

Data File : VU029950.D
Acq On : 10 Mar 2019 15:39
Operator : JC/SP
Sample : K1818-13ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R3ME

Quant Time: Mar 11 07:14:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	586884	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294727	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143368	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.08%
7) Chloroethane-d5	1.69	69	91	0.03	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.33	63	84	0.01	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.20	46	250711	90.37	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.37%
24) Chloroform-d	4.64	84	286469	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.22%
26) 1,2-Dichloroethane-d4	5.30	65	179517	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
32) Benzene-d6	5.33	84	638427	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.32	67	193925	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.62%
41) Toluene-d8	7.56	98	593189	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	7.85	79	88905	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
47) 2-Hexanone-d5	8.32	63	222874	94.65	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319083	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	254368	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

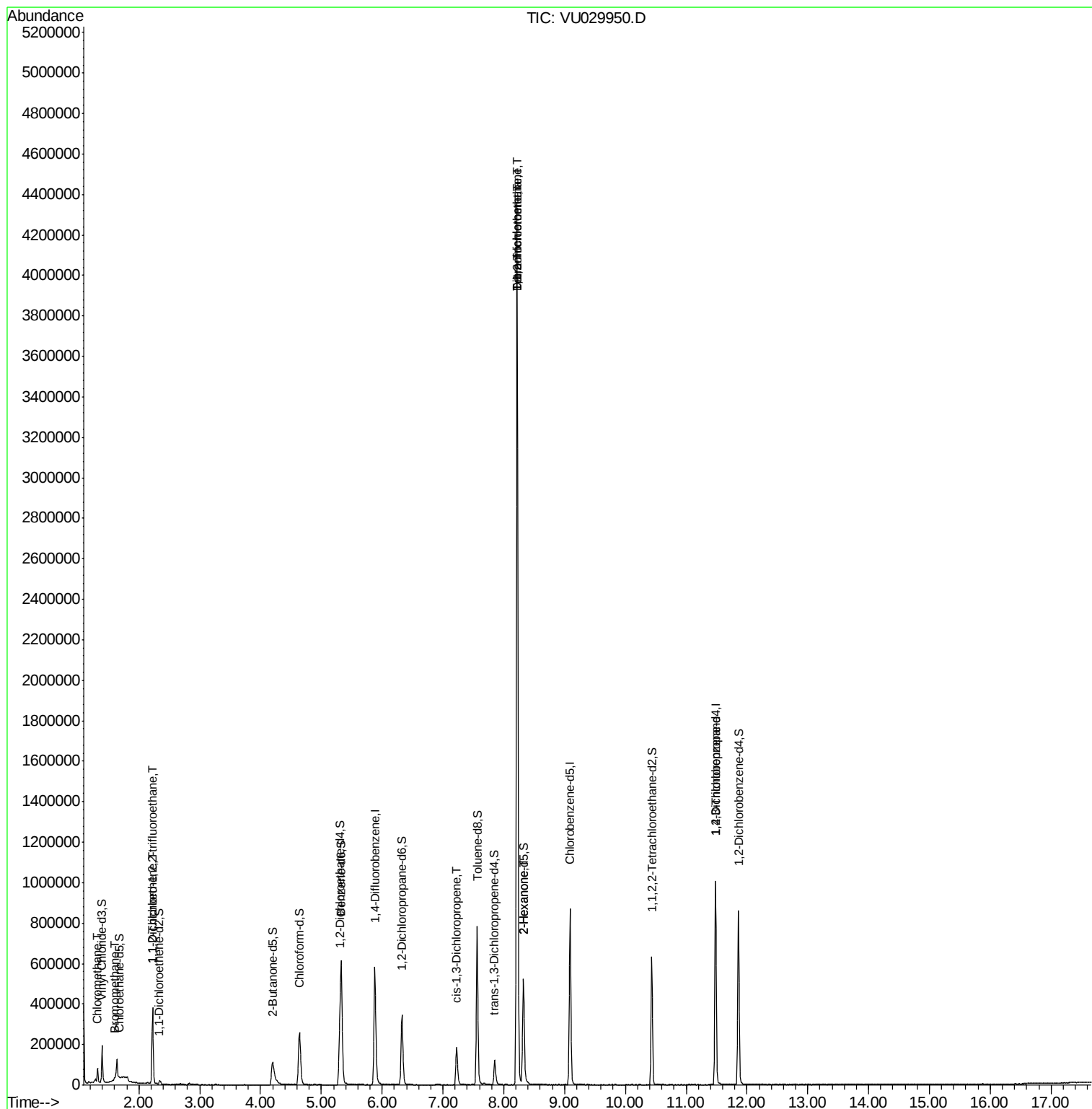
					Qvalue
3) Chloromethane	1.32	50	52794	8.912	ug/L 98
6) Bromomethane	1.60	94	3055	2.511	ug/L 91
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2496	0.667	ug/L # 27
12) 1,1-Dichloroethene	2.23	96	2887	0.795	ug/L # 1
39) cis-1,3-Dichloropropene	7.22	75	4483	0.728	ug/L # 50
45) 1,1,2-Trichloroethane	8.22	97	7574	1.843	ug/L # 1
46) Tetrachloroethene	8.22	164	1072938	297.613	ug/L 97
48) 2-Hexanone	8.32	43	22919	5.023	ug/L # 66
49) Dibromochloromethane	8.22	129	970194	215.734	ug/L # 11
59) 1,2,3-Trichloropropane	11.49	75	28695	5.348	ug/L 94

