

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029931.D
 Acq On : 09 Mar 2019 19:34
 Operator : JC/SP
 Sample : K1838-04
 Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1J2

Quant Time: Mar 11 02:26:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	575946	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	569531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	291325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146943	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.70	69	163	0.06	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.31	63	83	0.01	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.20	46	228172	83.81	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.81%
24) Chloroform-d	4.64	84	268361	39.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	5.30	65	166175	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.94%
32) Benzene-d6	5.33	84	597777	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
36) 1,2-Dichloropropane-d6	6.32	67	179729	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.86%
41) Toluene-d8	7.56	98	551886	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.85	79	82160	39.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.20%
47) 2-Hexanone-d5	8.33	63	204438	88.63	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292154	43.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	238913	41.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.62%

Target Compounds

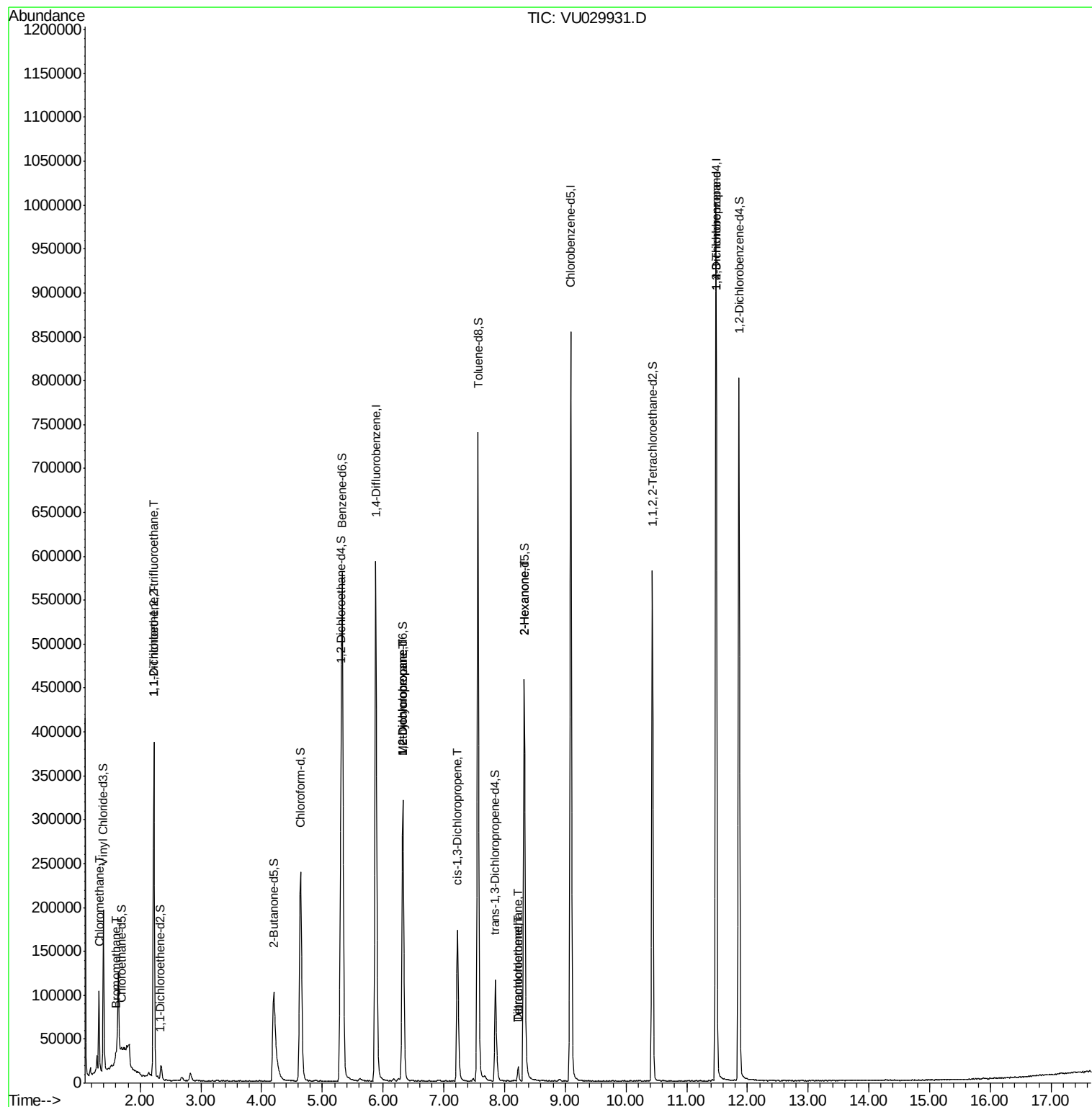
					Qvalue
3) Chloromethane	1.32	50	66811	11.492	ug/L 99
6) Bromomethane	1.60	94	3482	2.916	ug/L 89
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2098	0.572	ug/L # 21
12) 1,1-Dichloroethene	2.22	96	2293	0.644	ug/L # 1
35) Methylcyclohexane	6.32	83	40776	6.232	ug/L # 22
37) 1,2-Dichloropropane	6.32	63	17424	4.395	ug/L # 87
39) cis-1,3-Dichloropropene	7.22	75	4285	0.710	ug/L # 74
46) Tetrachloroethene	8.22	164	3874	1.097	ug/L 98
48) 2-Hexanone	8.32	43	22280	4.985	ug/L # 63
49) Dibromochloromethane	8.22	129	3323	0.754	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	29594	5.631	ug/L 99

