

Data File : VU029945.D
Acq On : 10 Mar 2019 13:42
Operator : JC/SP
Sample : K1838-03
Misc : 5.47g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0S4

Quant Time: Mar 11 07:13:52 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	582724	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	575099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	291239	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	167875	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.44%
7) Chloroethane-d5	1.70	69	81	0.03	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.31	63	49	0.01	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.20	46	284078	103.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.13%
24) Chloroform-d	4.64	84	326925	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.30	65	199377	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.33	84	715101	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.32	67	214461	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.56	98	669012	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%
43) trans-1,3-Dichloropropene-	7.85	79	99536	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.32	63	250578	107.59	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	353773	51.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	278491	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%

Target Compounds

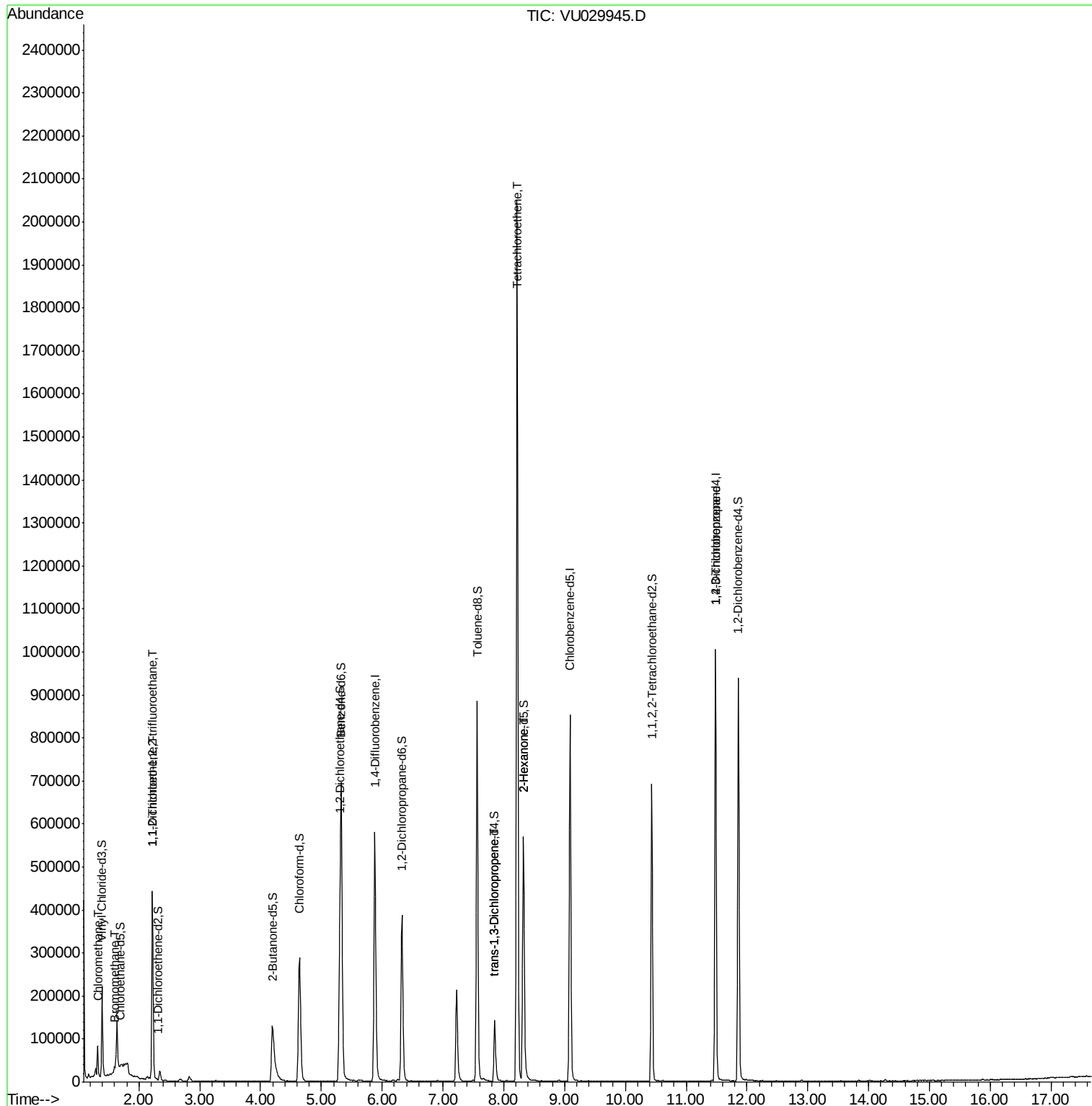
					Qvalue
3) Chloromethane	1.32	50	53184	9.042	ug/L 99
6) Bromomethane	1.60	94	3244	2.685	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2880	0.775	ug/L # 18
12) 1,1-Dichloroethene	2.23	96	2924	0.811	ug/L # 1
44) trans-1,3-Dichloropropene	7.85	75	4185	0.771	ug/L 92
46) Tetrachloroethene	8.22	164	503139	141.100	ug/L 97
48) 2-Hexanone	8.32	43	25746	5.705	ug/L # 64
59) 1,2,3-Trichloropropane	11.48	75	30525	5.752	ug/L 99