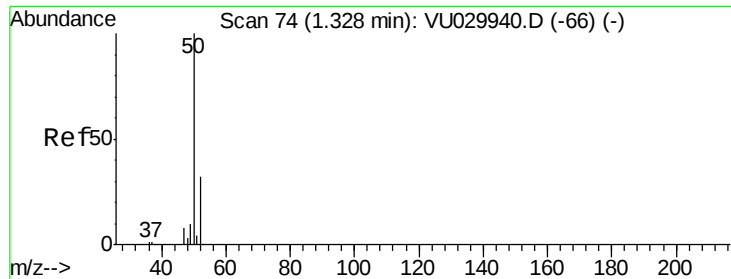
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029950.D
Acq On : 10 Mar 2019 15:39
Operator : JC/SP
Sample : K1818-13ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R3ME

Quant Time: Mar 11 07:14:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 8.912 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029950.D

Acq: 10 Mar 2019 15:39

Instrument :

MSVOA_U

ClientSampleId :

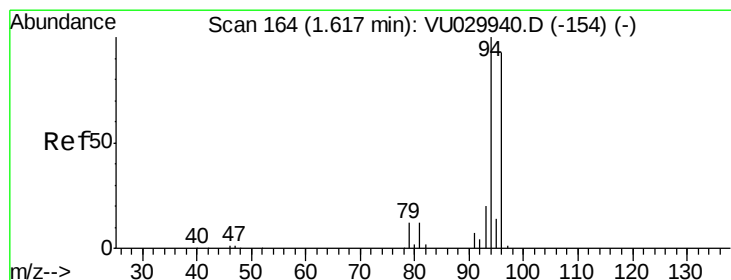
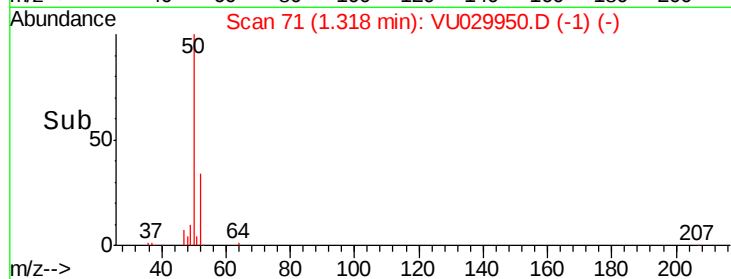
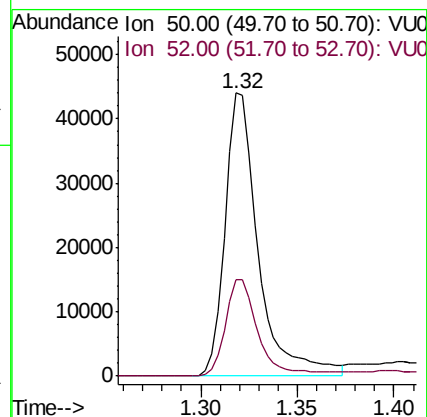
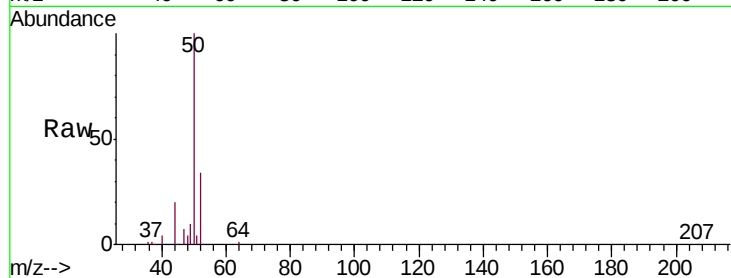
BF0R3ME