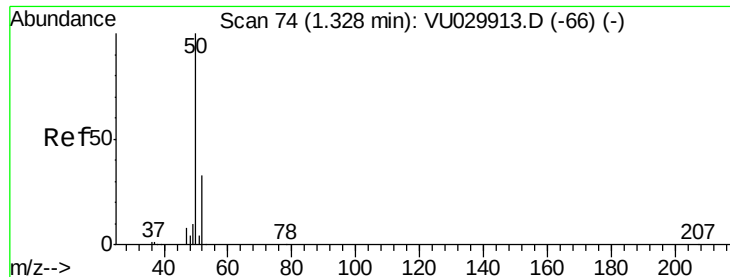
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 11.492 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029931.D

Acq: 09 Mar 2019 19:34

Instrument :

MSVOA_U

ClientSampled :

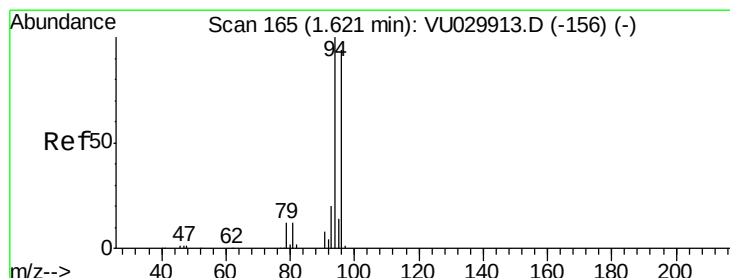
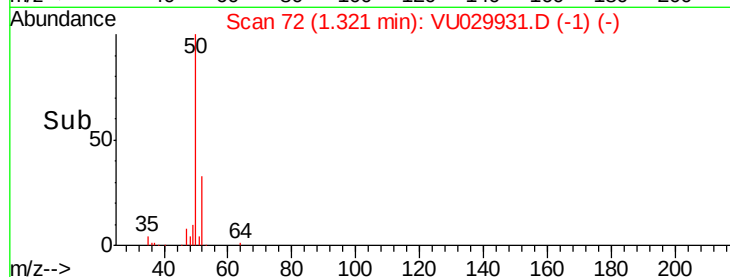
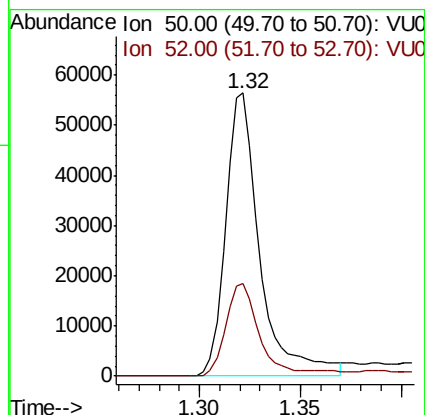
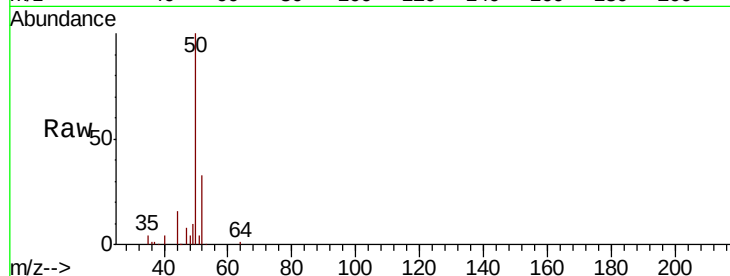
BF1J2

