

Data File : VU029949.D
Acq On : 10 Mar 2019 15:15
Operator : JC/SP
Sample : K1818-12ME
Misc : 5.80g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R2ME

Quant Time: Mar 11 07:14:33 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	585326	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581859	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	292899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	149110	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.50%
7) Chloroethane-d5	1.70	69	158	0.05	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.10%#
11) 1,1-Dichloroethene-d2	2.32	63	185	0.03	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.20	46	251184	90.78	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.78%
24) Chloroform-d	4.64	84	288074	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.90%
26) 1,2-Dichloroethane-d4	5.30	65	178199	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
32) Benzene-d6	5.33	84	633189	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
36) 1,2-Dichloropropane-d6	6.32	67	194137	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.56	98	590515	42.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.88%
43) trans-1,3-Dichloropropene-	7.85	79	88105	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.14%
47) 2-Hexanone-d5	8.32	63	224778	95.39	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317824	45.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	250008	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%

Target Compounds

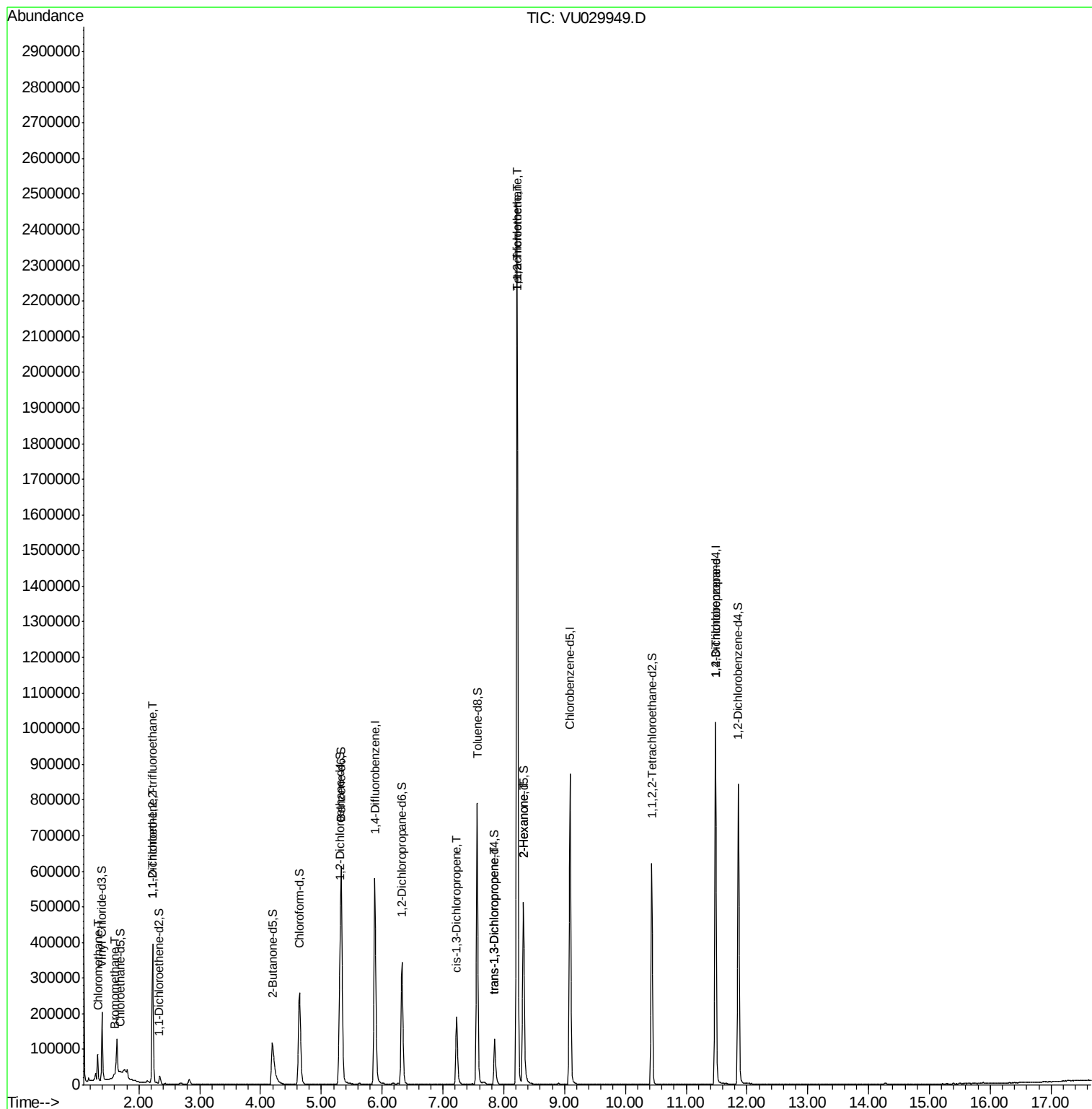
					Qvalue
3) Chloromethane	1.32	50	53397	9.038	ug/L 97
6) Bromomethane	1.60	94	3258	2.685	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2649	0.710	ug/L # 23
12) 1,1-Dichloroethene	2.22	96	2758	0.762	ug/L # 1
39) cis-1,3-Dichloropropene	7.23	75	4714	0.765	ug/L # 79
44) trans-1,3-Dichloropropene	7.85	75	3624	0.660	ug/L 94
45) 1,1,2-Trichloroethane	8.22	97	4582	1.114	ug/L # 1
46) Tetrachloroethene	8.22	164	611195	169.412	ug/L 98
48) 2-Hexanone	8.32	43	24104	5.279	ug/L # 66
59) 1,2,3-Trichloropropane	11.48	75	29458	5.486	ug/L 99