Tgt Ion: 50 Resp: 52794

Ion Ratio Lower Upper

50 100

52 33.9 23.1 42.9



#6

Bromomethane

Concen: 2.511 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029950.D

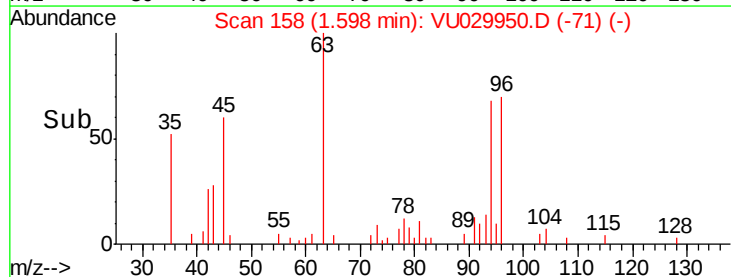
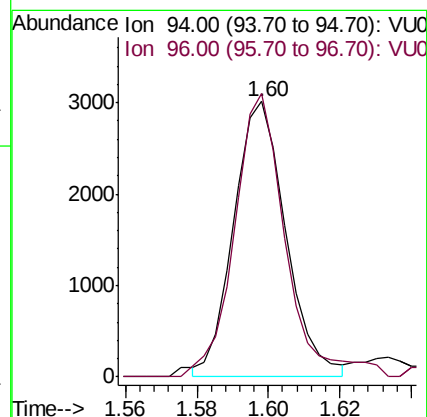
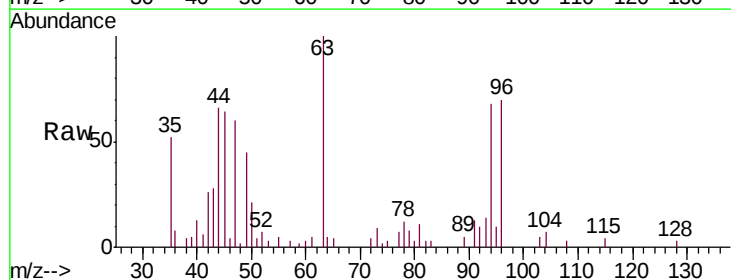
Acq: 10 Mar 2019 15:39

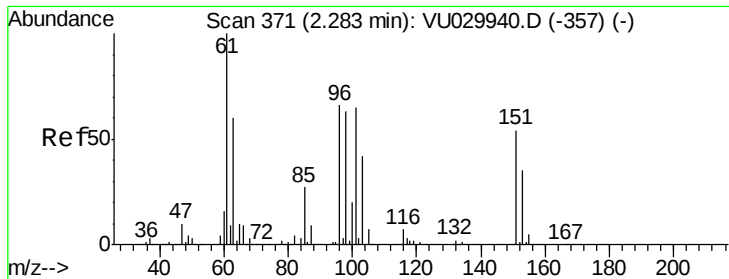
Tgt Ion: 94 Resp: 3055

Ion Ratio Lower Upper

94 100

96 102.9 65.7 121.9





#10

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

Concen: 0.667 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU029950.D

Acq: 10 Mar 2019 15:39

Instrument :

MSVOA_U

ClientSampleId :

