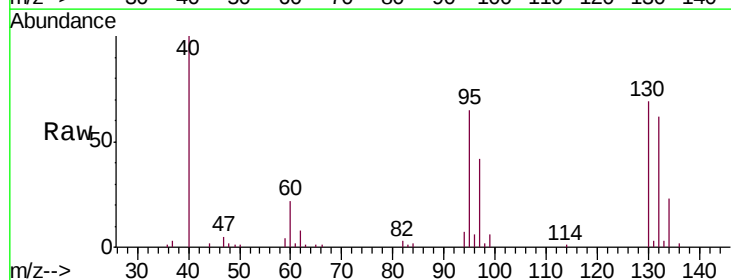
Instrument :
MSVOA_U
ClientSampleId :
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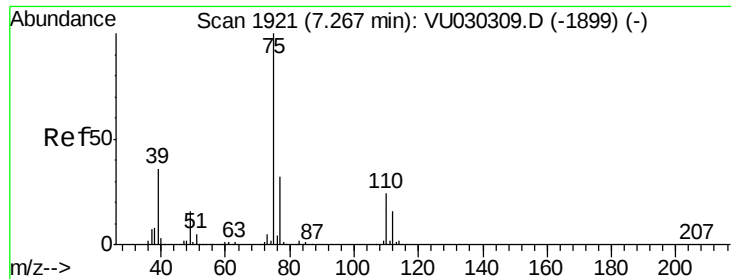
Tgt Ion: 83 Resp: 17713
Ion Ratio Lower Upper
83 100
85 69.8 45.8 85.2



#34
Trichloroethene
Concen: 5.523 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU030322.D
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Tgt Ion: 95 Resp: 20910
Ion Ratio Lower Upper
95 100
97 65.2 46.2 85.8
132 96.0 69.3 128.7
130 107.2 73.6 136.6

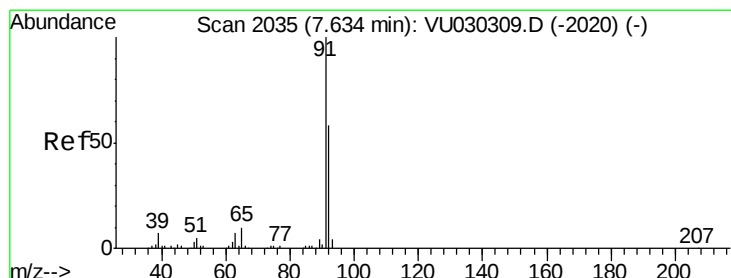
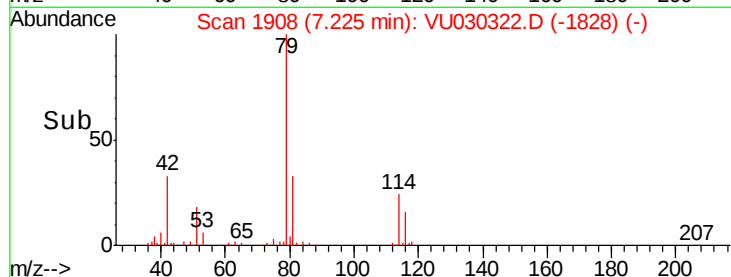
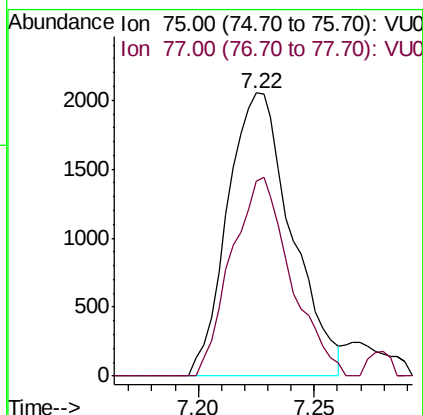
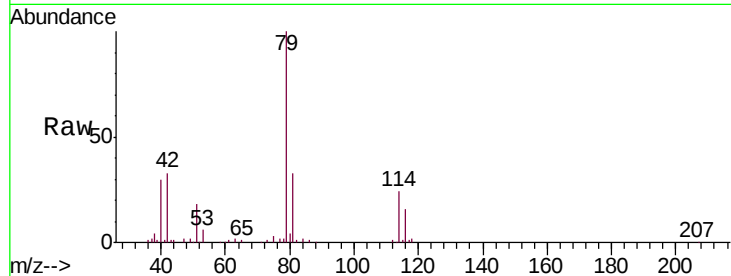




#39
 cis-1,3-Dichloroprene
 Concen: 0.667 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030322.D
 Acq: 22 Mar 2019 20:37