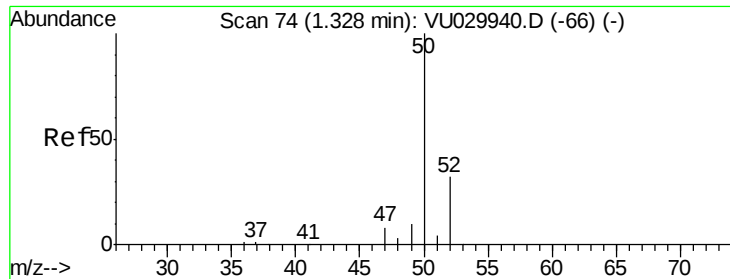
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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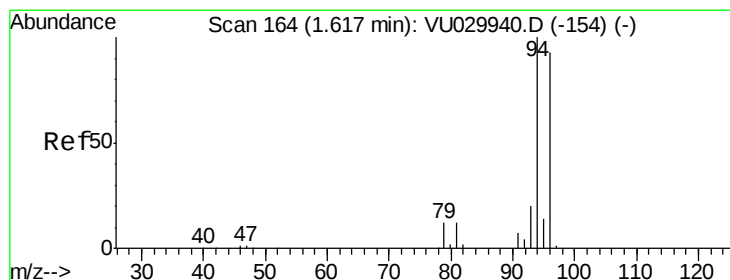
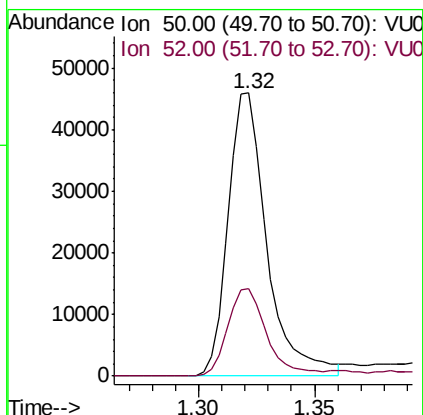
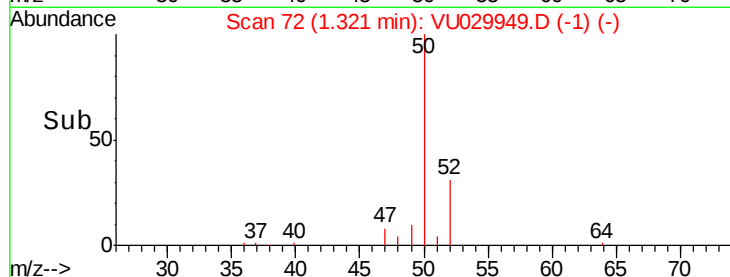
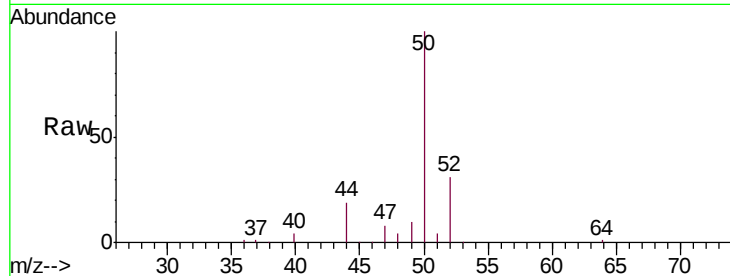




