

Data File : VU030420.D
Acq On : 25 Mar 2019 22:15
Operator : JC/SP
Sample : K2062-16ME
Misc : 4.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOH3ME

Quant Time: Mar 26 01:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507354	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	497691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151122	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.02%
7) Chloroethane-d5	1.64	69	96799	29.91	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.82%#
11) 1,1-Dichloroethene-d2	2.30	63	342	0.04	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.19	46	260662	67.91	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.91%
24) Chloroform-d	4.64	84	248188	35.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.56%
26) 1,2-Dichloroethane-d4	5.30	65	168756	36.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.32%
32) Benzene-d6	5.33	84	520713	36.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.96%
36) 1,2-Dichloropropane-d6	6.32	67	182945	37.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.92%
41) Toluene-d8	7.56	98	456757	35.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.26%#
43) trans-1,3-Dichloropropene-	7.85	79	75949	33.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.16%
47) 2-Hexanone-d5	8.32	63	195799	73.99	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	267357	38.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	168212	37.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.40%#

Target Compounds

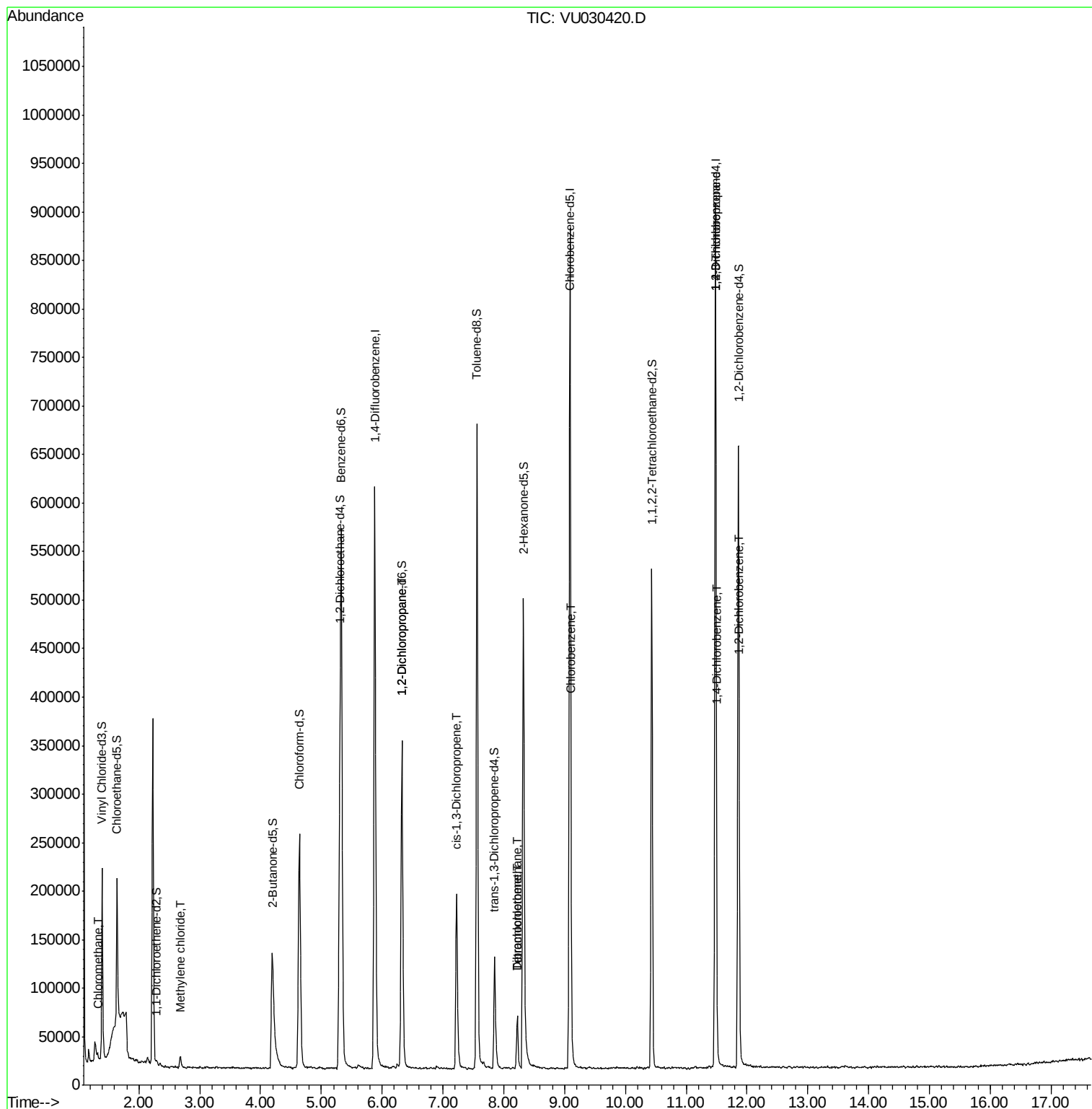
					Qvalue
3) Chloromethane	1.32	50	4150	0.663 ug/L	98
16) Methylene chloride	2.68	84	5275	1.233 ug/L	95
37) 1,2-Dichloropropane	6.32	63	18156	3.776 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	4242	0.614 ug/L #	60
46) Tetrachloroethene	8.22	164	13368	4.595 ug/L	93
49) Dibromochloromethane	8.22	129	12344	2.924 ug/L #	11
51) Chlorobenzene	9.12	112	7213	0.677 ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	31679	5.413 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	6853	0.914 ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	5513	0.749 ug/L #	78