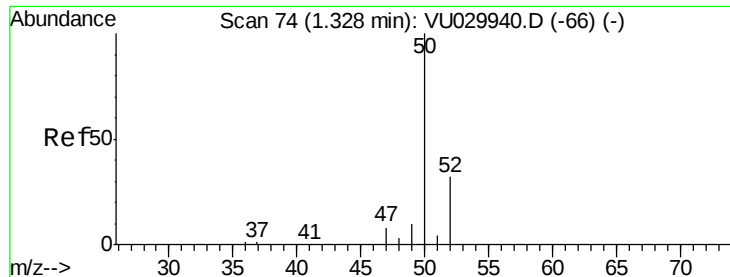
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 9.042 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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Acq: 10 Mar 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

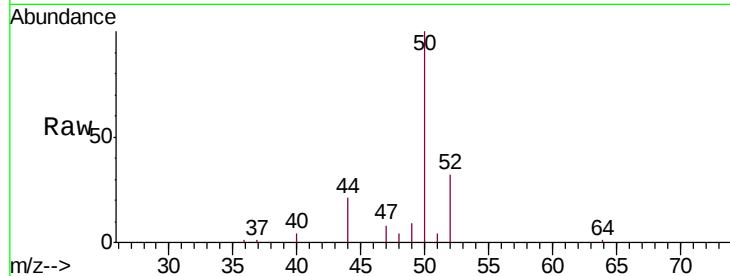
BF0S4

Tgt Ion: 50 Resp: 53184

Ion Ratio Lower Upper

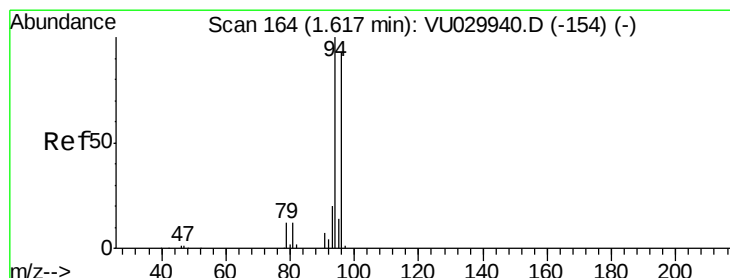
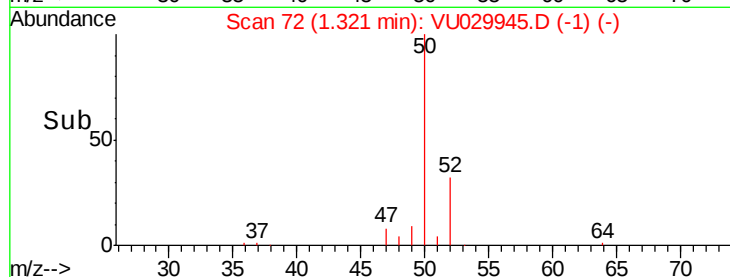
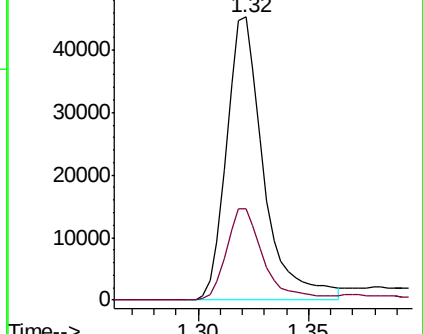
50 100

52 32.4 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.685 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029945.D