Tgt Ion: 50 Resp: 66811

Ion Ratio Lower Upper

50 100

52 32.7 23.1 42.9



#6

Bromomethane

Concen: 2.916 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029931.D

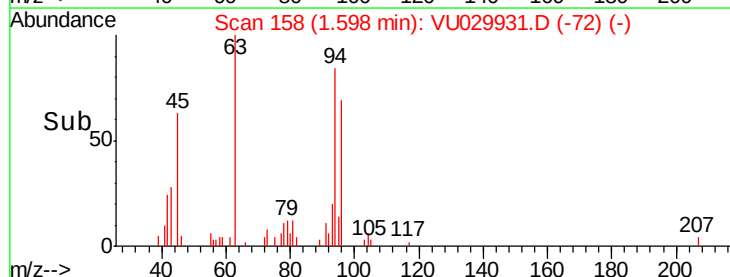
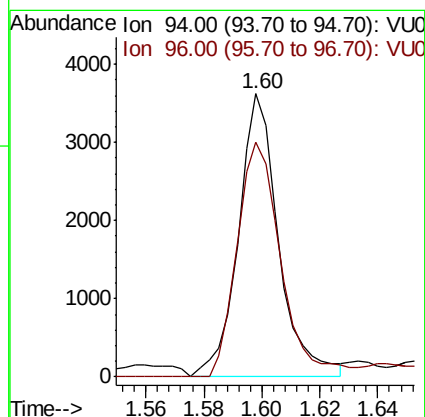
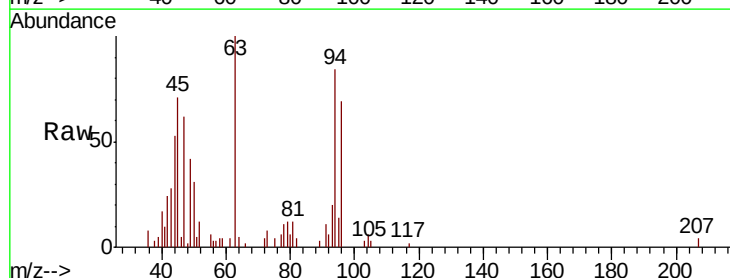
Acq: 09 Mar 2019 19:34

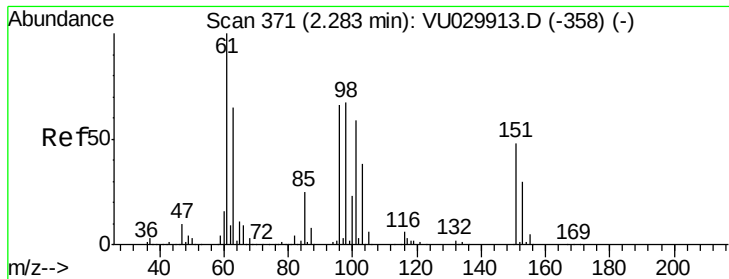
Tgt Ion: 94 Resp: 3482

Ion Ratio Lower Upper

94 100

96 83.1 65.7 121.9





#10

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

Concen: 0.572 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.06 min

Lab File: VU029931.D

Acq: 09 Mar 2019 19:34

Instrument :

MSVOA_U

ClientSampleId :