#3
Chloromethane
Concen: 9.038 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU029949.D
Acq: 10 Mar 2019 15:15

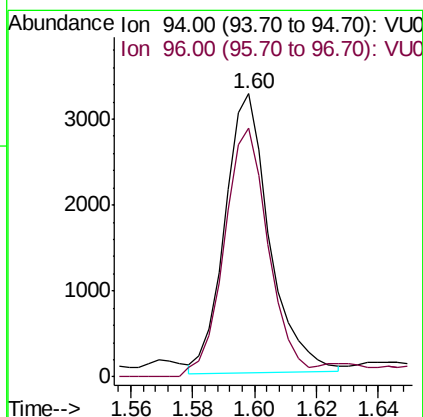
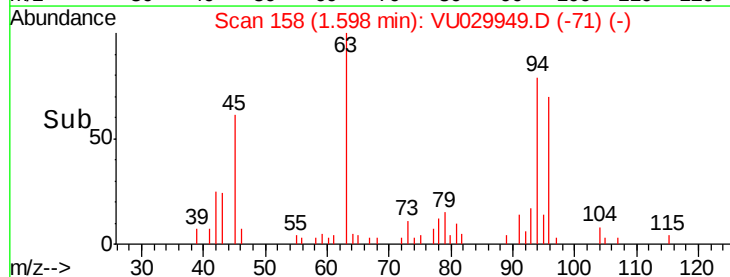
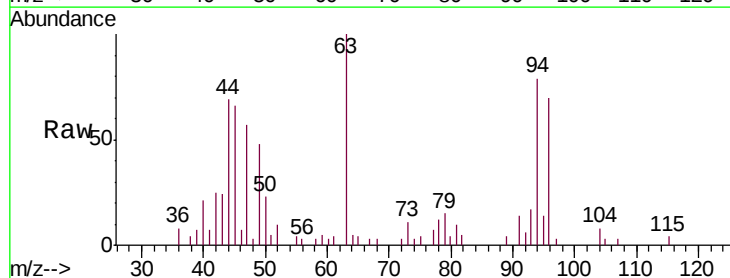
Instrument :
MSVOA_U
ClientSampleId :
BF0R2ME

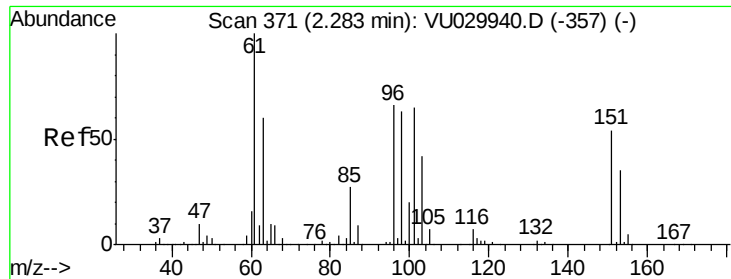
Tgt Ion: 50 Resp: 53397
Ion Ratio Lower Upper
50 100
52 31.1 23.1 42.9



#6
Bromomethane
Concen: 2.685 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029949.D
Acq: 10 Mar 2019 15:15

Tgt Ion: 94 Resp: 3258
Ion Ratio Lower Upper
94 100
96 87.9 65.7 121.9





#10

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

Concen: 0.710 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU029949.D

Acq: 10 Mar 2019 15:15

Instrument :