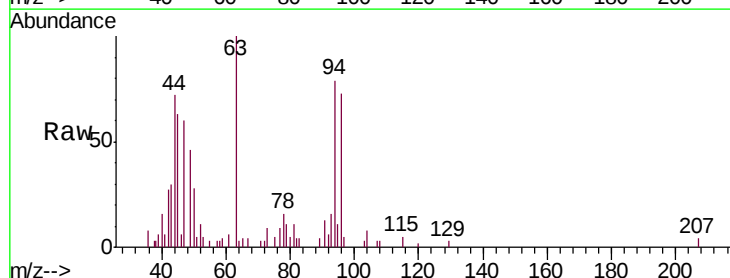
Acq: 10 Mar 2019 13:42

Tgt Ion: 94 Resp: 3244

Ion Ratio Lower Upper

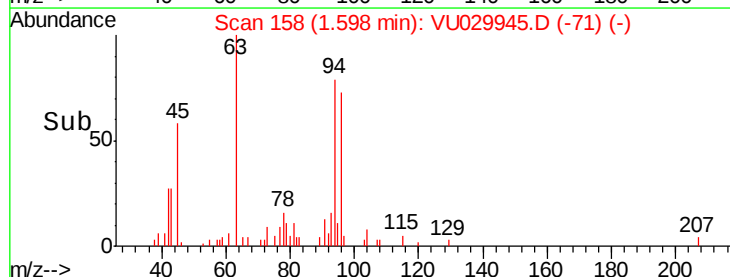
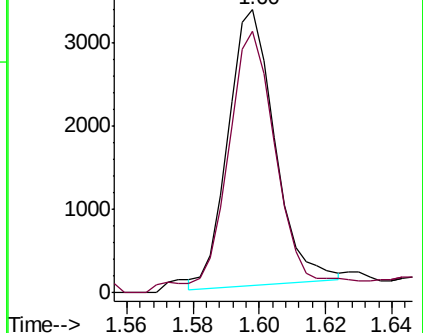
94 100

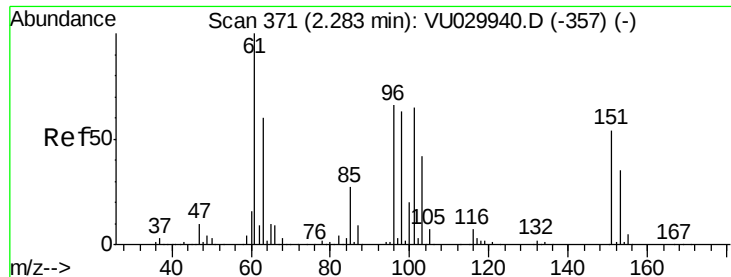
96 92.6 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