BF0R3ME

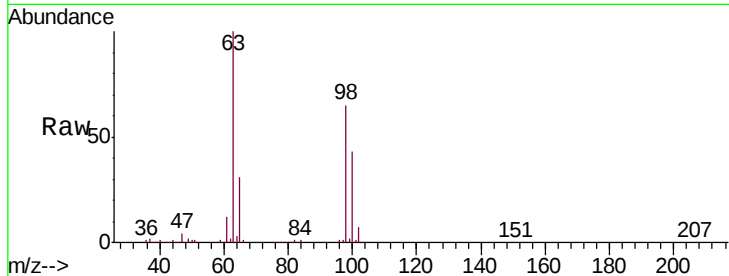
Tgt Ion: 101 Resp: 2496

Ion Ratio Lower Upper

101 100

85 5.8 33.4 50.2#

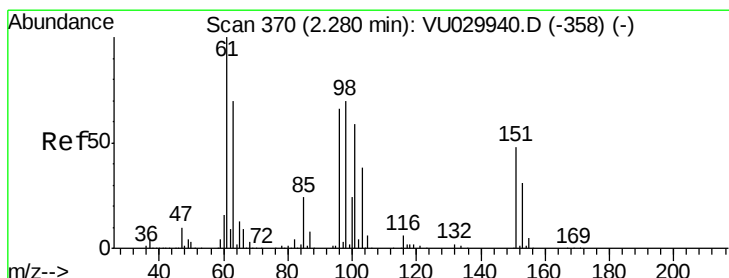
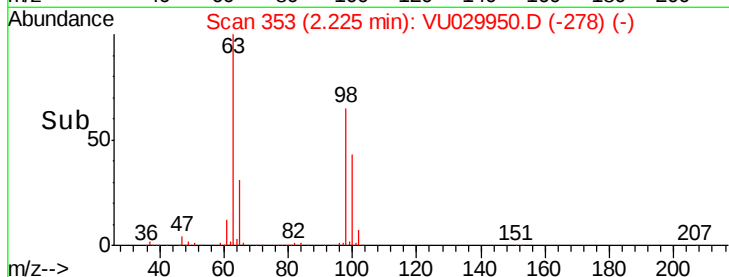
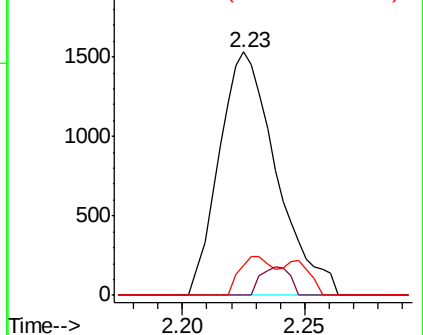
151 9.1 65.8 98.6#



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: 0.795 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU029950.D

Acq: 10 Mar 2019 15:39

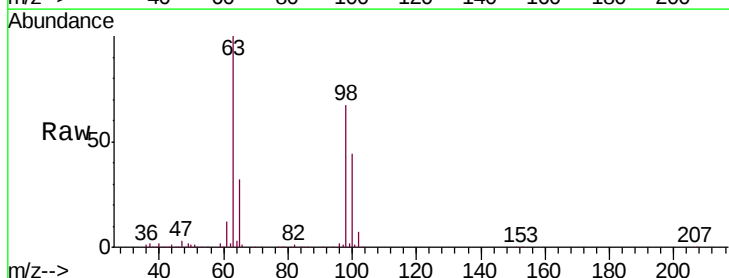
Tgt Ion: 96 Resp: 2887

Ion Ratio Lower Upper

96 100

61 802.3 109.0 202.4#

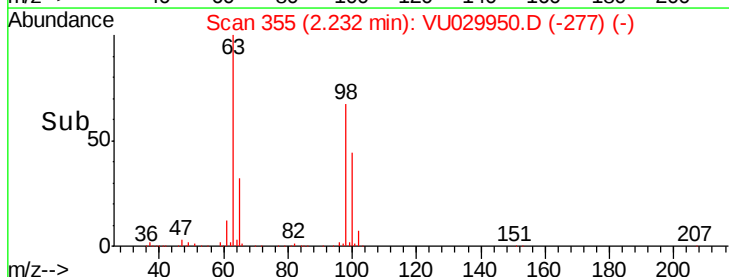
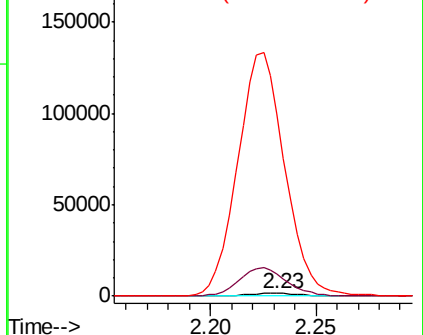
63 6491.2 88.1 163.5#