MSVOA_U

ClientSampleId :

BFOR2ME

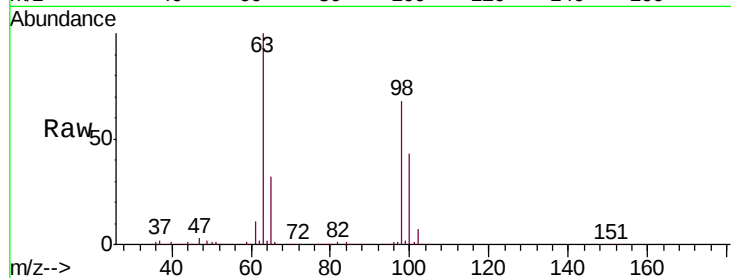
Tgt Ion: 101 Resp: 2649

Ion Ratio Lower Upper

101 100

85 2.8 33.4 50.2#

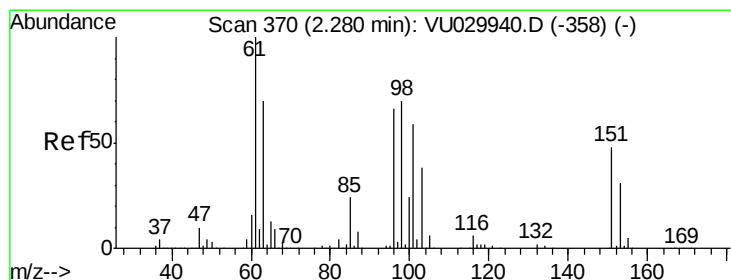
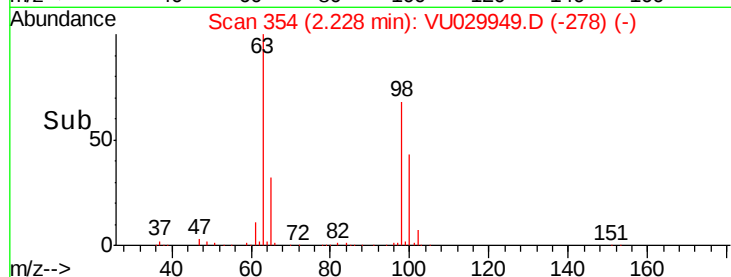
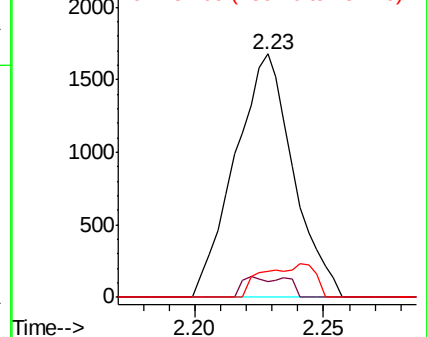
151 6.3 65.8 98.6#