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

Concen: 0.775 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.06 min

Lab File: VU029945.D

Acq: 10 Mar 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

BF0S4

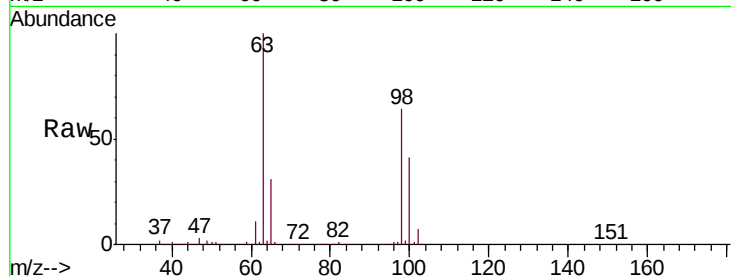
Tgt Ion: 101 Resp: 2880

Ion Ratio Lower Upper

101 100

85 1.5 33.4 50.2#

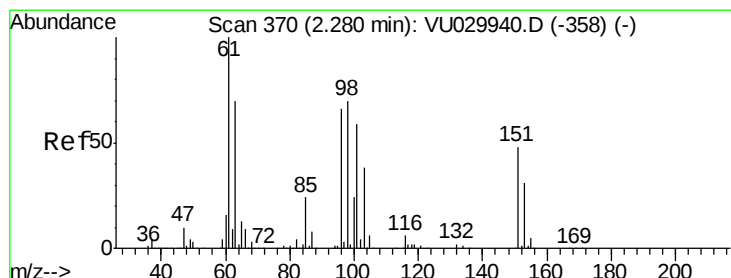
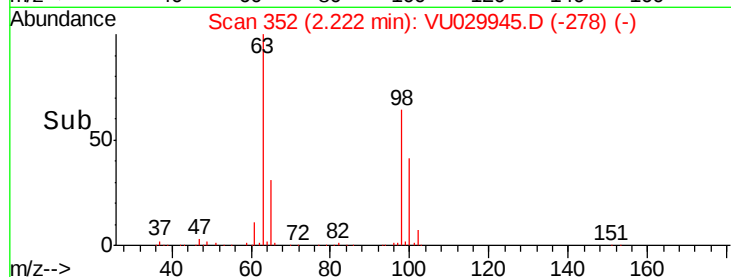
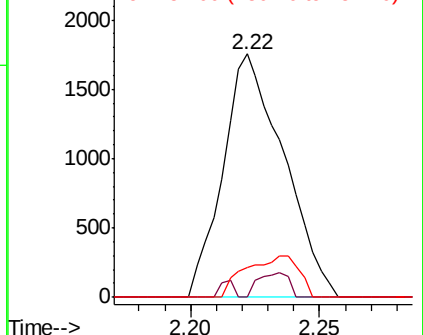
151 0.0 65.8 98.6#



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: 0.811 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU029945.D

Acq: 10 Mar 2019 13:42

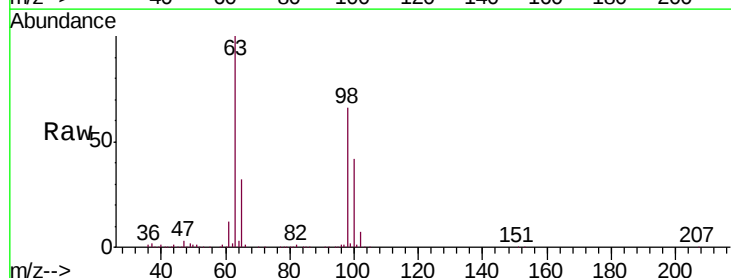
Tgt Ion: 96 Resp: 2924

Ion Ratio Lower Upper

96 100

61 860.7 109.0 202.4#

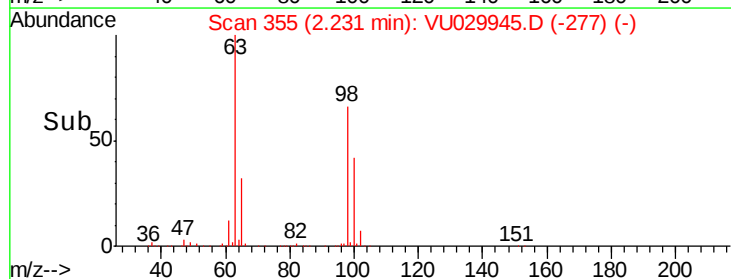
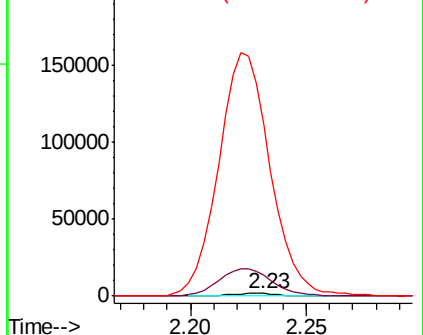
63 7073.8 88.1 163.5#