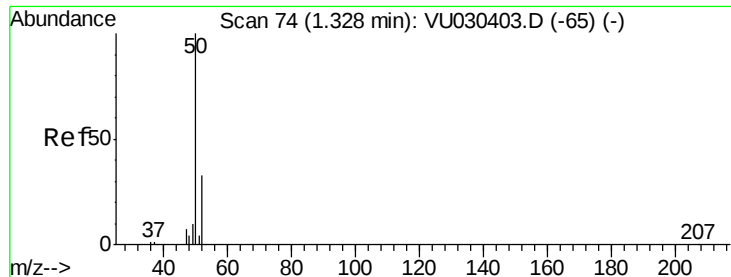
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.663 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030420.D

Acq: 25 Mar 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

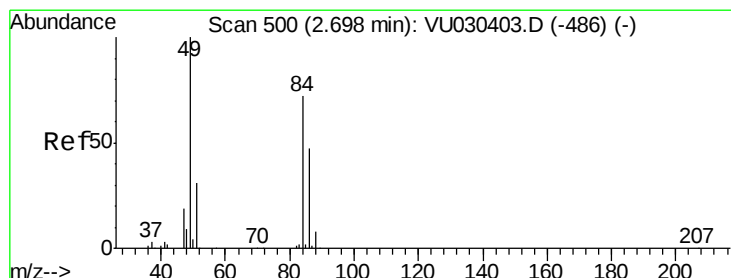
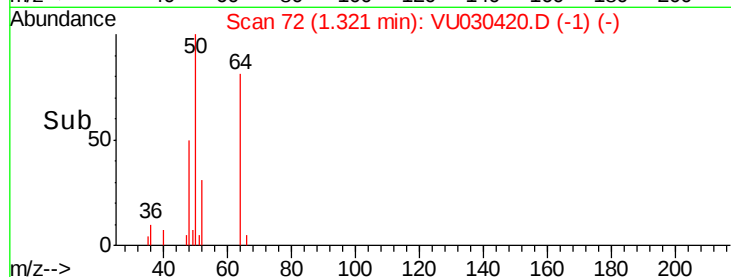
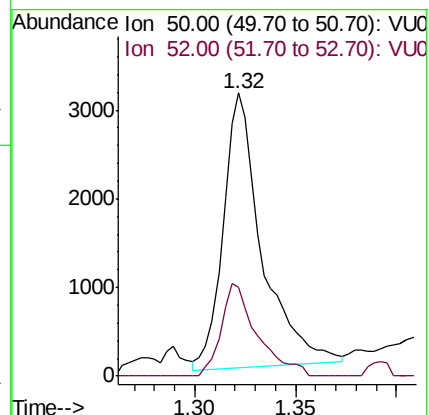
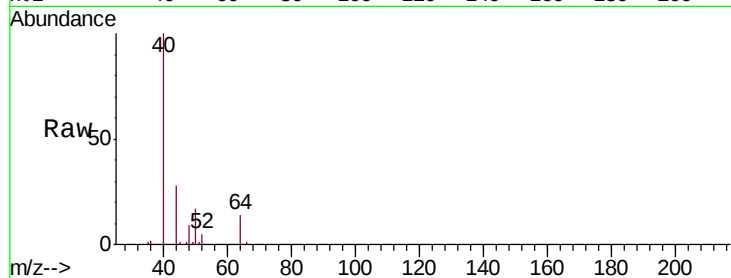
BFOH3ME