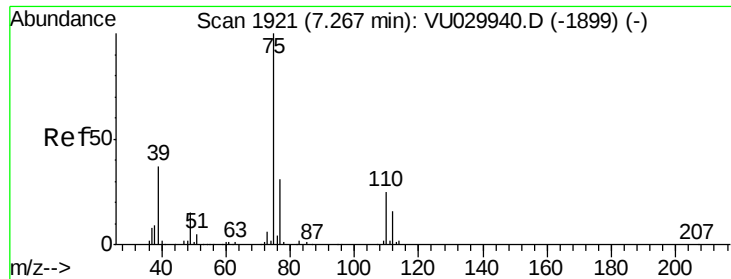


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

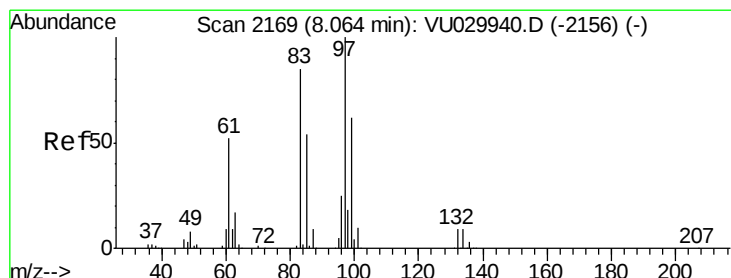
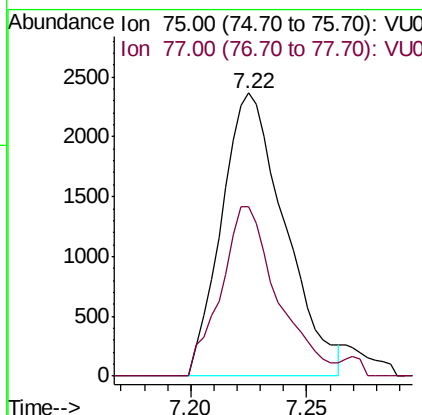
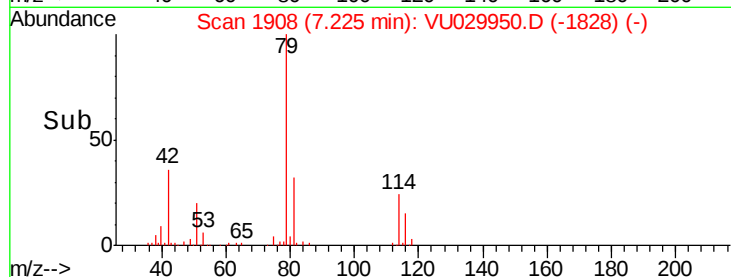
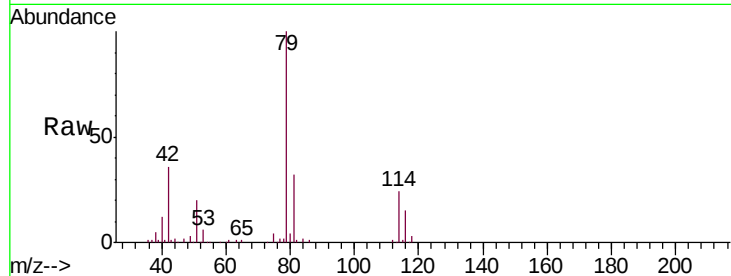




#39
 cis-1,3-Dichloropropene
 Concen: 0.728 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029950.D
 Acq: 10 Mar 2019 15:39

