

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029933.D
 Acq On : 09 Mar 2019 20:21
 Operator : JC/SP
 Sample : K1838-06
 Misc : 6.12g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L3

Quant Time: Mar 11 02:26:42 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	577842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143196	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.24%
7) Chloroethane-d5	1.70	69	28	0.01	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.02%#
11) 1,1-Dichloroethene-d2	2.31	63	212	0.03	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.20	46	223862	81.96	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.96%
24) Chloroform-d	4.64	84	266525	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.68%
26) 1,2-Dichloroethane-d4	5.30	65	163662	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
32) Benzene-d6	5.33	84	585682	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.32	67	178578	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.18%
41) Toluene-d8	7.56	98	551692	39.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.90%#
43) trans-1,3-Dichloropropene-	7.85	79	80257	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.32%
47) 2-Hexanone-d5	8.32	63	206721	88.39	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293720	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	243869	41.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.36%

Target Compounds

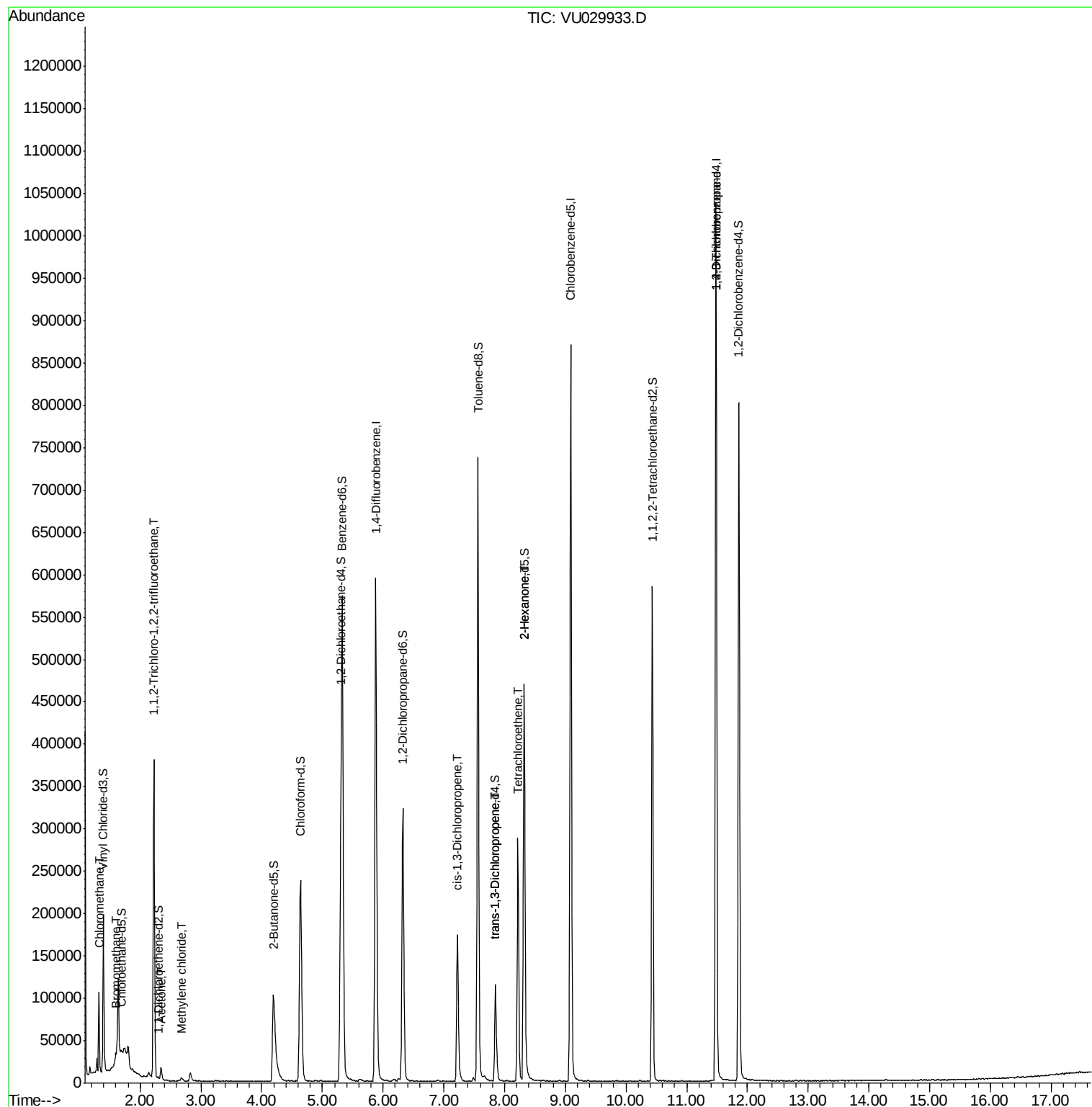
					Qvalue
3) Chloromethane	1.32	50	69676	11.945	ug/L 99
6) Bromomethane	1.60	94	3753	3.133	ug/L 92
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2202	0.598	ug/L # 17
13) Acetone	2.35	43	1919	0.644	ug/L 74
16) Methylene chloride	2.68	84	2375	0.567	ug/L 83
39) cis-1,3-Dichloropropene	7.23	75	4574	0.748	ug/L # 74
44) trans-1,3-Dichloropropene	7.85	75	3145	0.577	ug/L 89
46) Tetrachloroethene	8.22	164	71589	19.995	ug/L 97
48) 2-Hexanone	8.32	43	20348	4.490	ug/L # 63
59) 1,2,3-Trichloropropane	11.48	75	31317	5.877	ug/L 96