Tgt Ion: 50 Resp: 4150

Ion Ratio Lower Upper

50 100

52 31.5 23.0 42.6



#16

Methylene chloride

Concen: 1.233 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.02 min

Lab File: VU030420.D

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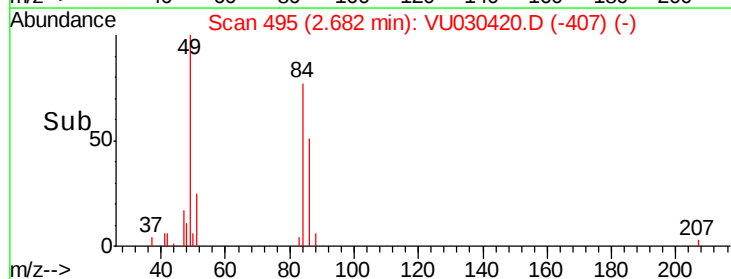
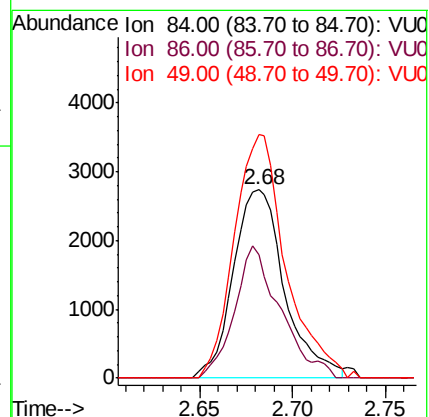
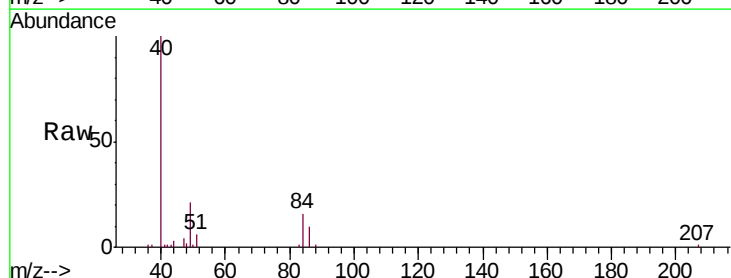
Tgt Ion: 84 Resp: 5275

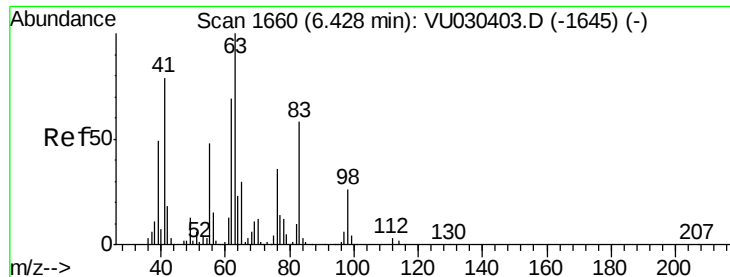
Ion Ratio Lower Upper

84 100

86 65.9 44.3 82.3

49 129.5 94.9 176.3





#37

1,2-Dichloropropane

Concen: 3.776 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU030420.D

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Instrument :