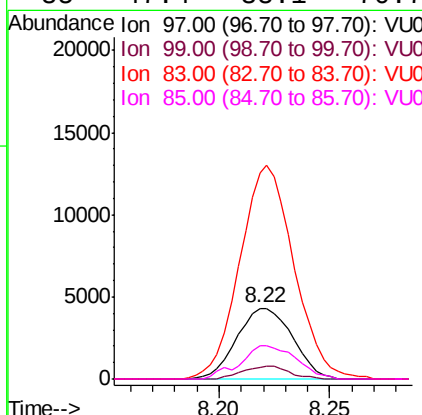
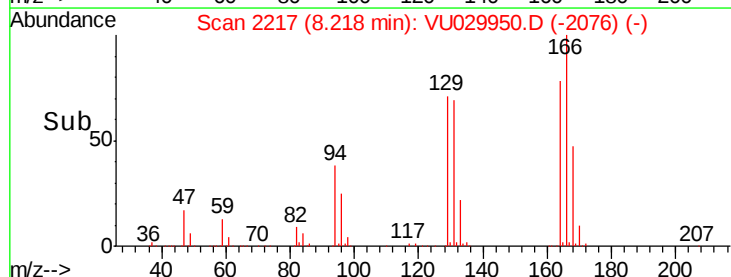
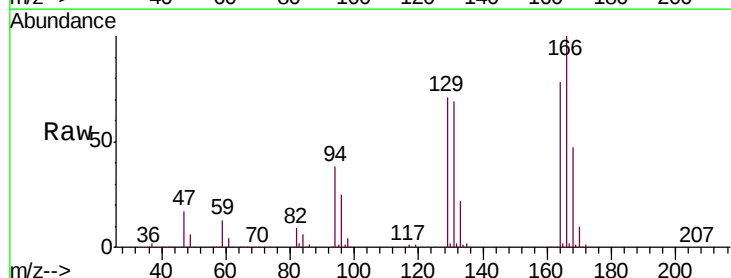
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0R3ME

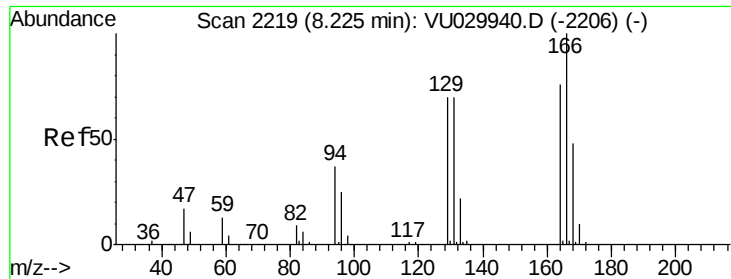
Tgt Ion: 75 Resp: 4483
 Ion Ratio Lower Upper
 75 100
 77 59.9 22.5 41.9#



#45
 1,1,2-Trichloroethane
 Concen: 1.843 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.15 min
 Lab File: VU029950.D
 Acq: 10 Mar 2019 15:39

Tgt Ion: 97 Resp: 7574
 Ion Ratio Lower Upper
 97 100
 99 16.1 43.7 81.1#
 83 290.8 60.8 112.8#
 85 47.4 38.1 70.7