BF1J2

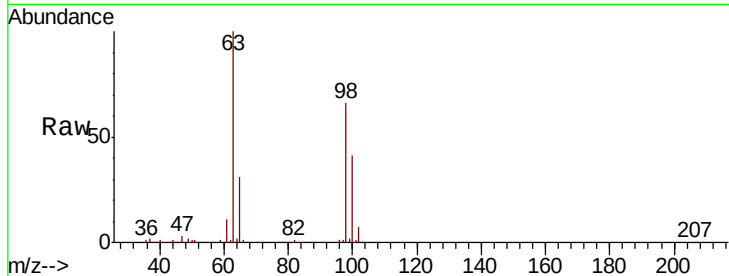
Tgt Ion: 101 Resp: 2098

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

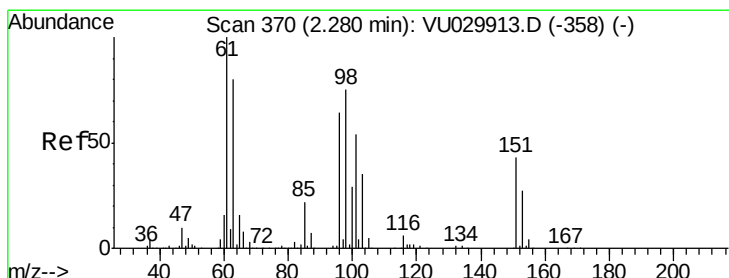
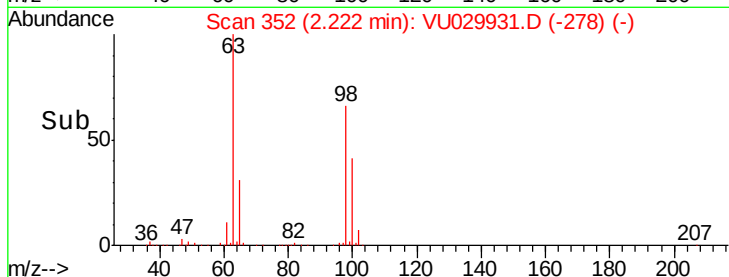
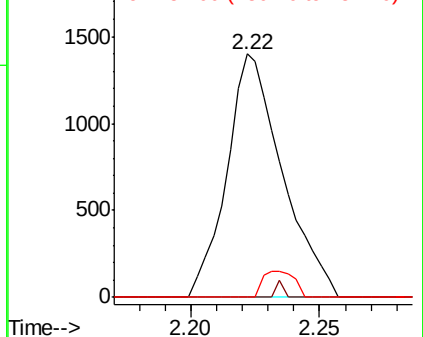
151 6.1 65.8 98.6#



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: 0.644 ug/L

RT: 2.22 min Scan# 353

Delta R.T. -0.05 min

Lab File: VU029931.D

Acq: 09 Mar 2019 19:34

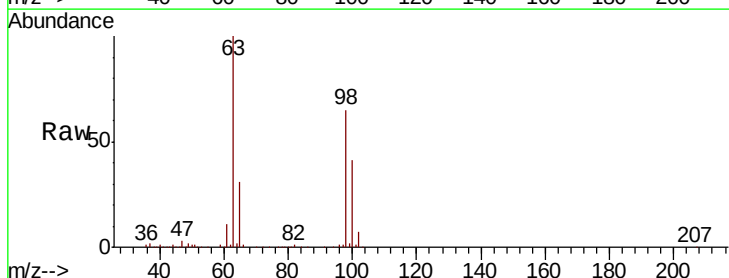
Tgt Ion: 96 Resp: 2293

Ion Ratio Lower Upper

96 100

61 968.4 109.0 202.4#

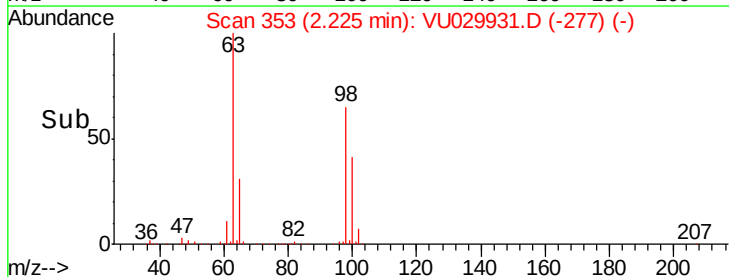
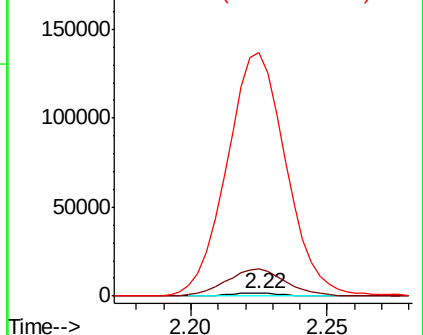
63 8833.6 88.1 163.5#