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: 0.762 ug/L

RT: 2.22 min Scan# 353

Delta R.T. -0.05 min

Lab File: VU029949.D

Acq: 10 Mar 2019 15:15

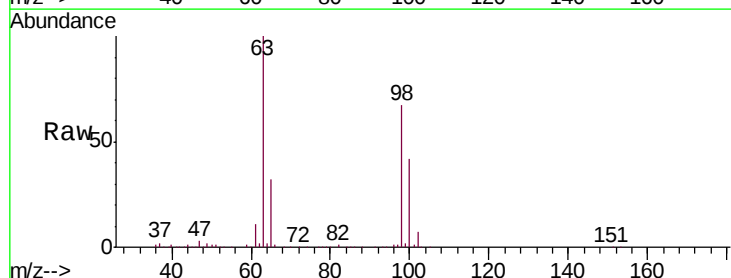
Tgt Ion: 96 Resp: 2758

Ion Ratio Lower Upper

96 100

61 1061.6 109.0 202.4#

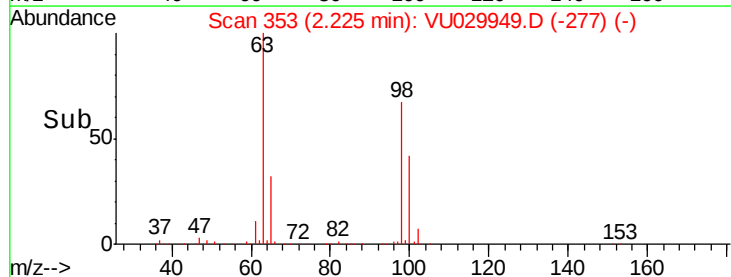
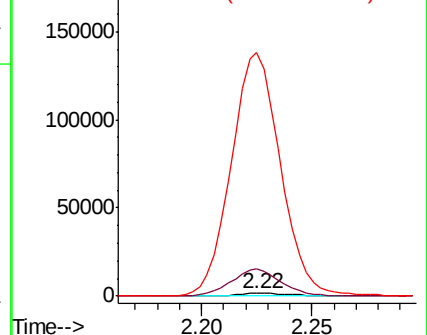
63 9479.2 88.1 163.5#

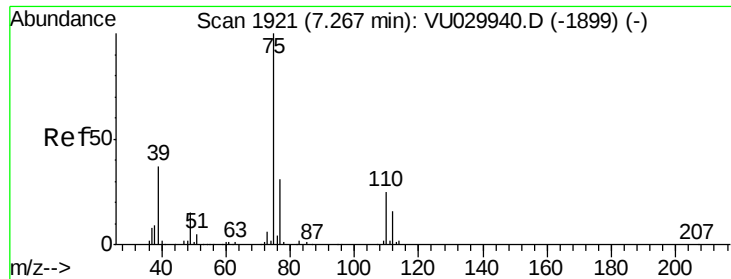


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

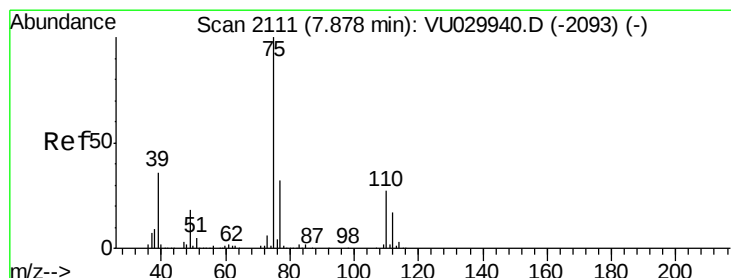
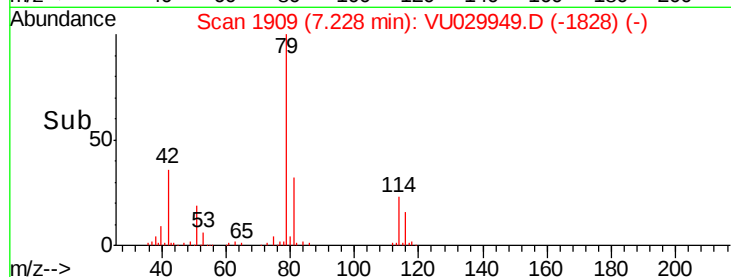
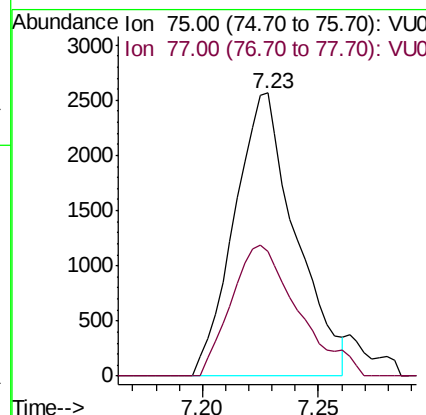
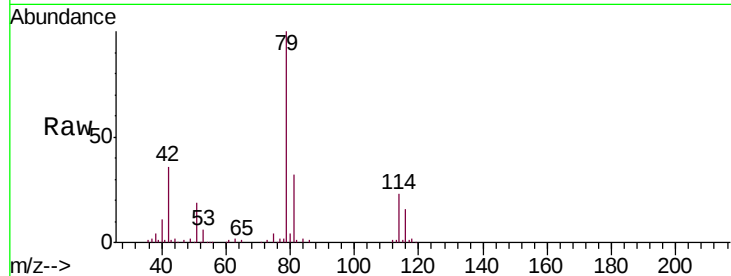




