

Data File : VW009634.D
Acq On : 01 Apr 2019 20:11
Operator : SY/VA
Sample : K2119-05
Misc : 3.67G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5A2

Quant Time: Apr 02 01:38:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	448110	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118912	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
7) Chloroethane-d5	2.89	69	116414	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
10) 1,1-Dichloroethene-d2	4.01	63	192750	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	7.08	46	74178	33.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.00%
24) Chloroform-d	7.65	84	272116	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	8.30	65	156147	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.80%
29) Benzene-d6	8.27	84	483732	20.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.32%
33) 1,2-Dichloropropane-d6	9.27	67	150557	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	10.32	98	426053	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
38) trans-1,3-Dichloropropene-	10.58	79	62108	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.24%
39) 2-Hexanone-d5	10.93	63	44959	25.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127438	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	163137	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

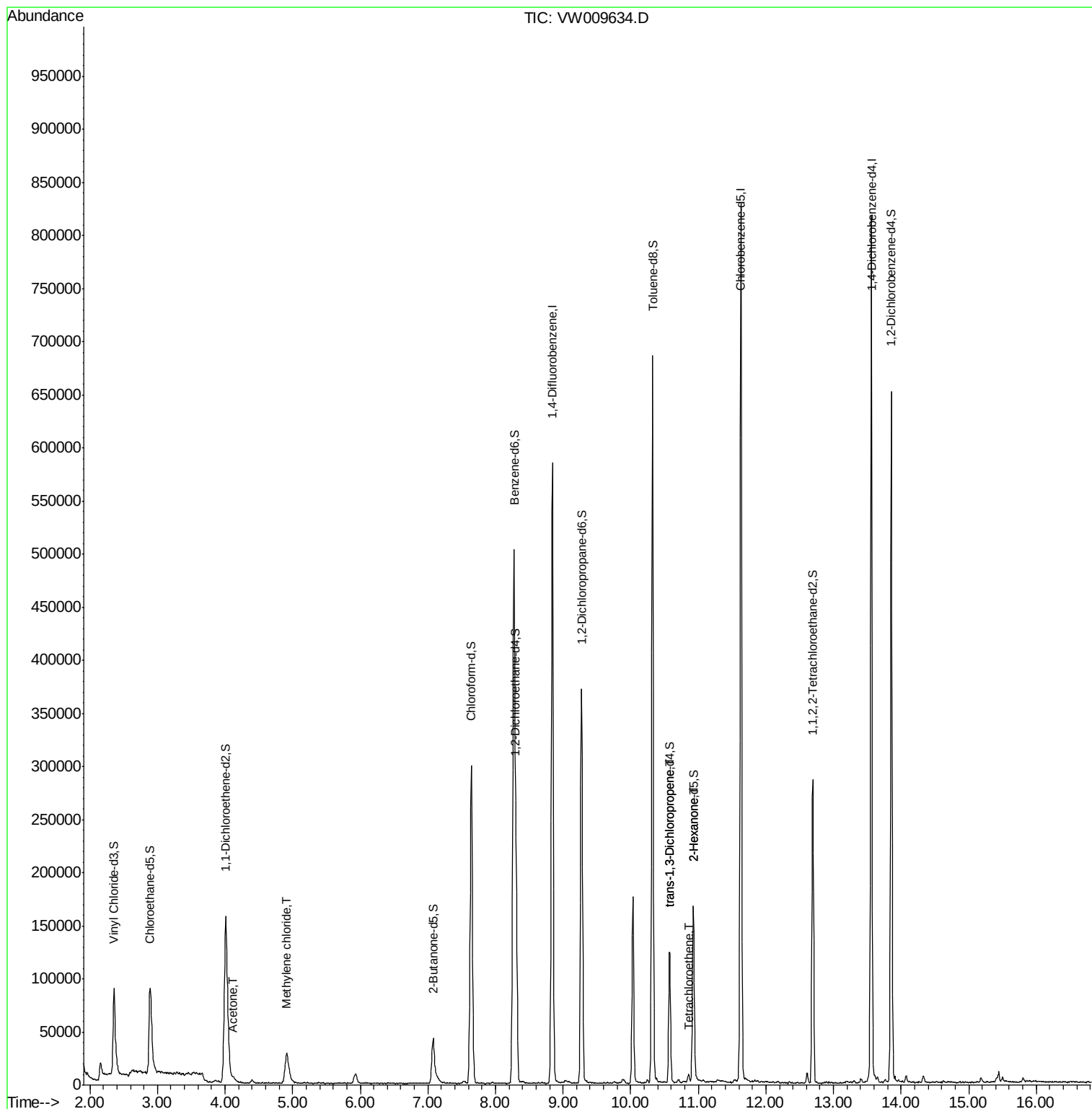
					Qvalue
13) Acetone	4.12	43	4291	2.363 ug/L	92
16) Methylene chloride	4.91	84	22948	3.512 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	3381	0.394 ug/L	89
47) Tetrachloroethene	10.86	164	1286	0.242 ug/L	91
49) 2-Hexanone	10.92	43	7727	1.998 ug/L #	81