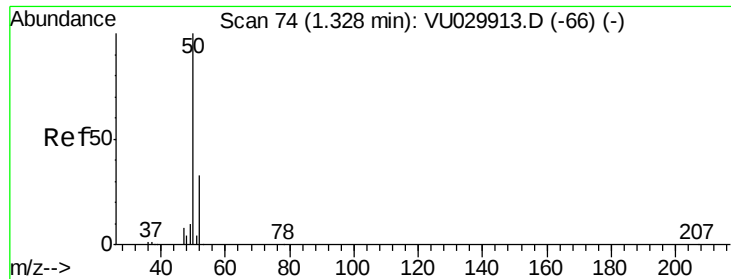
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 11.945 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029933.D

Acq: 09 Mar 2019 20:21

Instrument :

MSVOA_U

ClientSampleId :

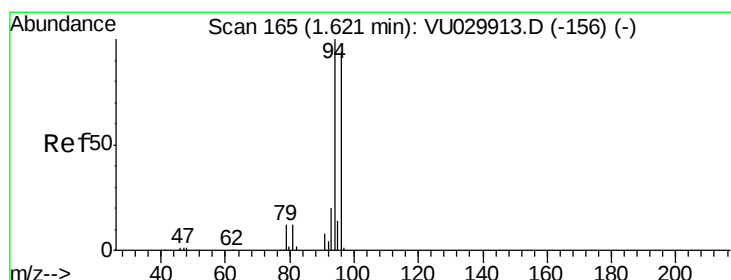
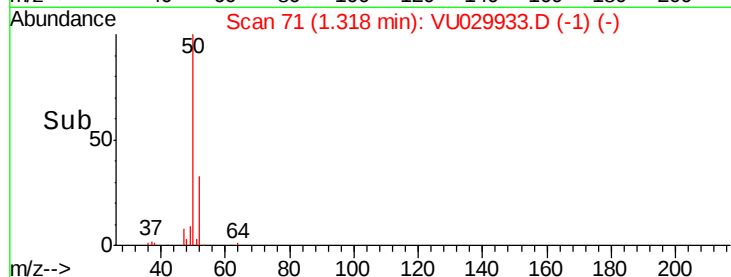
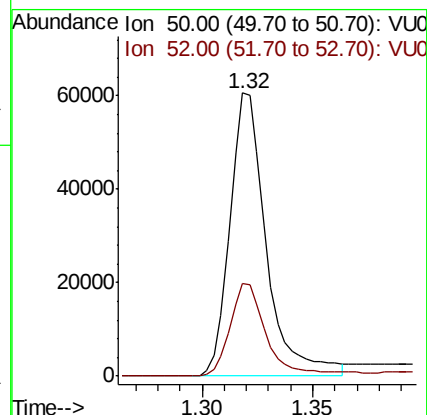
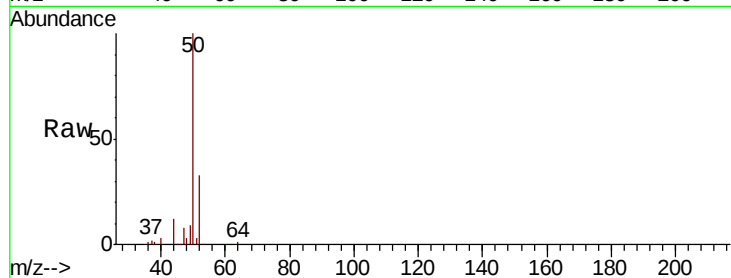
BF2L3