MSVOA_U

ClientSampleId :

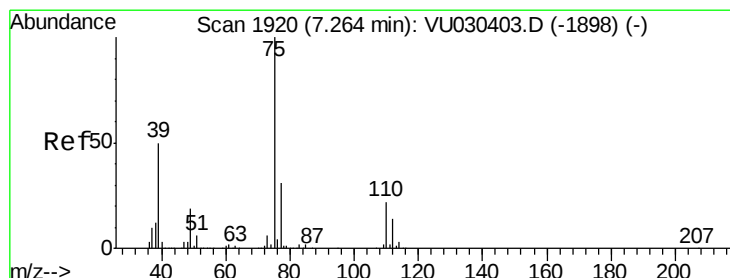
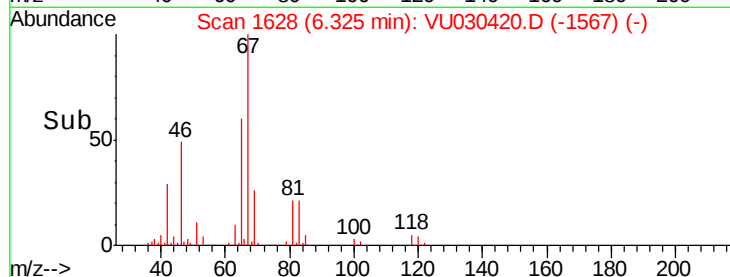
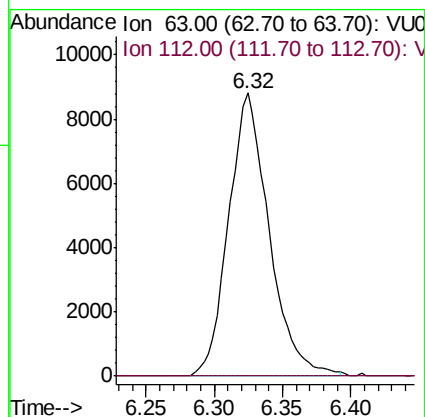
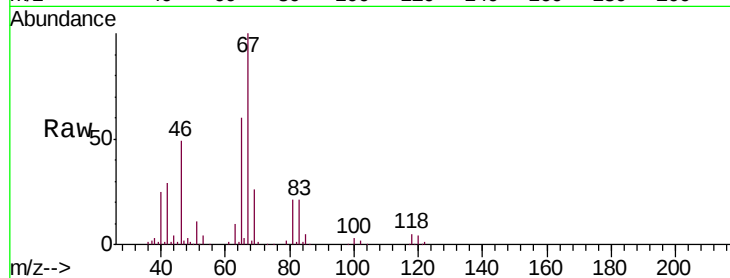
BFOH3ME

Tgt Ion: 63 Resp: 18156

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#



#39

cis-1,3-Dichloropropene

Concen: 0.614 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030420.D

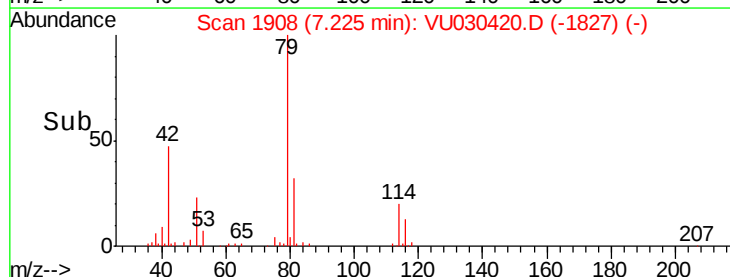
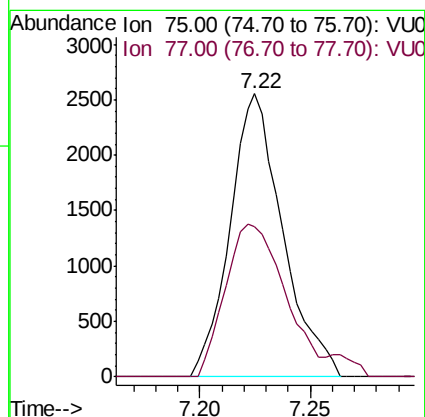
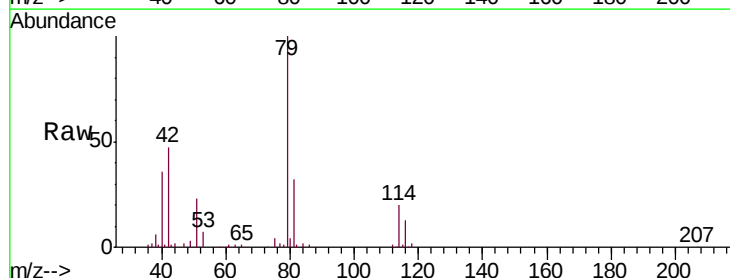
Acq: 25 Mar 2019 22:15