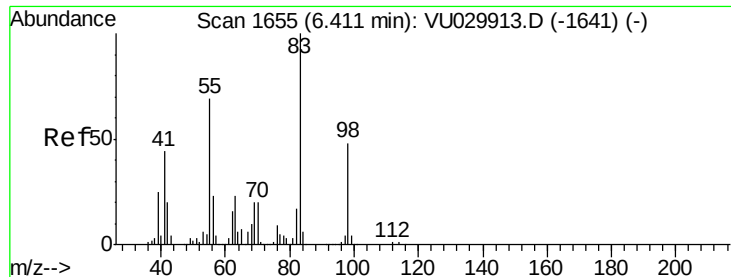


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

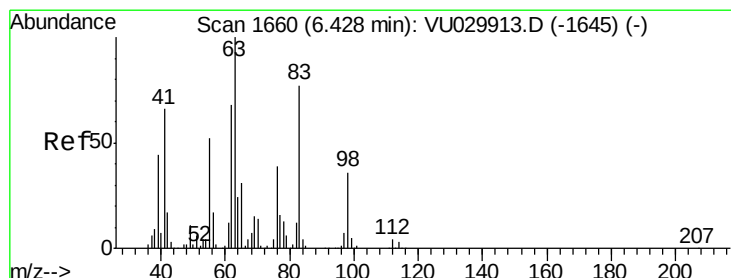
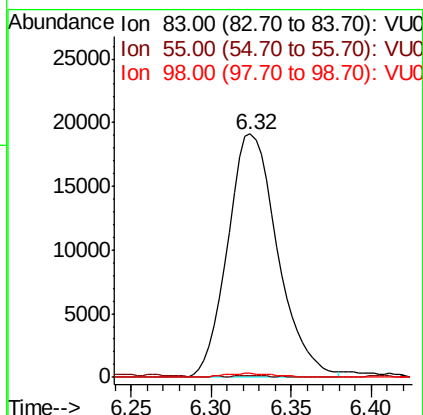
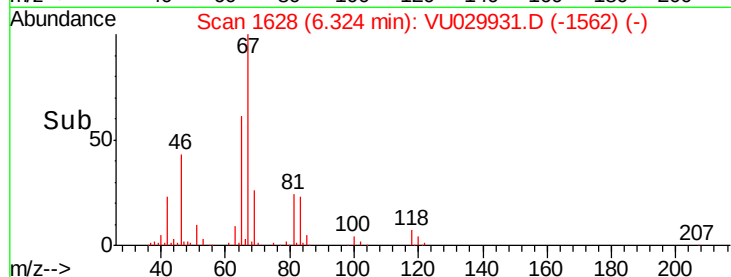
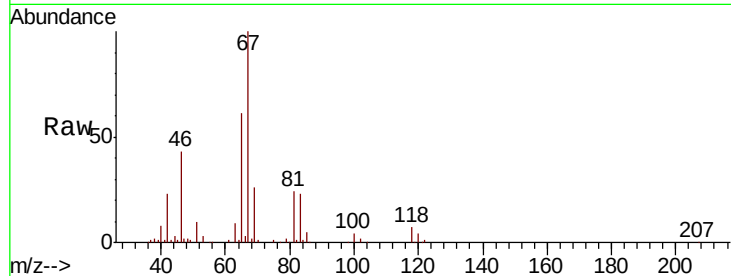




#35
Methylcyclohexane
Concen: 6.232 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU029931.D
Acq: 09 Mar 2019 19:34

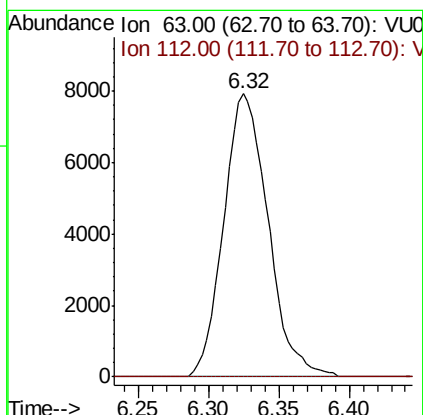
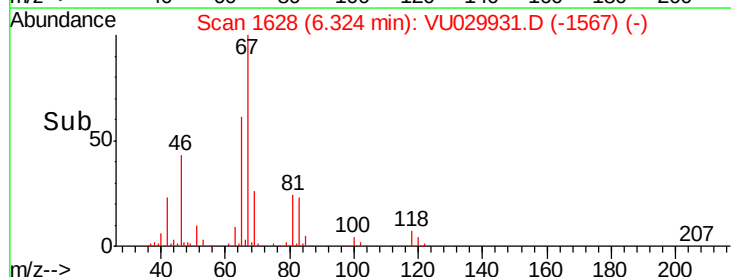
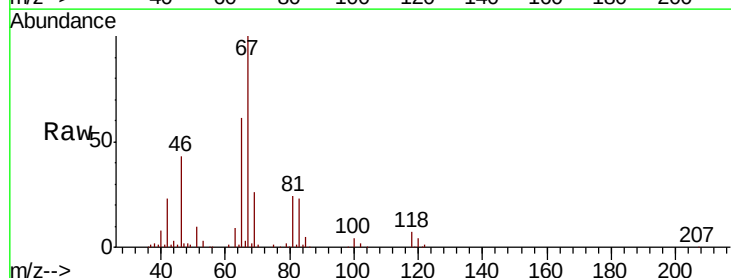
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ClientSampleId :
BF1J2