Tgt Ion: 50 Resp: 69676

Ion Ratio Lower Upper

50 100

52 32.6 23.1 42.9



#6

Bromomethane

Concen: 3.133 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029933.D

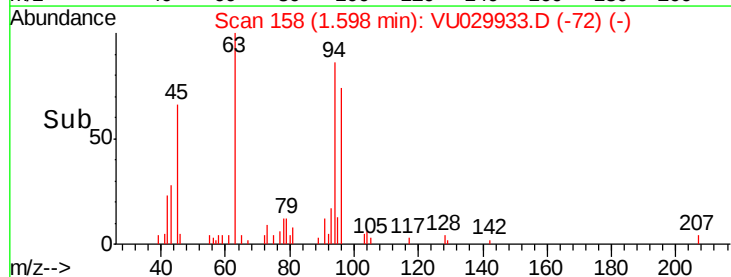
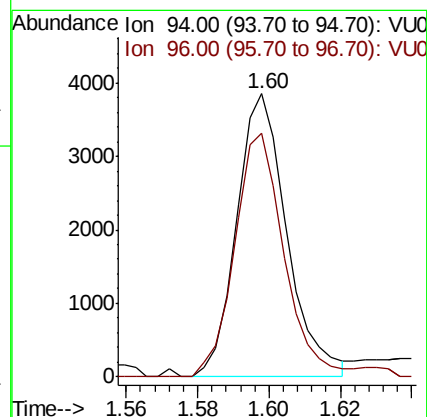
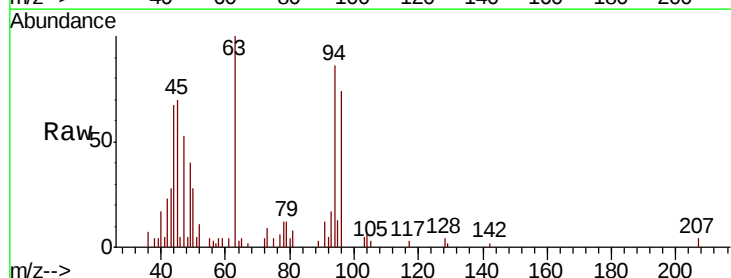
Acq: 09 Mar 2019 20:21

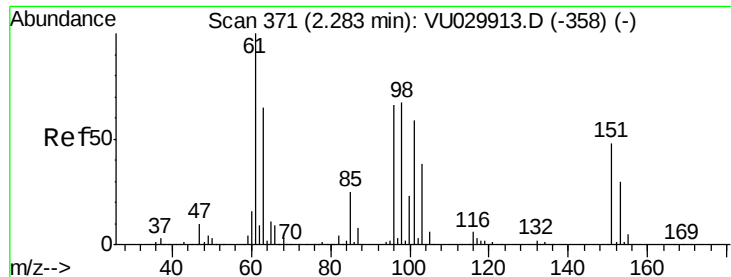
Tgt Ion: 94 Resp: 3753

Ion Ratio Lower Upper

94 100

96 86.3 65.7 121.9





#10

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

Concen: 0.598 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU029933.D

Acq: 09 Mar 2019 20:21

Instrument :