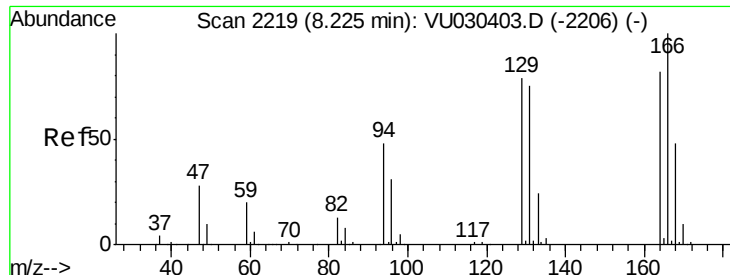
Tgt Ion: 75 Resp: 4242

Ion Ratio Lower Upper

75 100

77 53.2 21.8 40.6#





#46

Tetrachloroethene

Concen: 4.595 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030420.D

Acq: 25 Mar 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

BFOH3ME

Tgt Ion:164 Resp: 13368

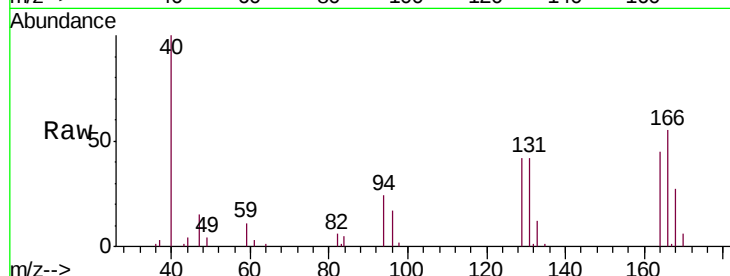
Ion Ratio Lower Upper

164 100

129 93.4 68.1 126.5

131 91.9 67.7 125.7

166 120.7 92.4 171.6

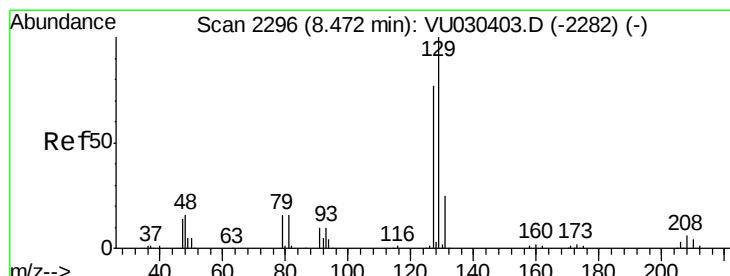
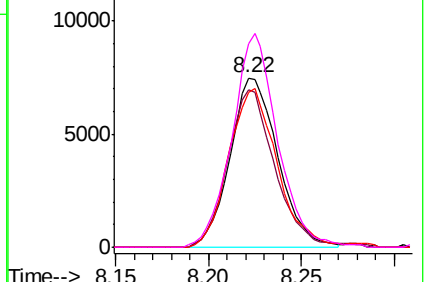
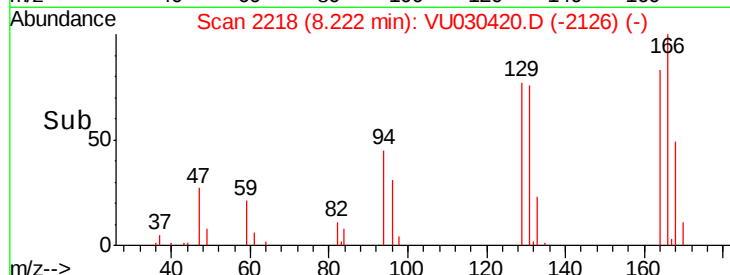