#39
 cis-1,3-Dichloropropene
 Concen: 0.765 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029949.D
 Acq: 10 Mar 2019 15:15

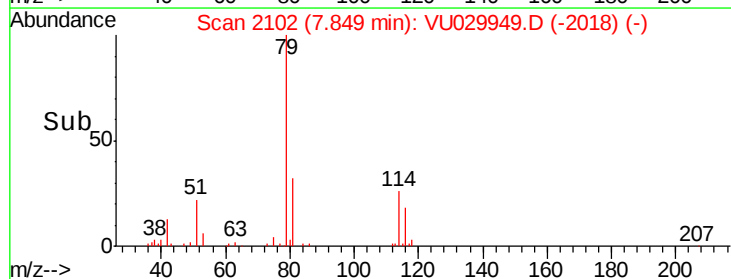
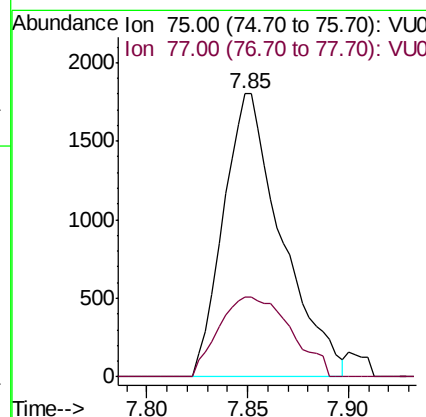
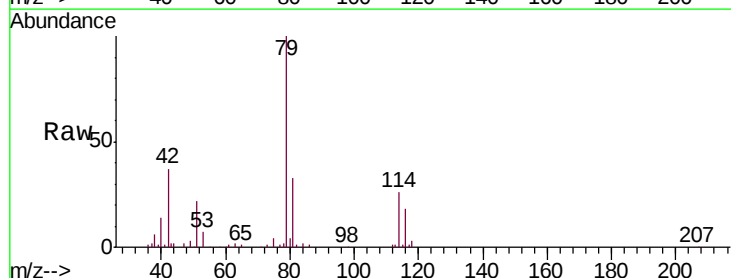
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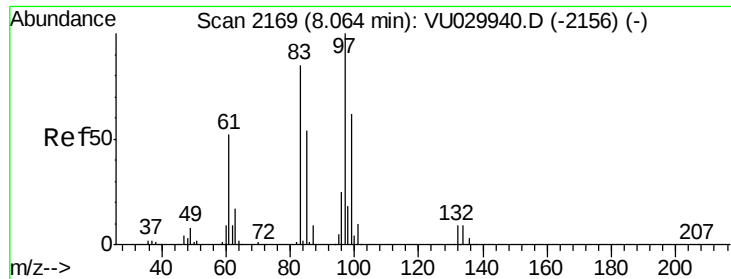
Tgt Ion: 75 Resp: 4714
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.660 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU029949.D
 Acq: 10 Mar 2019 15:15