MSVOA_U

ClientSampleId :

BF2L3

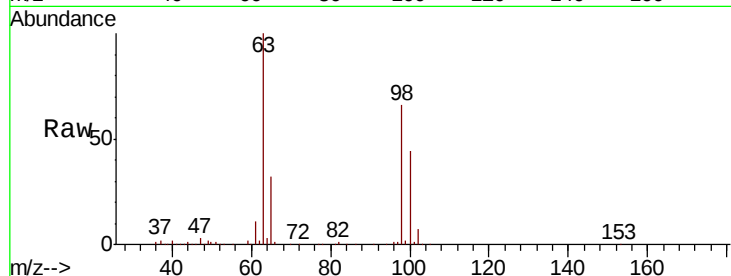
Tgt Ion: 101 Resp: 2202

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

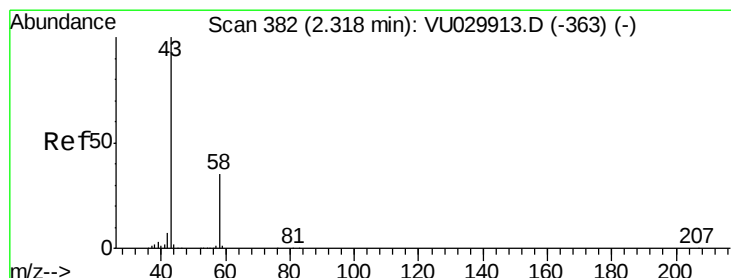
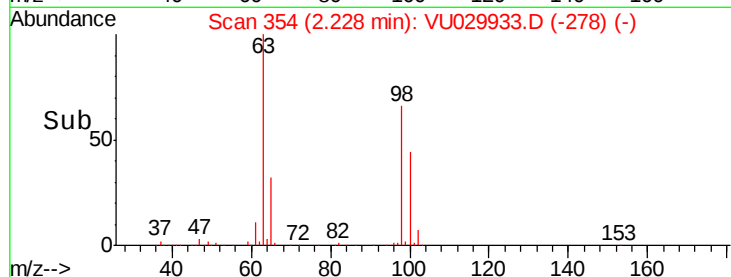
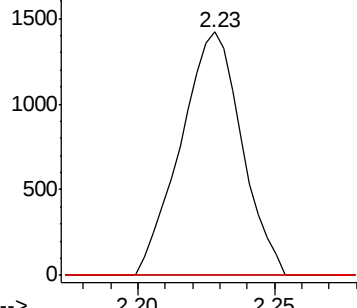
151 0.0 65.8 98.6#



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



#13

Acetone

Concen: 0.644 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.03 min

Lab File: VU029933.D

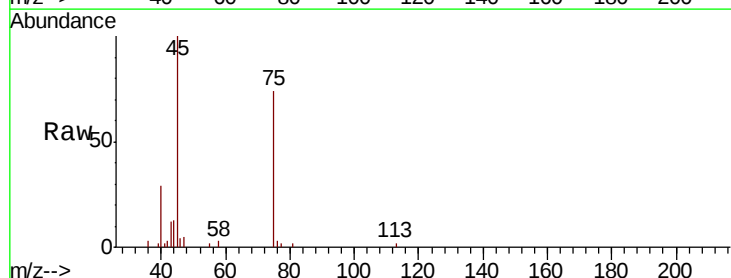
Acq: 09 Mar 2019 20:21

Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

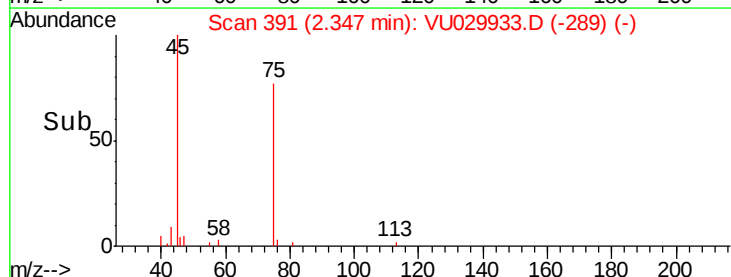
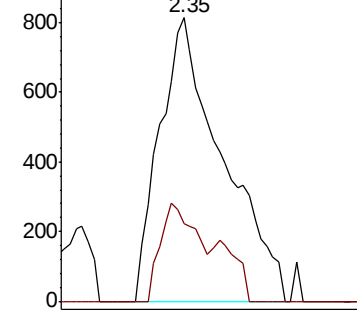
43 100