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 2.924 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU030420.D

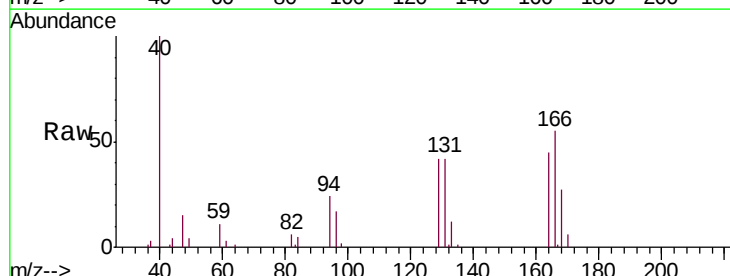
Acq: 25 Mar 2019 22:15

Tgt Ion:129 Resp: 12344

Ion Ratio Lower Upper

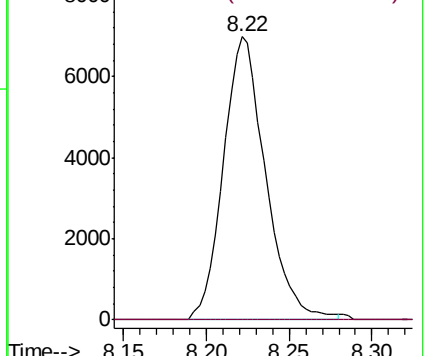
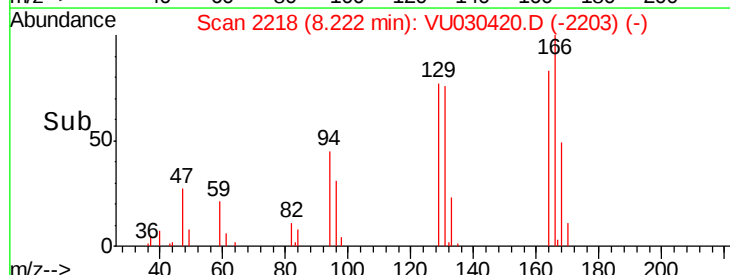
129 100

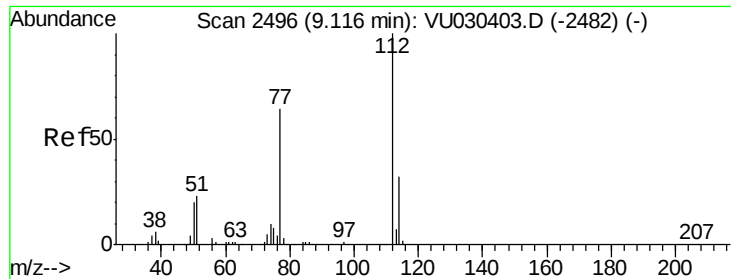
127 0.0 53.2 98.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#51