Tgt Ion: 75 Resp: 3624
 Ion Ratio Lower Upper
 75 100
 77 28.2 21.8 40.6

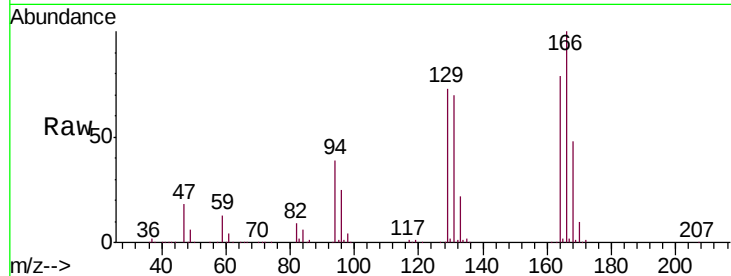




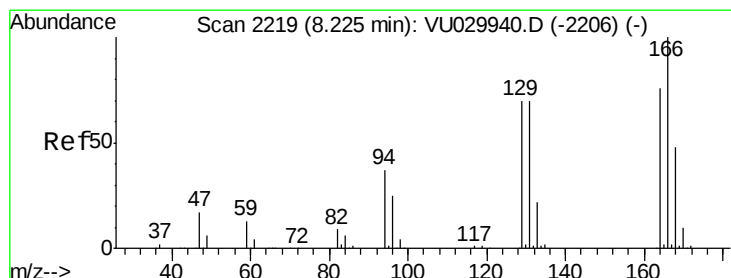
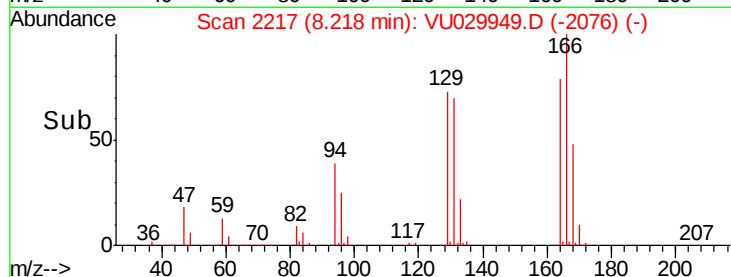
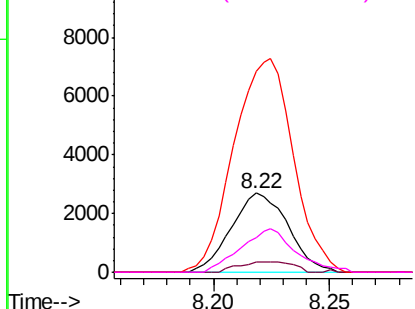
#45
1,1,2-Trichloroethane
Concen: 1.114 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. 0.15 min
Lab File: VU029949.D
Acq: 10 Mar 2019 15:15

Instrument :
MSVOA_U
ClientSampleId :
BF0R2ME

Tgt Ion: 97 Resp: 4582
Ion Ratio Lower Upper
97 100
99 12.6 43.7 81.1#
83 254.7 60.8 112.8#
85 44.5 38.1 70.7



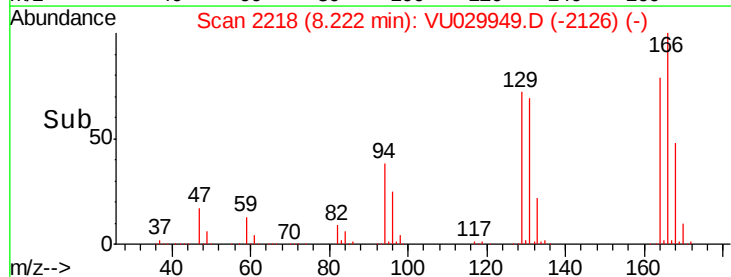
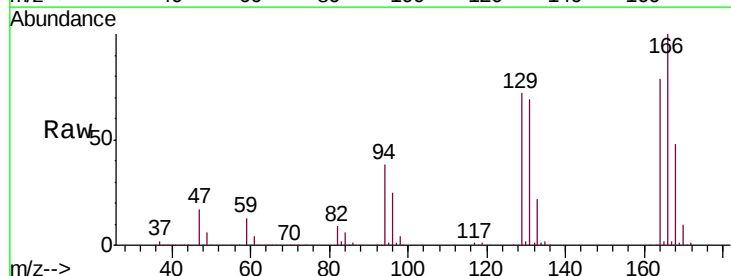
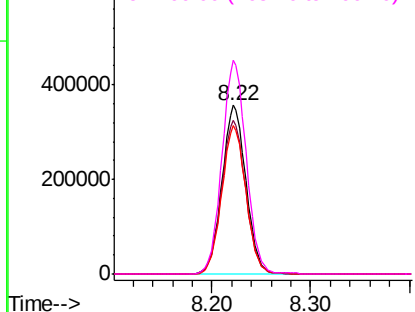
Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