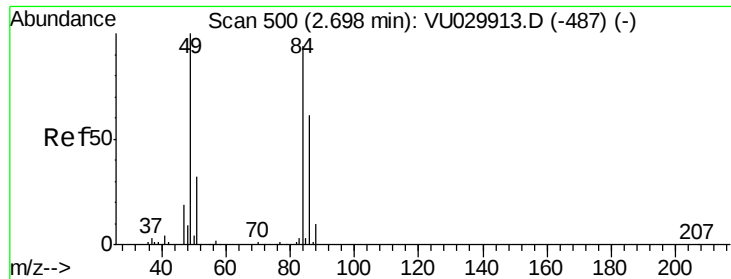
58 20.0 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

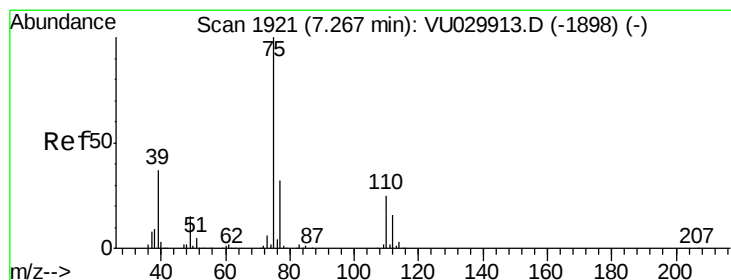
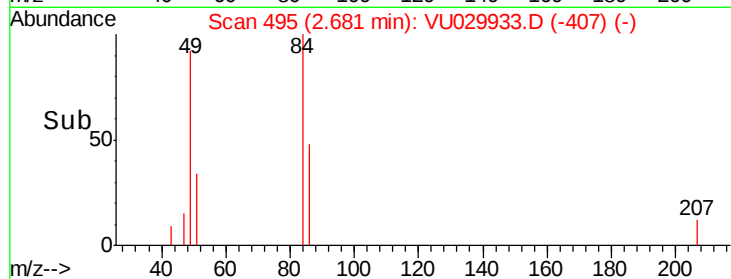
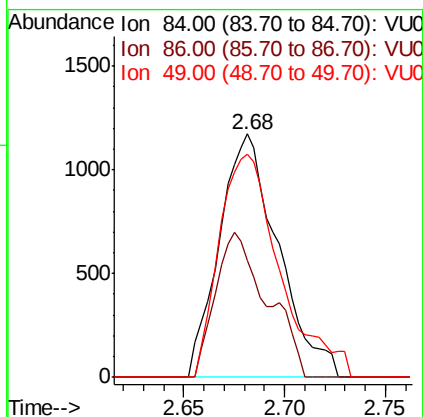
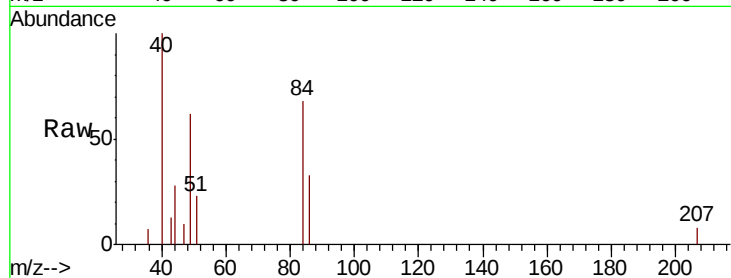




#16
Methylene chloride
Concen: 0.567 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.02 min
Lab File: VU029933.D
Acq: 09 Mar 2019 20:21