Chlorobenzene

Concen: 0.677 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU030420.D

Acq: 25 Mar 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

BFOH3ME

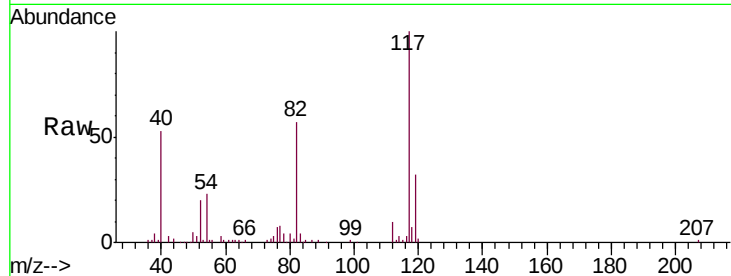
Tgt Ion: 112 Resp: 7213

Ion Ratio Lower Upper

112 100

114 29.1 21.5 39.9

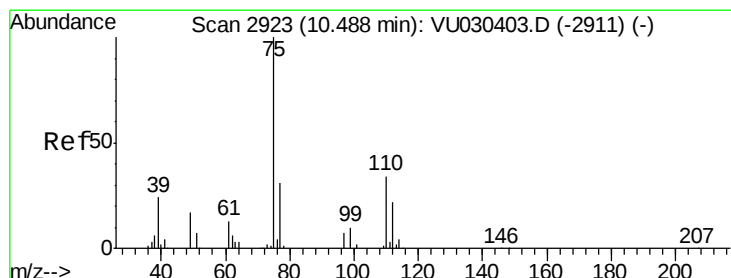
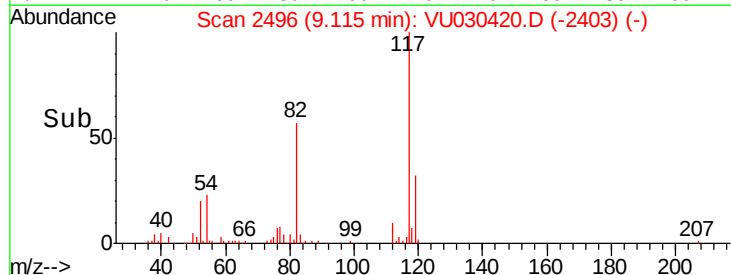
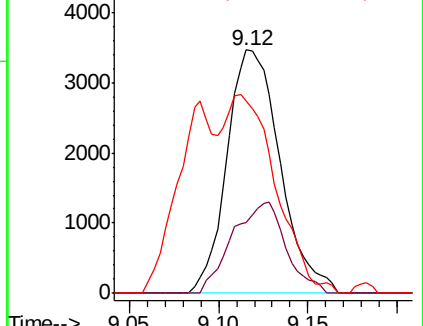
77 79.2 51.4 77.0#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 5.413 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030420.D

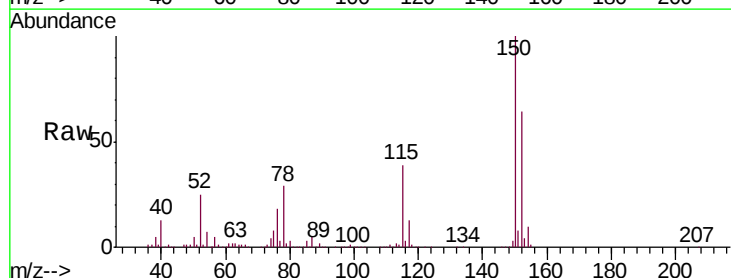
Acq: 25 Mar 2019 22:15

Tgt Ion: 75 Resp: 31679

Ion Ratio Lower Upper

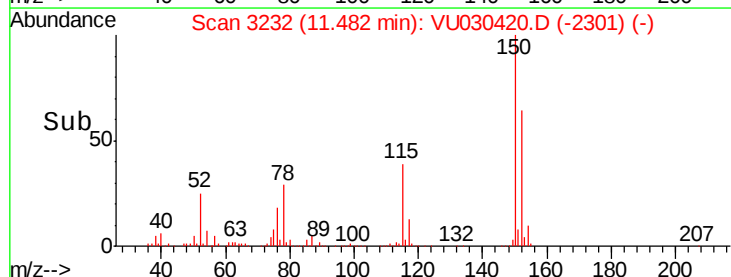
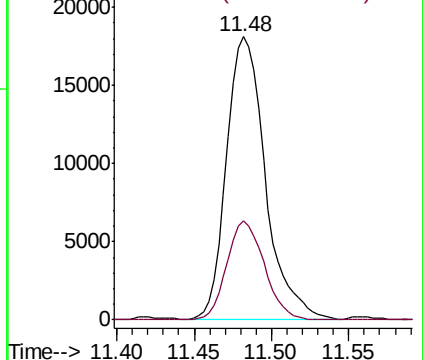
75 100