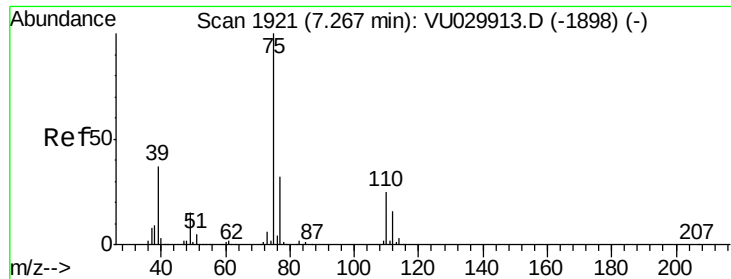
Tgt Ion: 83 Resp: 40776
Ion Ratio Lower Upper
83 100
55 0.4 55.5 83.3#
98 1.3 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 4.395 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU029931.D
Acq: 09 Mar 2019 19:34

Tgt Ion: 63 Resp: 17424
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

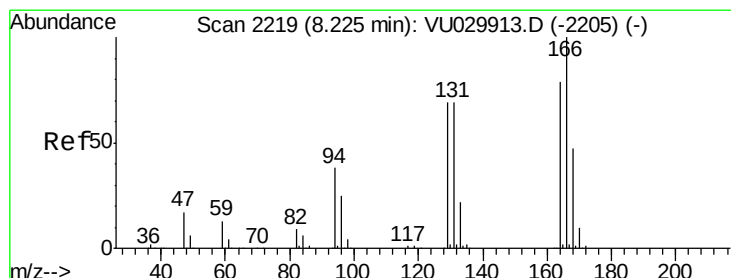
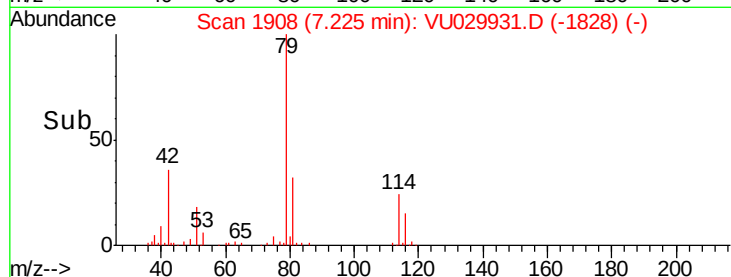
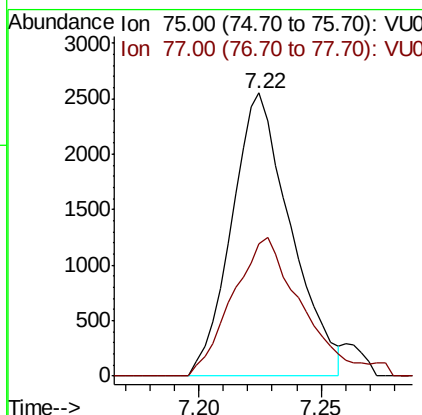
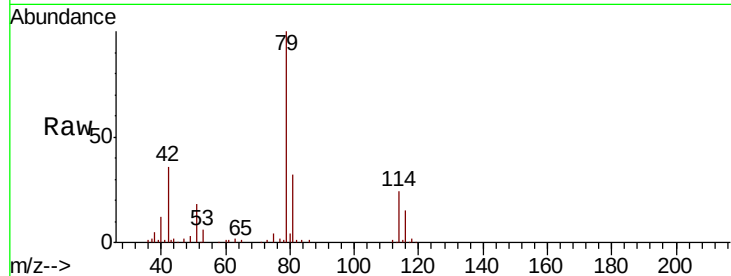




#39
 cis-1,3-Dichloropropene
 Concen: 0.710 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029931.D
 Acq: 09 Mar 2019 19:34