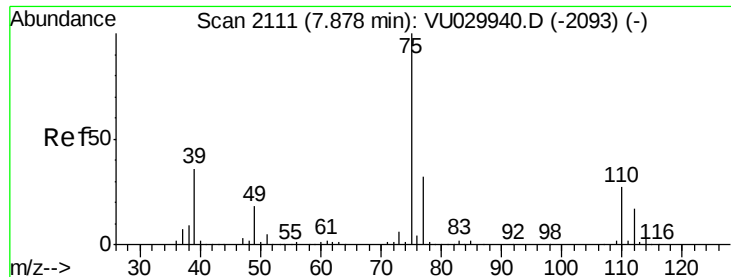


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

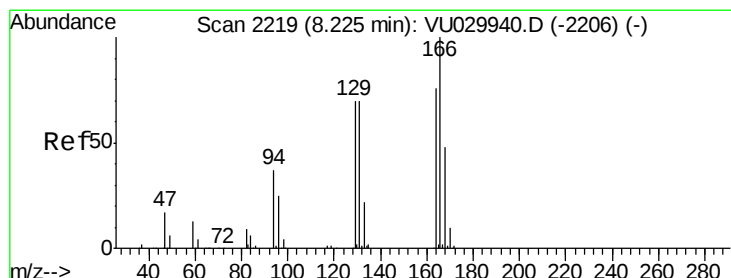
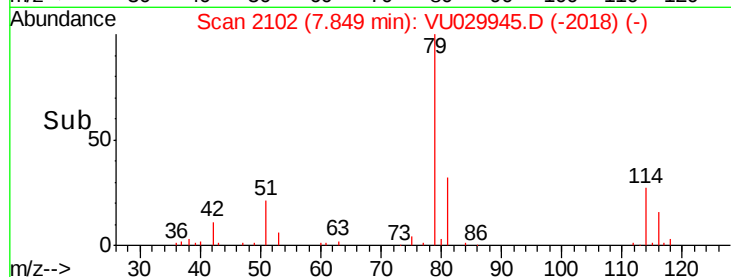
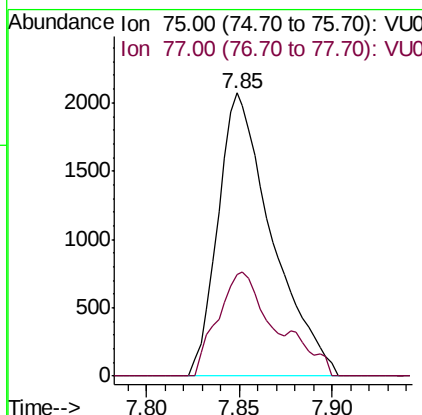
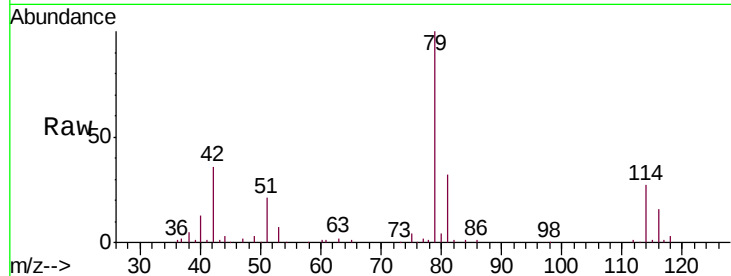




#44
trans-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029945.D
Acq: 10 Mar 2019 13:42

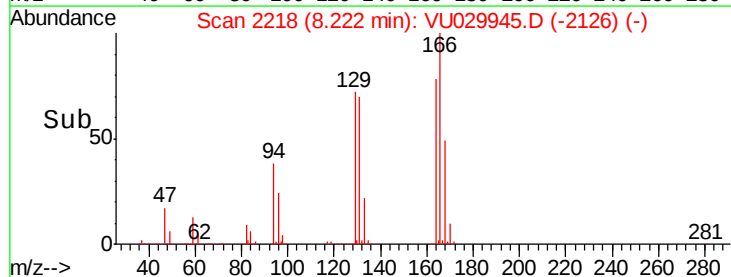
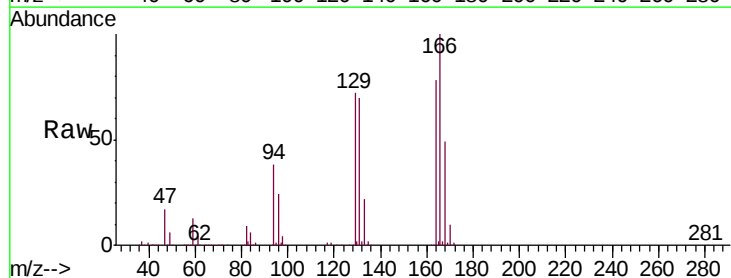
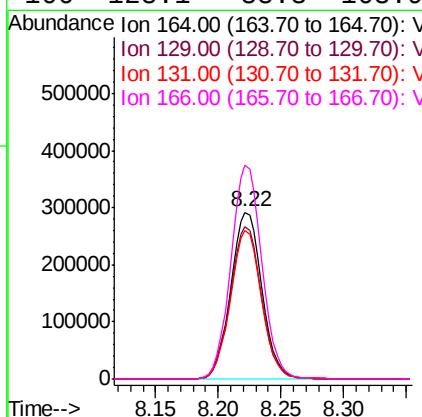
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MSVOA_U
ClientSampleId :
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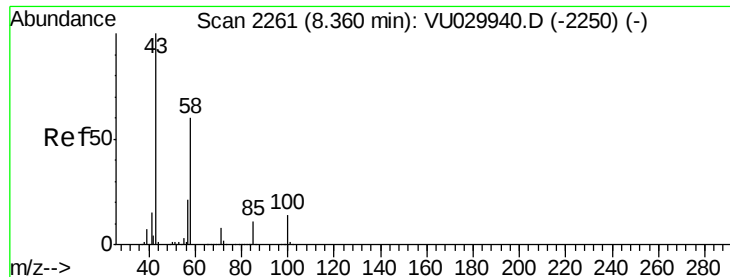
Tgt Ion: 75 Resp: 4185
Ion Ratio Lower Upper
75 100
77 35.7 21.8 40.6