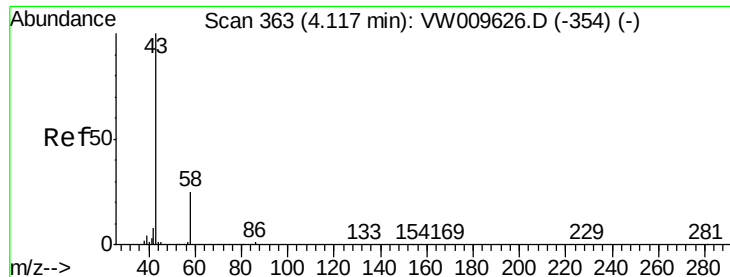
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.363 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 01 Apr 2019 20:11

Instrument :

MSVOA_W

ClientSampled :

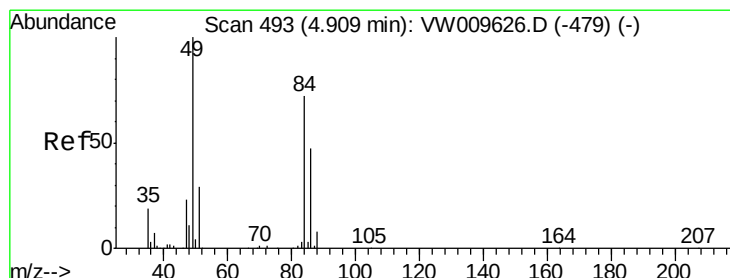
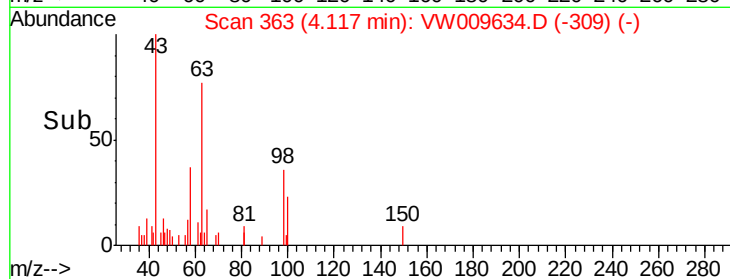
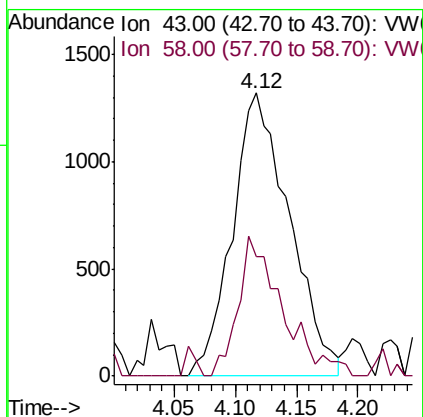
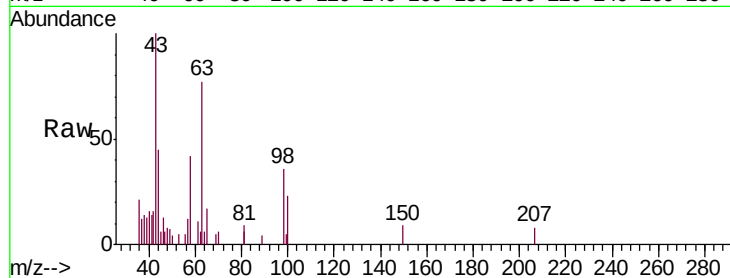
BF5A2