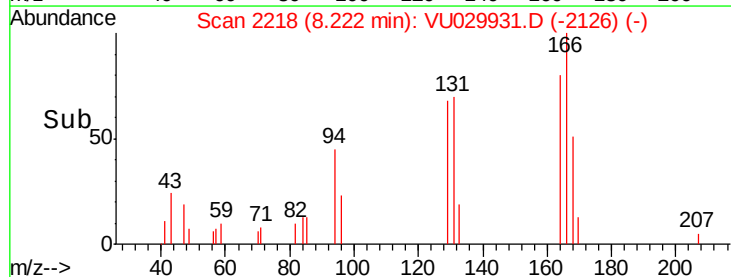
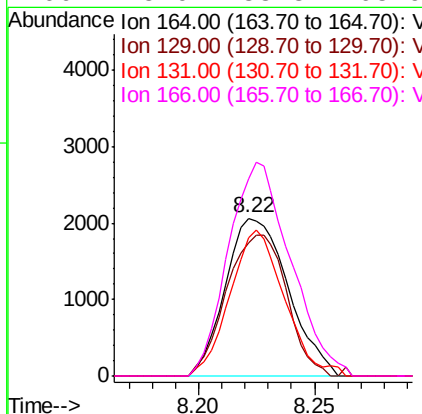
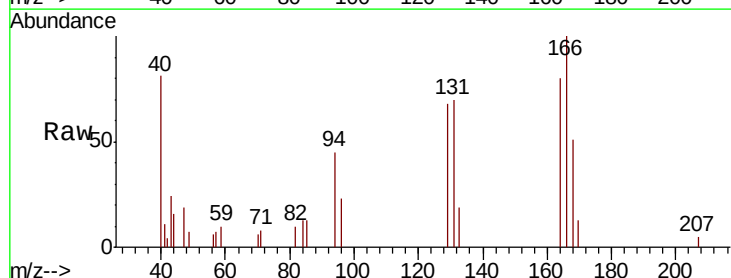
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1J2

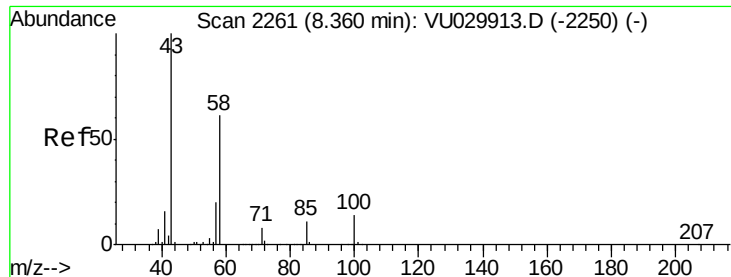
Tgt Ion: 75 Resp: 4285
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.5 41.9#



#46
 Tetrachloroethene
 Concen: 1.097 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU029931.D
 Acq: 09 Mar 2019 19:34

Tgt Ion: 164 Resp: 3874
 Ion Ratio Lower Upper
 164 100
 129 84.8 61.0 113.2
 131 87.8 60.5 112.3
 166 125.0 88.3 163.9

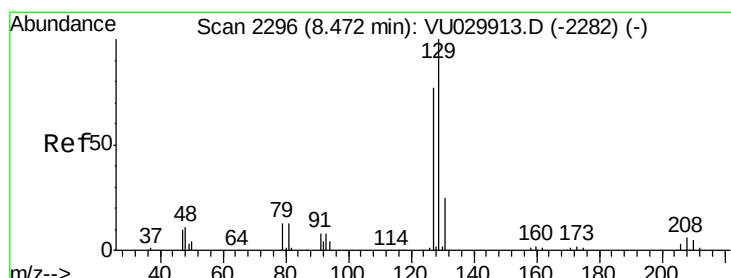
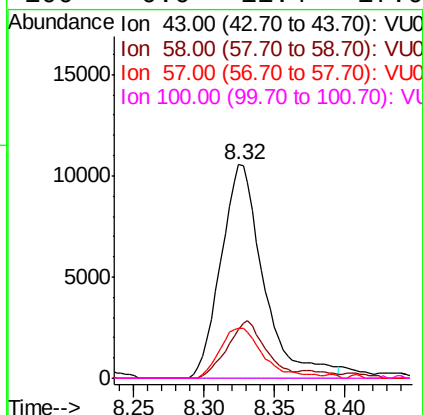
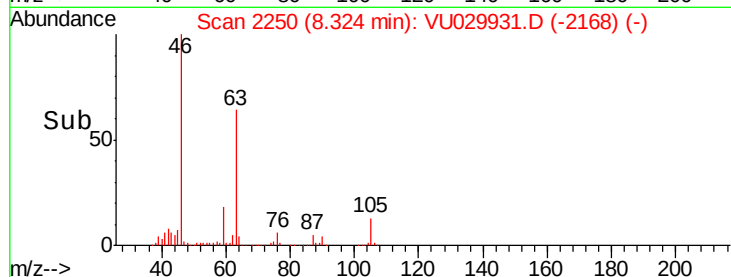
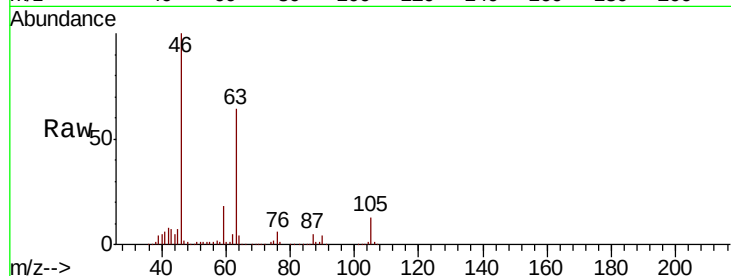