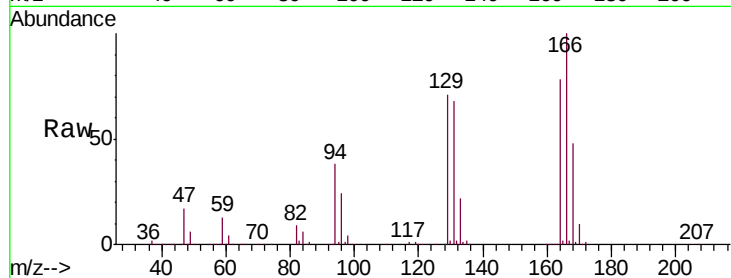




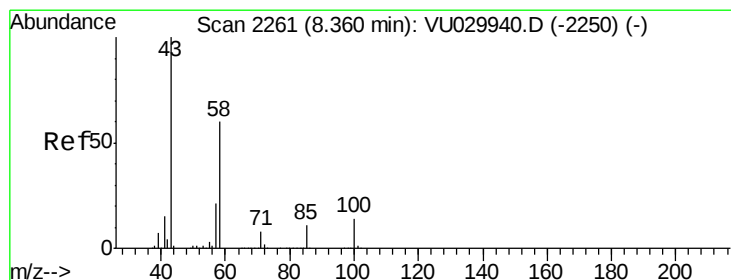
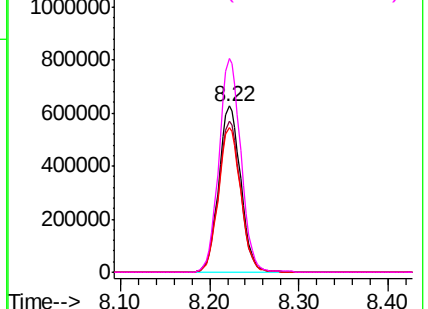
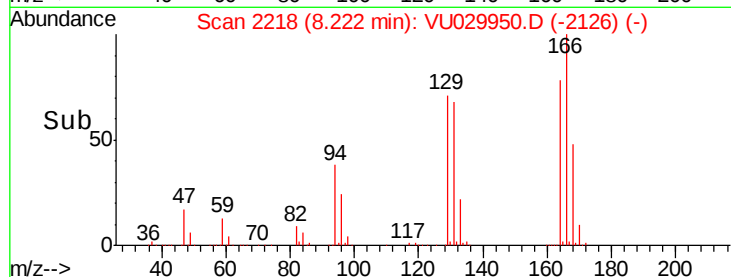
#46
Tetrachloroethene
Concen: 297.613 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029950.D
Acq: 10 Mar 2019 15:39

Instrument :
MSVOA_U
ClientSampleId :
BF0R3ME

Tgt Ion:164 Resp: 1072938
Ion Ratio Lower Upper
164 100
129 91.2 61.0 113.2
131 87.6 60.5 112.3
166 128.8 88.3 163.9

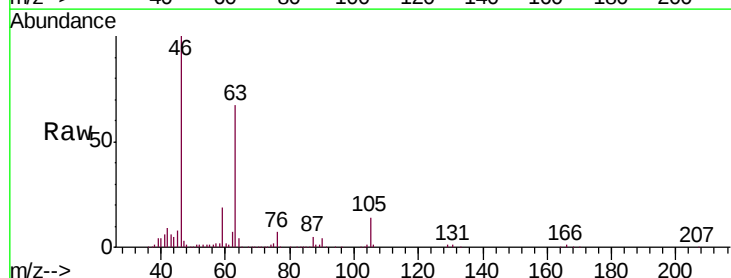


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

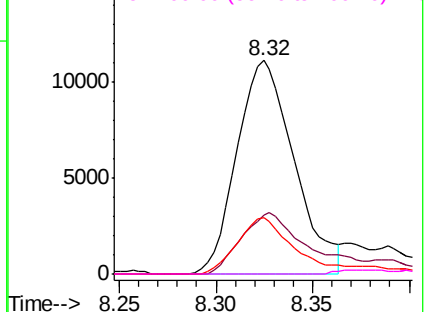
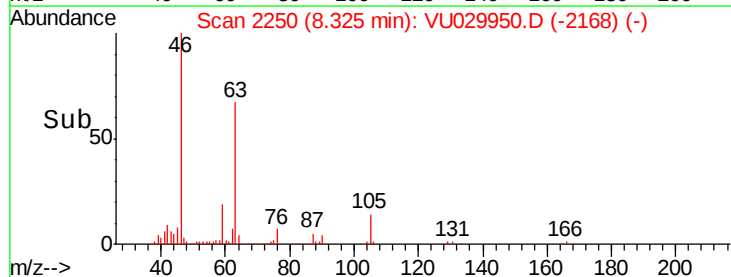


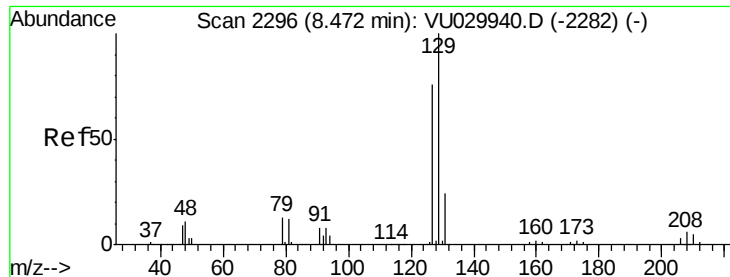
#48
2-Hexanone
Concen: 5.023 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU029950.D
Acq: 10 Mar 2019 15:39