Tgt Ion: 43 Resp: 4291

Ion Ratio Lower Upper

43 100

58 32.2 0.0 56.2



#16

Methylene chloride

Concen: 3.512 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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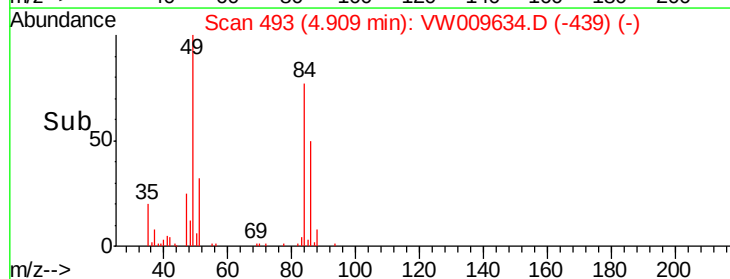
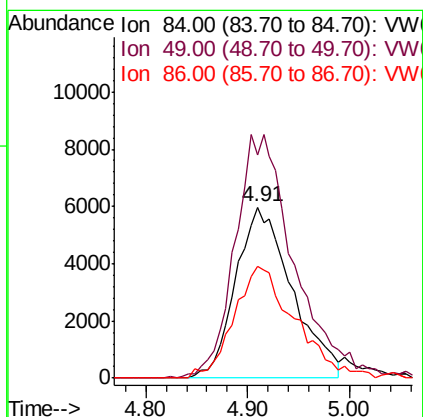
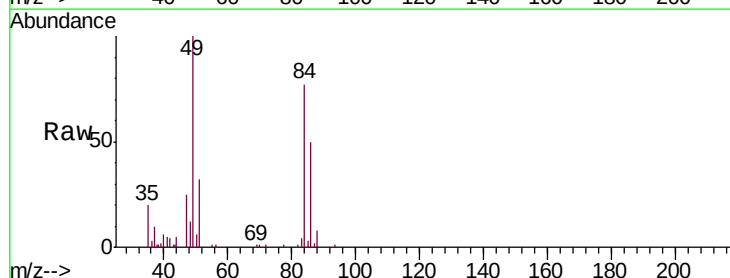
Tgt Ion: 84 Resp: 22948

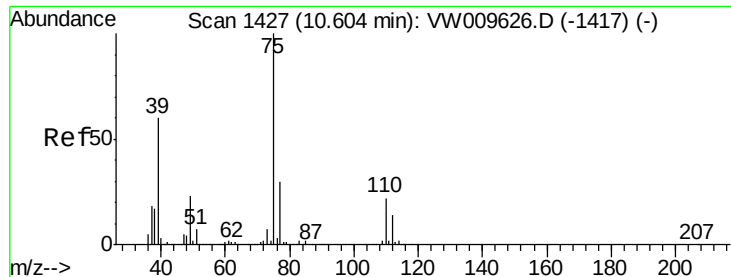
Ion Ratio Lower Upper

84 100

49 130.5 96.0 178.2

86 65.3 44.4 82.5





#45

trans-1,3-Dichloropropene

Concen: 0.394 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Acq: 01 Apr 2019 20:11

Instrument :

MSVOA_W

ClientSampleId :

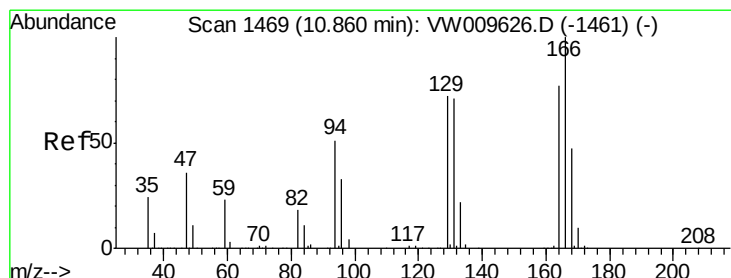
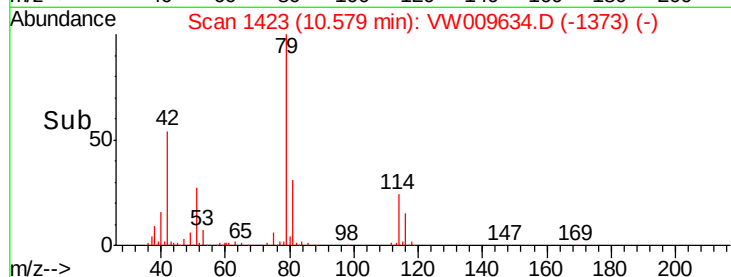
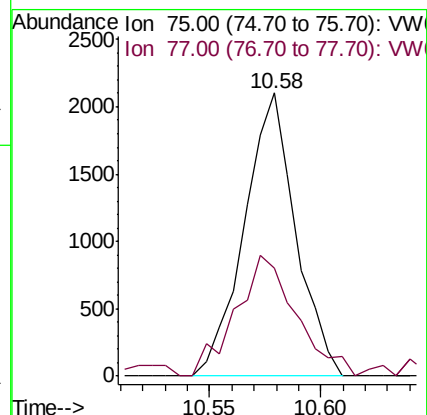
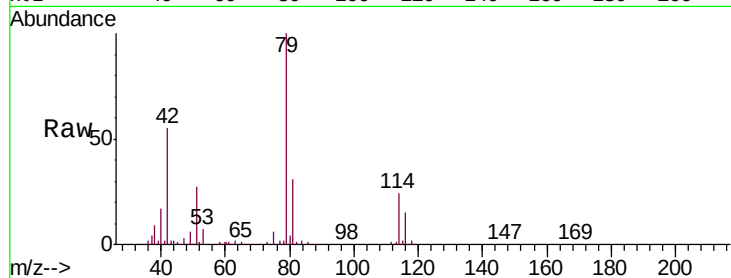
BF5A2