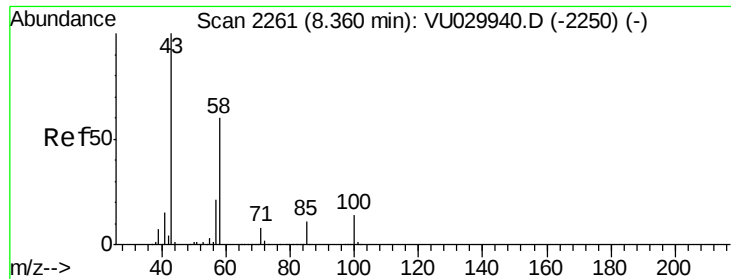


#46
Tetrachloroethene
Concen: 169.412 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029949.D
Acq: 10 Mar 2019 15:15

Tgt Ion:164 Resp: 611195
Ion Ratio Lower Upper
164 100
129 91.4 61.0 113.2
131 87.7 60.5 112.3
166 126.5 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

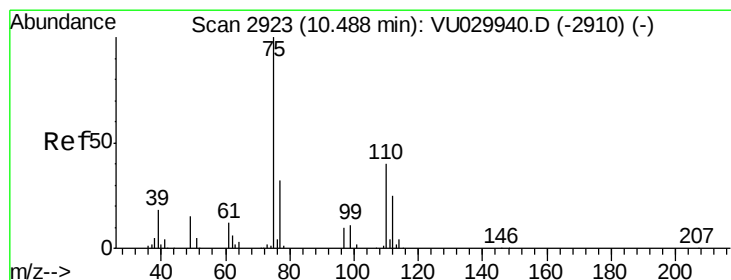
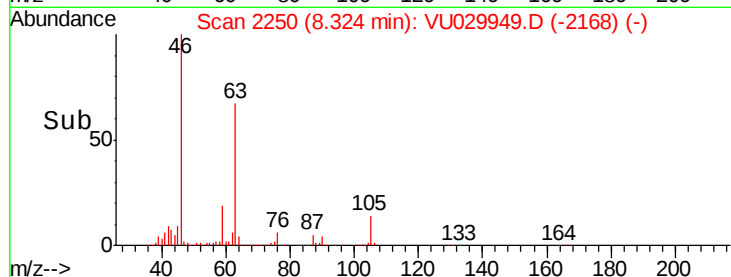
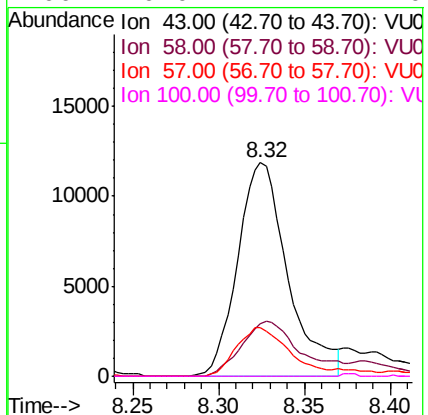
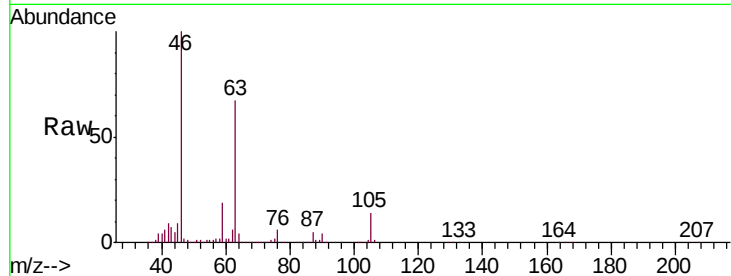




#48
 2-Hexanone
 Concen: 5.279 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.04 min
 Lab File: VU029949.D
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Tgt Ion: 43 Resp: 24104
 Ion Ratio Lower Upper
 43 100
 58 28.4 49.2 73.8#
 57 23.6 16.6 25.0
 100 0.0 11.4 17.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.486 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029949.D
 Acq: 10 Mar 2019 15:15

Tgt Ion: 75 Resp: 29458
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.1 39.1