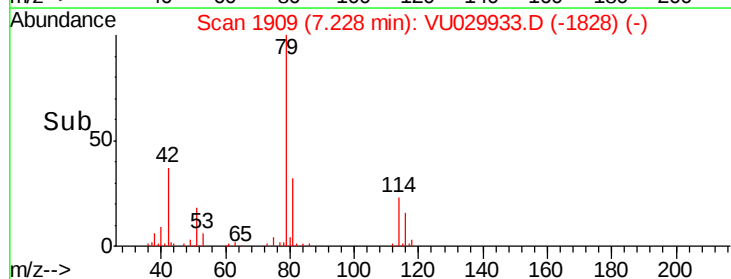
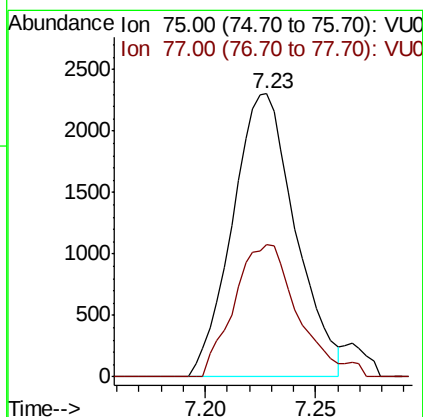
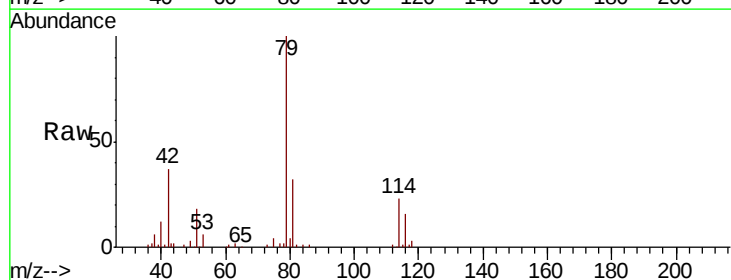
Instrument :
MSVOA_U
ClientSampleId :
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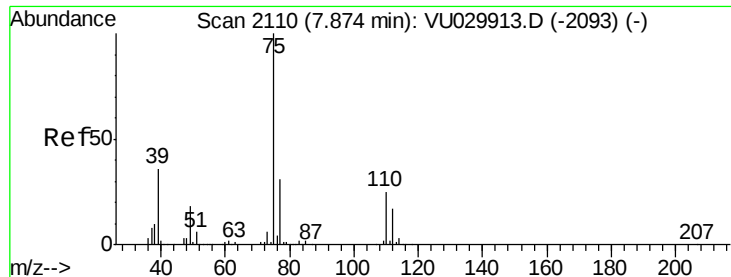
Tgt Ion: 84 Resp: 2375
Ion Ratio Lower Upper
84 100
86 48.3 45.3 84.1
49 91.9 74.8 139.0



#39
cis-1,3-Dichloropropene
Concen: 0.748 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029933.D
Acq: 09 Mar 2019 20:21