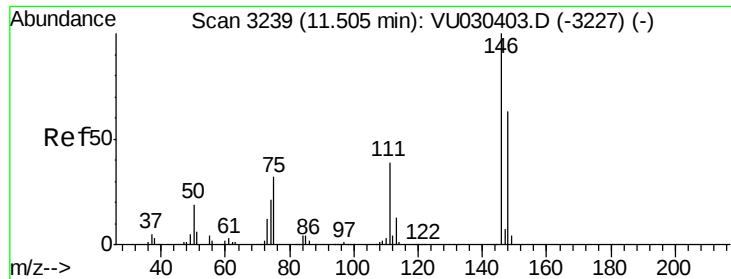
77 33.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

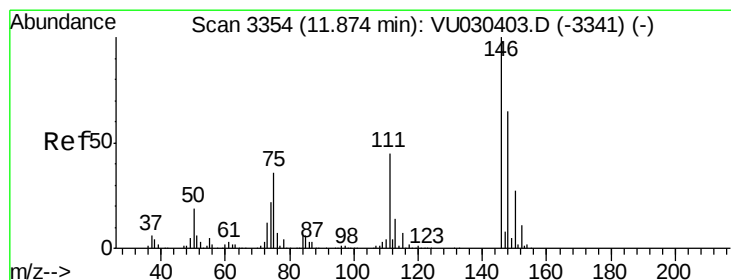
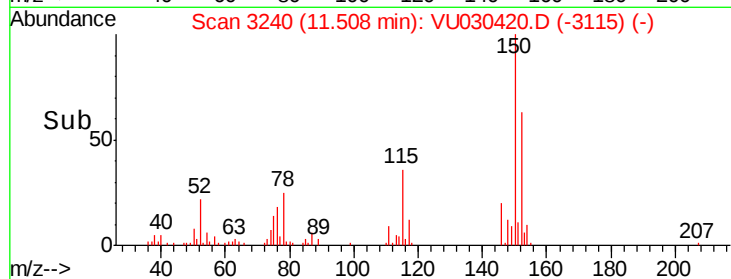
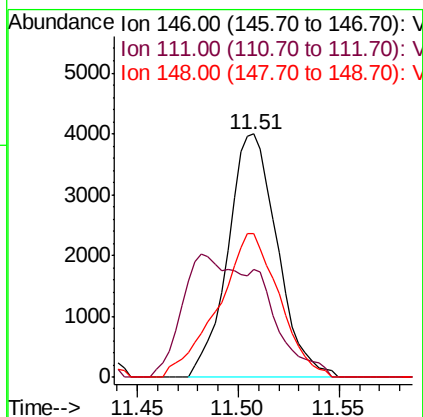
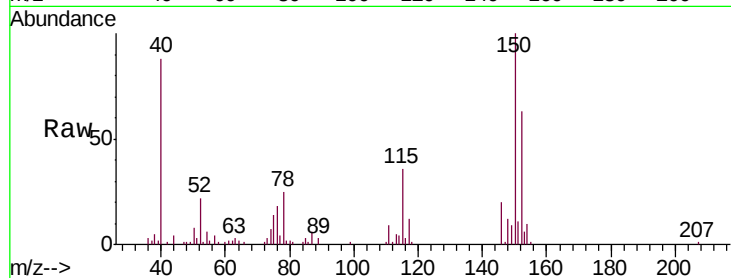




#63
 1,4-Dichlorobenzene
 Concen: 0.914 ug/L
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU030420.D
 Acq: 25 Mar 2019 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BFOH3ME

Tgt Ion:146 Resp: 6853
 Ion Ratio Lower Upper
 146 100
 111 44.3 28.7 53.3
 148 58.9 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 0.749 ug/L
 RT: 11.88 min Scan# 3356
 Delta R.T. 0.01 min
 Lab File: VU030420.D
 Acq: 25 Mar 2019 22:15

Tgt Ion:146 Resp: 5513
 Ion Ratio Lower Upper
 146 100
 111 60.3 34.9 52.3#
 148 78.8 51.2 76.8#