Tgt Ion: 75 Resp: 3381

Ion Ratio Lower Upper

75 100

77 38.0 22.5 41.7



#47

Tetrachloroethene

Concen: 0.242 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 01 Apr 2019 20:11

Tgt Ion: 164 Resp: 1286

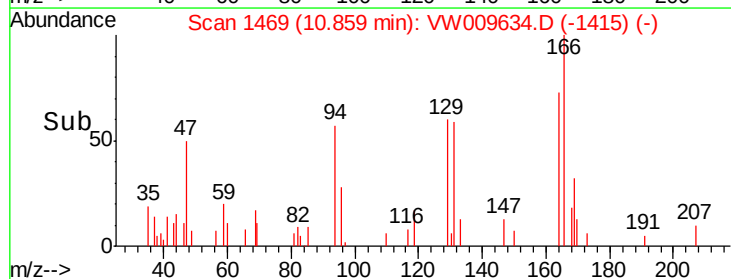
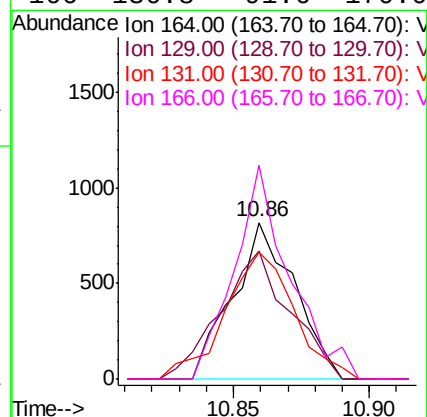
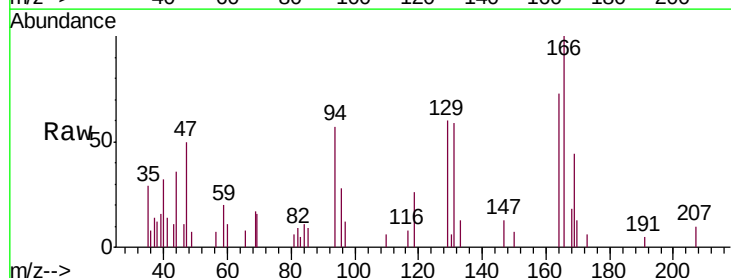
Ion Ratio Lower Upper

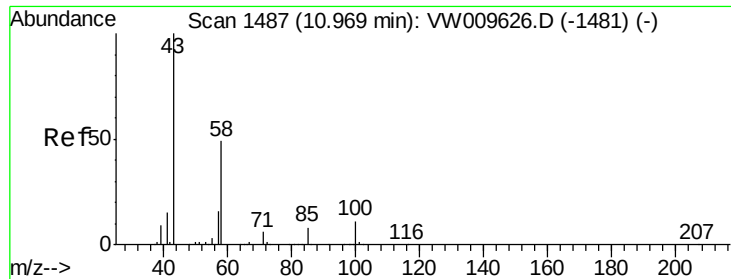
164 100

129 81.8 66.5 123.5

131 81.3 62.6 116.3

166 136.8 91.6 170.0





#49

2-Hexanone

Concen: 1.998 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW009634.D

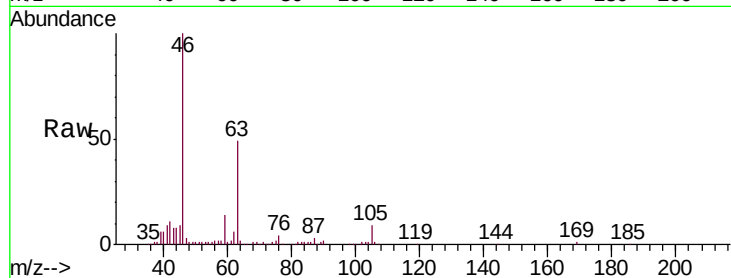
Acq: 01 Apr 2019 20:11

Instrument :

MSVOA_W

ClientSampleId :

BF5A2



Tgt Ion: 43 Resp: 7727

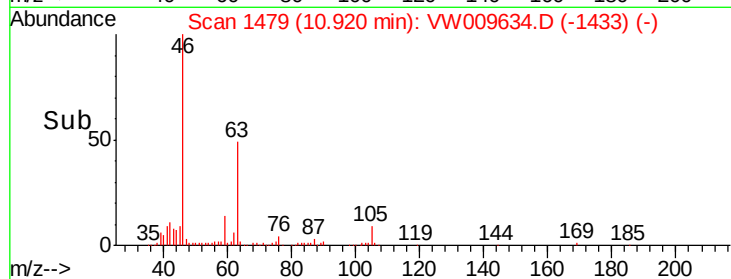
Ion Ratio Lower Upper

43 100

58 42.3 39.2 58.8

57 35.7 14.2 21.2#

100 2.7 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