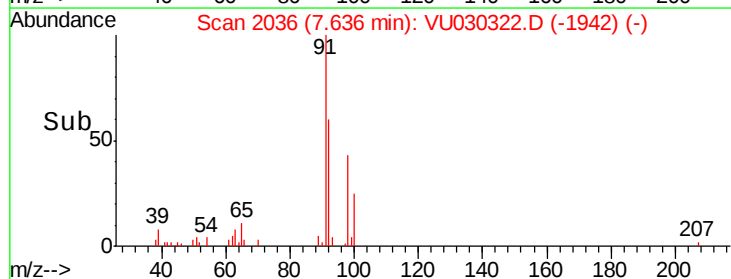
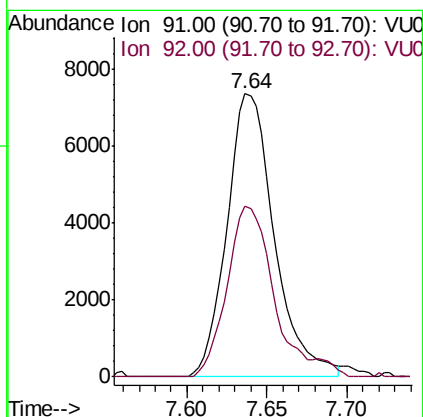
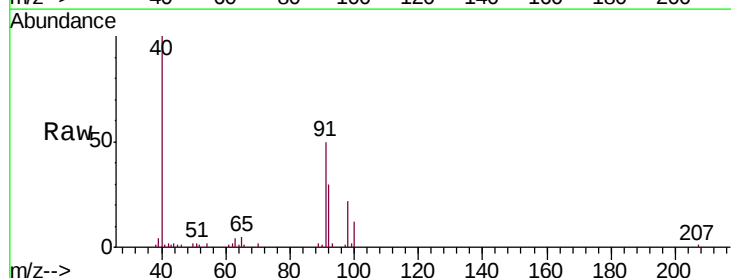
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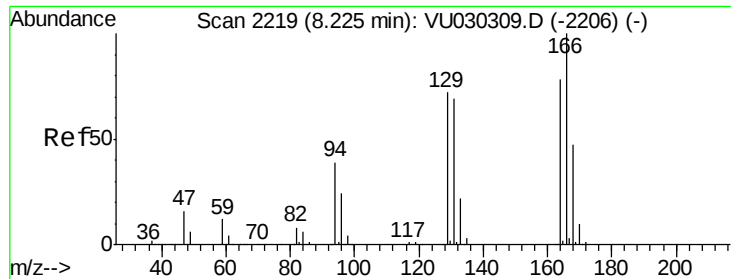
Tgt Ion: 75 Resp: 3936
 Ion Ratio Lower Upper
 75 100
 77 69.1 22.1 41.1#



#42
 Toluene
 Concen: 0.954 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU030322.D
 Acq: 22 Mar 2019 20:37

Tgt Ion: 91 Resp: 14911
 Ion Ratio Lower Upper
 91 100
 92 60.4 40.7 75.7

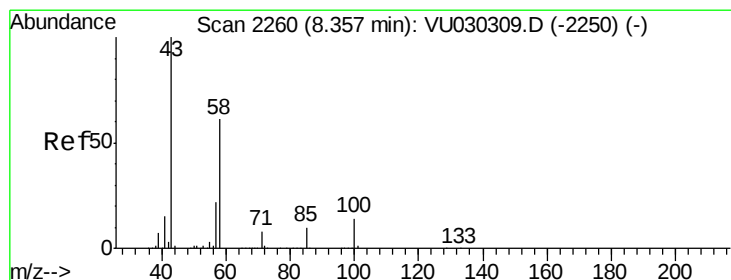
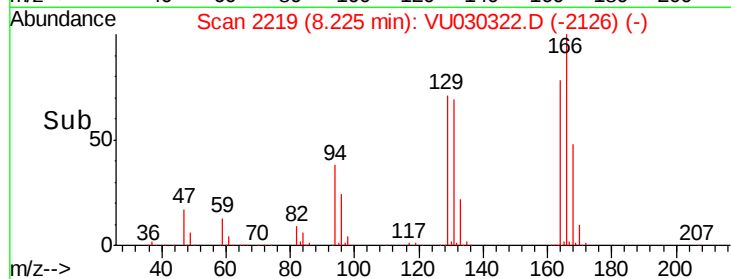
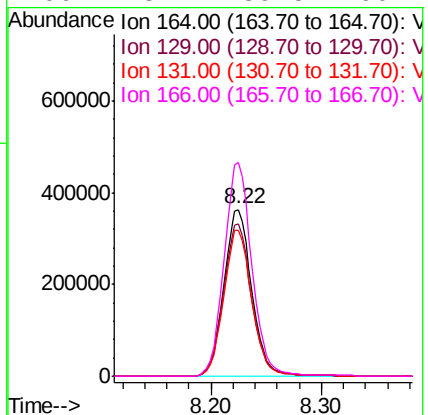
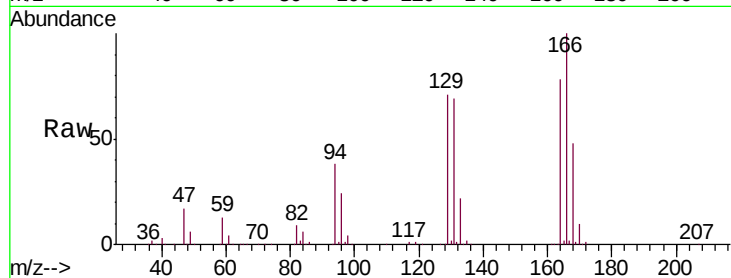