#48
2-Hexanone
Concen: 4.985 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU029931.D
Acq: 09 Mar 2019 19:34

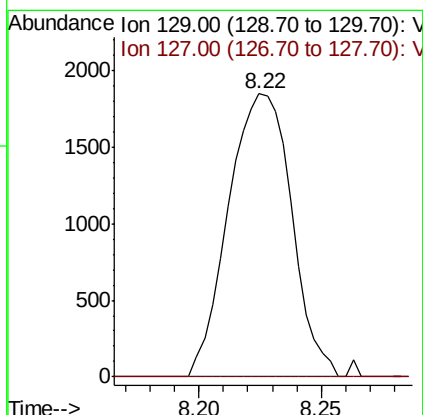
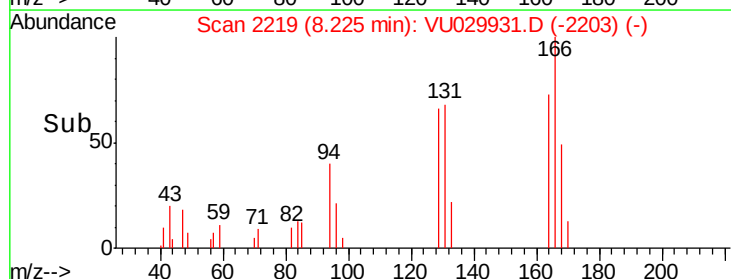
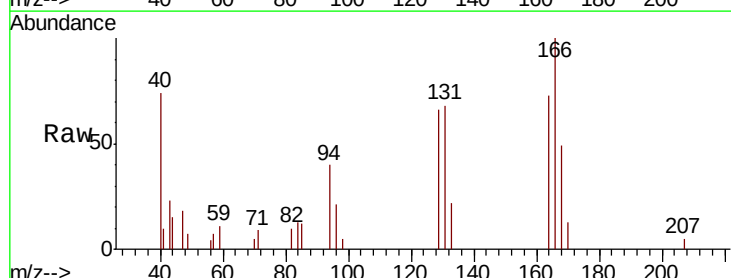
Instrument :
MSVOA_U
ClientSampleId :
BF1J2

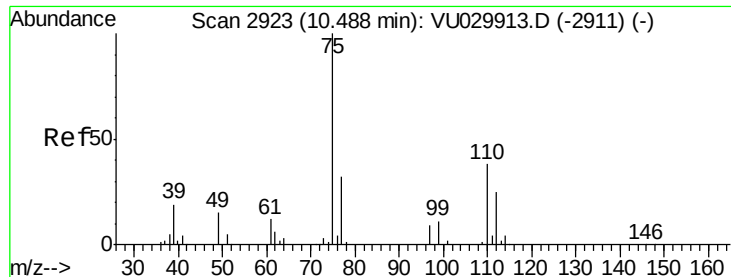
Tgt Ion: 43 Resp: 22280
Ion Ratio Lower Upper
43 100
58 24.3 49.2 73.8#
57 23.5 16.6 25.0
100 0.0 11.4 17.0#



#49
Dibromochloromethane
Concen: 0.754 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029931.D
Acq: 09 Mar 2019 19:34

Tgt Ion: 129 Resp: 3323
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#





#59

1,2,3-Trichloropropane

Concen: 5.631 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029931.D

Acq: 09 Mar 2019 19:34

Instrument :

MSVOA_U

ClientSampleId :

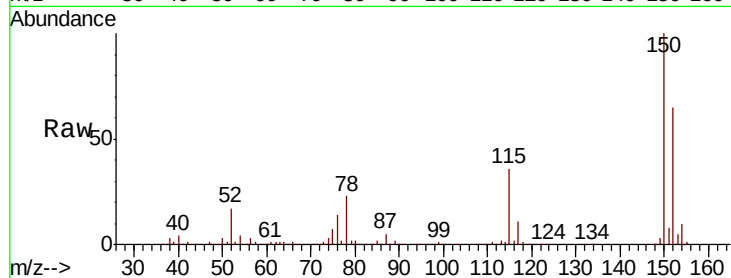
BF1J2

Tgt Ion: 75 Resp: 29594

Ion Ratio Lower Upper

75 100

77 32.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