#46
Tetrachloroethene
Concen: 141.100 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029945.D
Acq: 10 Mar 2019 13:42

Tgt Ion: 164 Resp: 503139
Ion Ratio Lower Upper
164 100
129 91.7 61.0 113.2
131 89.2 60.5 112.3
166 128.1 88.3 163.9





#48

2-Hexanone

Concen: 5.705 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.04 min

Lab File: VU029945.D

Acq: 10 Mar 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

BF0S4

Tgt Ion: 43 Resp: 25746

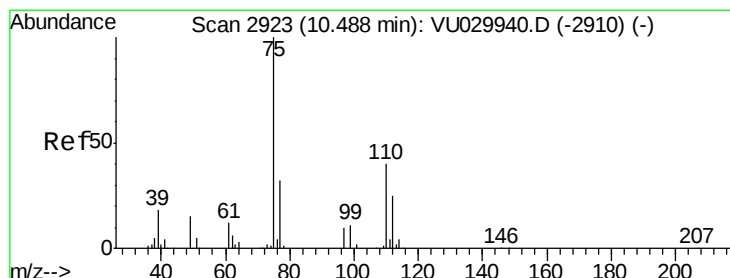
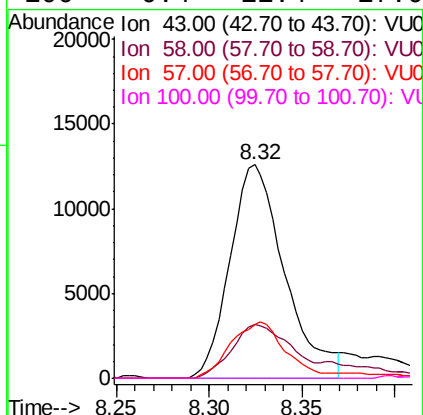
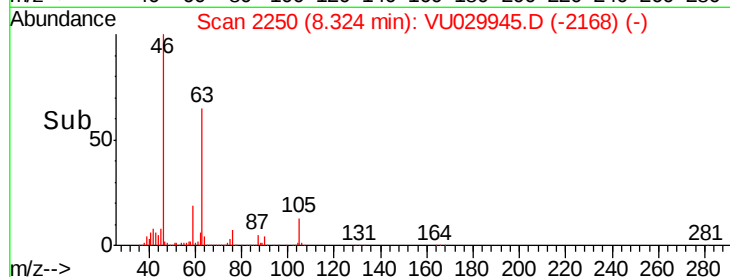
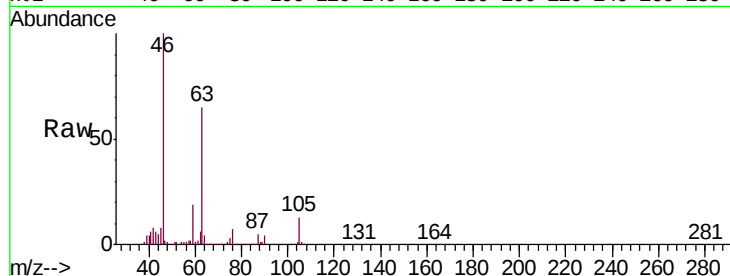
Ion Ratio Lower Upper

43 100

58 27.0 49.2 73.8#

57 26.3 16.6 25.0#

100 0.4 11.4 17.0#



#59

1,2,3-Trichloropropane

Concen: 5.752 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029945.D

Acq: 10 Mar 2019 13:42

Tgt Ion: 75 Resp: 30525

Ion Ratio Lower Upper

75 100

77 33.3 26.1 39.1