#46
Tetrachloroethene
Concen: 199.400 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030322.D
Acq: 22 Mar 2019 20:37

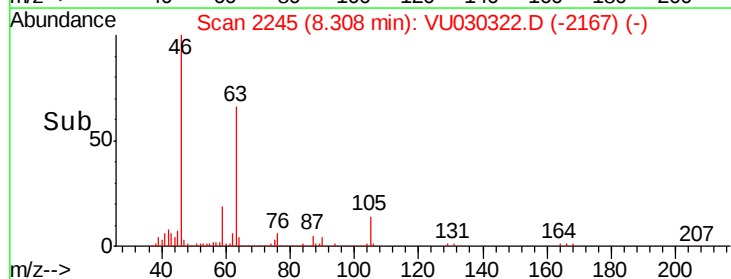
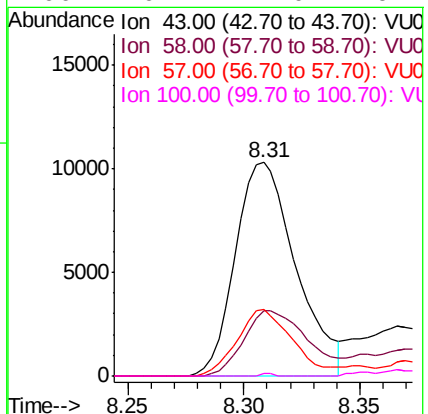
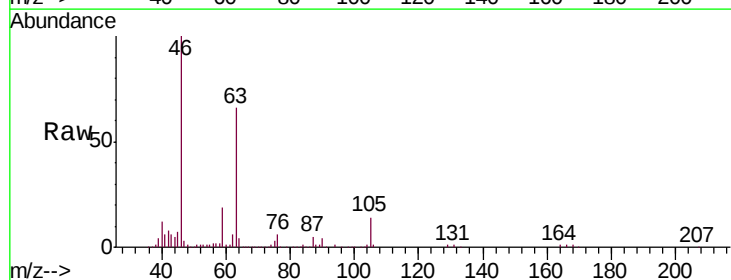
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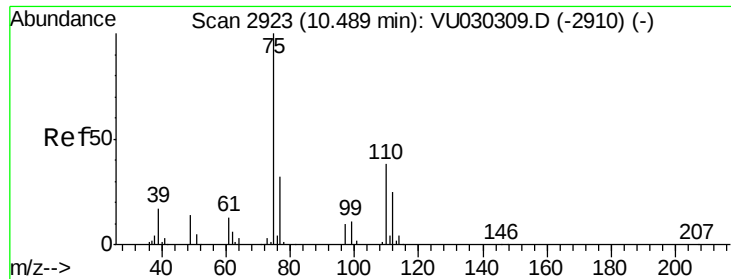
Tgt Ion:	164	Resp:	637866
Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.4	119.6
131	87.9	63.2	117.4
166	128.1	89.5	166.1



#48
2-Hexanone
Concen: 4.467 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030322.D
Acq: 22 Mar 2019 20:37

Tgt Ion:	43	Resp:	18747
Ion	Ratio	Lower	Upper
43	100		
58	32.1	49.3	73.9#
57	29.2	17.0	25.4#
100	0.2	11.0	16.4#





#59

1,2,3-Trichloropropane

Concen: 4.941 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030322.D

Acq: 22 Mar 2019 20:37

Instrument :

MSVOA_U

ClientSampleId :

BF1D6

Tgt Ion: 75 Resp: 24567

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