Tgt Ion: 75 Resp: 4574
Ion Ratio Lower Upper
75 100
77 46.8 22.5 41.9#

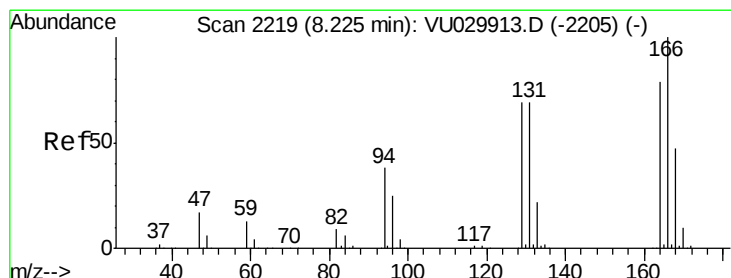
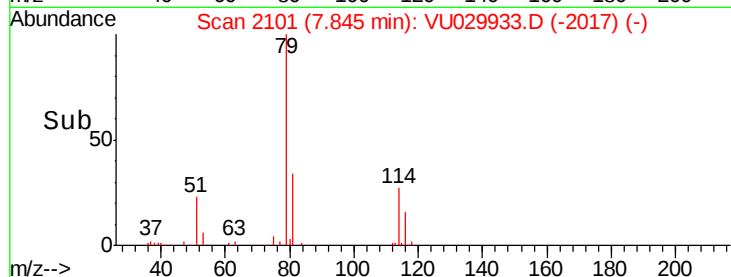
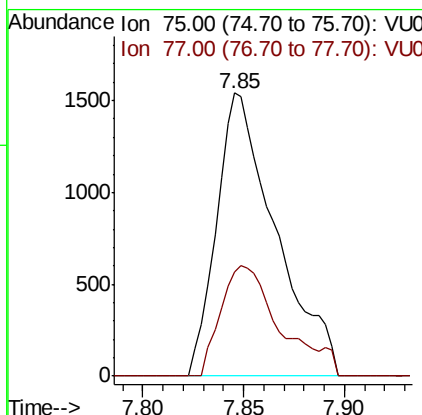
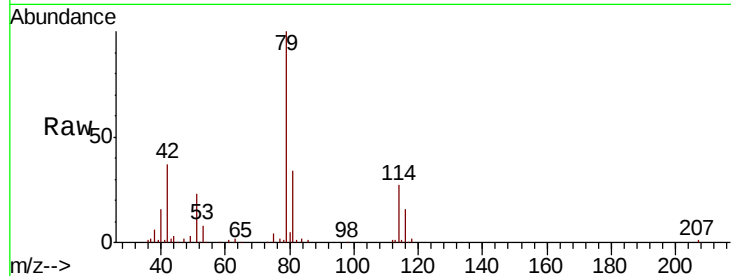




#44
trans-1,3-Dichloropropene
Concen: 0.577 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU029933.D
Acq: 09 Mar 2019 20:21

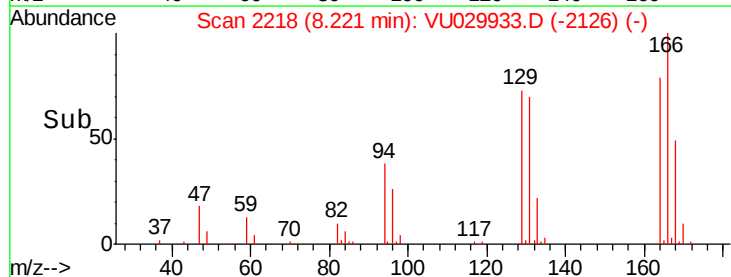
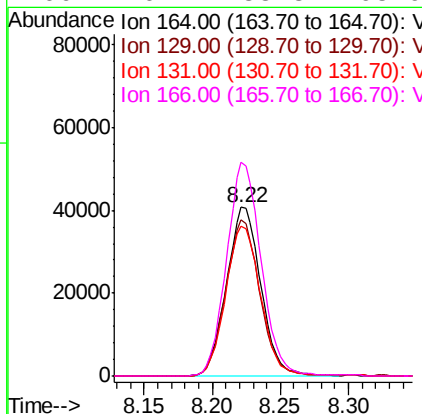
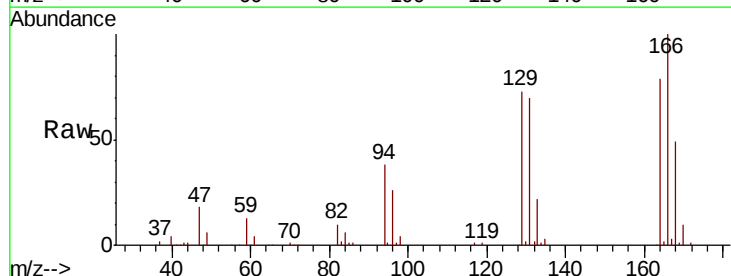
Instrument :
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ClientSampleId :
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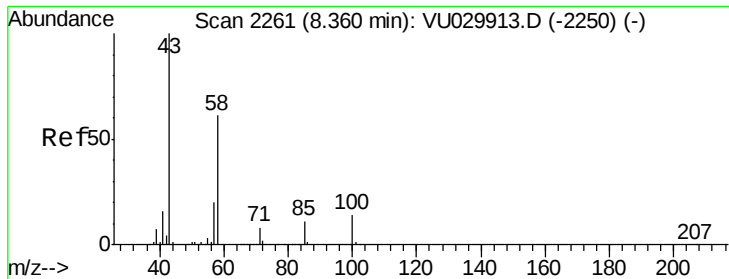
Tgt Ion: 75 Resp: 3145
Ion Ratio Lower Upper
75 100
77 37.0 21.8 40.6