Tgt Ion: 43 Resp: 22919
Ion Ratio Lower Upper
43 100
58 29.6 49.2 73.8#
57 26.0 16.6 25.0#
100 0.7 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 215.734 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU029950.D

Acq: 10 Mar 2019 15:39

Instrument :

MSVOA_U

ClientSampleId :

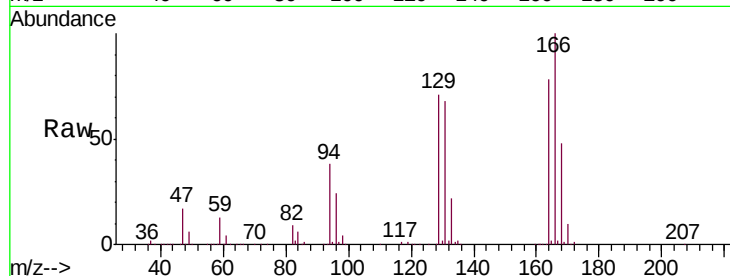
BF0R3ME

Tgt Ion:129 Resp: 970194

Ion Ratio Lower Upper

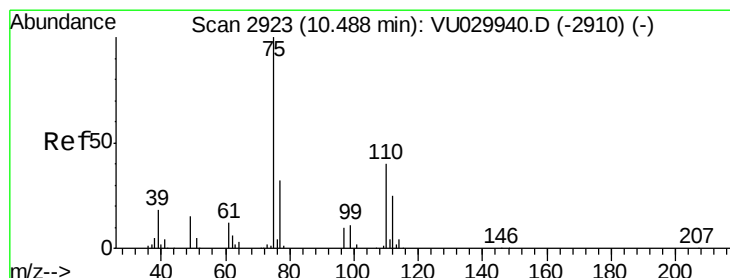
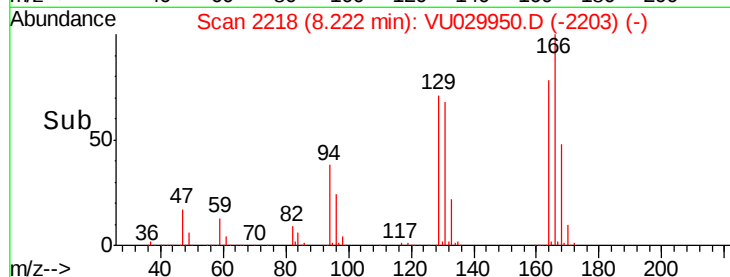
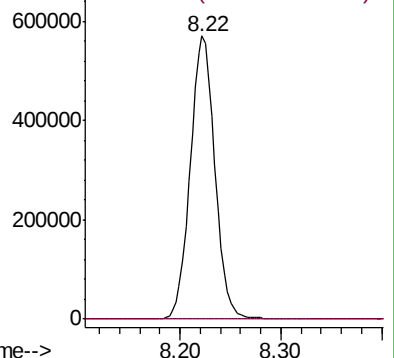
129 100

127 0.0 54.3 100.8#



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: 5.348 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 1.00 min

Lab File: VU029950.D

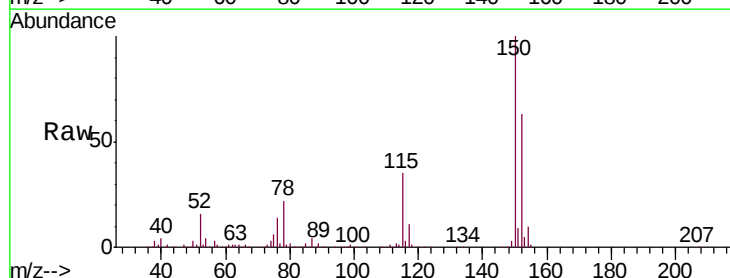
Acq: 10 Mar 2019 15:39

Tgt Ion: 75 Resp: 28695

Ion Ratio Lower Upper

75 100

77 35.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