#46
Tetrachloroethene
Concen: 19.995 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029933.D
Acq: 09 Mar 2019 20:21

Tgt Ion: 164 Resp: 71589
Ion Ratio Lower Upper
164 100
129 92.7 61.0 113.2
131 88.6 60.5 112.3
166 126.7 88.3 163.9

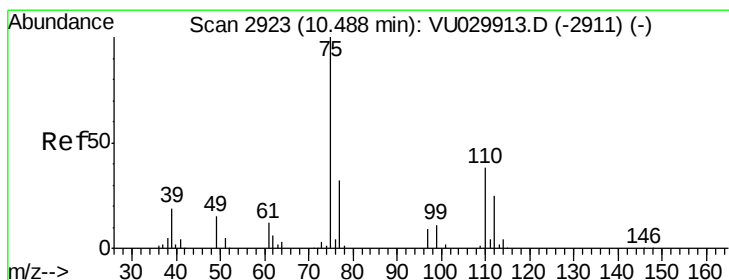
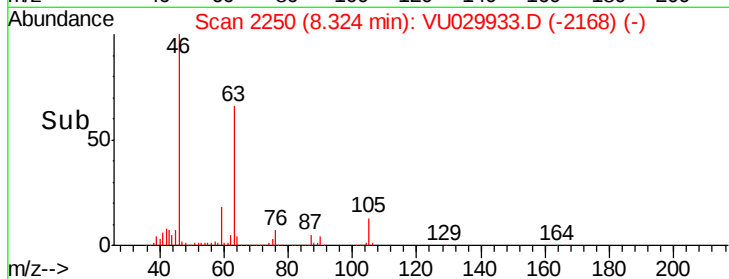
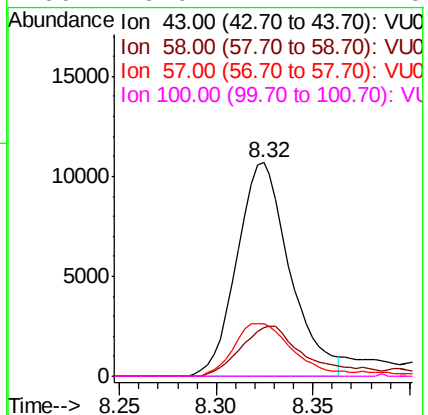
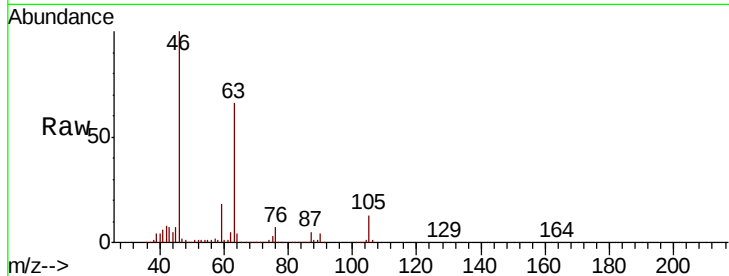




#48
 2-Hexanone
 Concen: 4.490 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.04 min
 Lab File: VU029933.D
 Acq: 09 Mar 2019 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L3

Tgt Ion: 43 Resp: 20348
 Ion Ratio Lower Upper
 43 100
 58 27.5 49.2 73.8#
 57 27.5 16.6 25.0#
 100 0.0 11.4 17.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.877 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029933.D
 Acq: 09 Mar 2019 20:21

Tgt Ion: 75 Resp: 31317
 Ion Ratio Lower Upper
 75 100
 77 35.1 26.1 39.1

