

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009164.D
 Acq On : 04 Jan 2019 16:51
 Operator : SY/MD
 Sample : VV0104SBL01
 Misc : 5.00 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Quant Time: Jan 05 05:03:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178229	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160352	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25133	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.48%
7) Chloroethane-d5	1.58	69	28701	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	2.13	63	63174	15.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	31329	36.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.06%
24) Chloroform-d	4.40	84	80179	21.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	5.08	65	44026	21.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.72%
29) Benzene-d6	5.10	84	162977	22.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.24%
33) 1,2-Dichloropropane-d6	6.12	67	46952	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.68%
37) Toluene-d8	7.36	98	147859	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.76%
38) trans-1,3-Dichloropropene-	7.67	79	19416	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.92%
39) 2-Hexanone-d5	8.15	63	20122	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46476	20.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	56389	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds

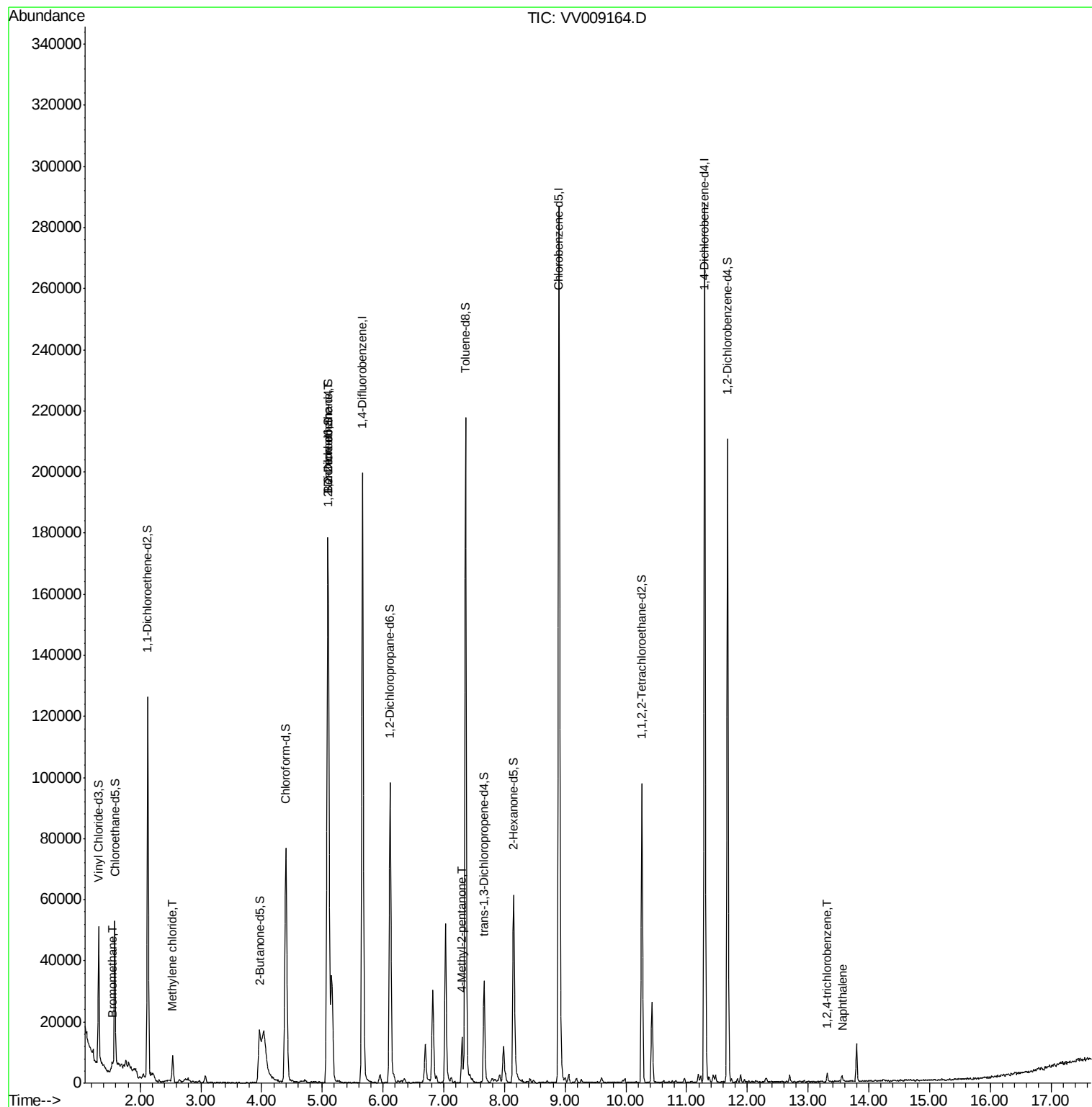
					Qvalue
6) Bromomethane	1.54	94	596	0.407 ug/L	98
16) Methylene chloride	2.53	84	3654	1.372 ug/L	86
27) 1,2-Dichloroethane	5.09	62	845	0.305 ug/L #	73
43) 4-Methyl-2-pentanone	7.30	43	2352	1.188 ug/L #	62
68) 1,2,4-trichlorobenzene	13.32	180	1088	0.340 ug/L #	94
69) Naphthalene	13.56	128	2324	0.356 ug/L #	88

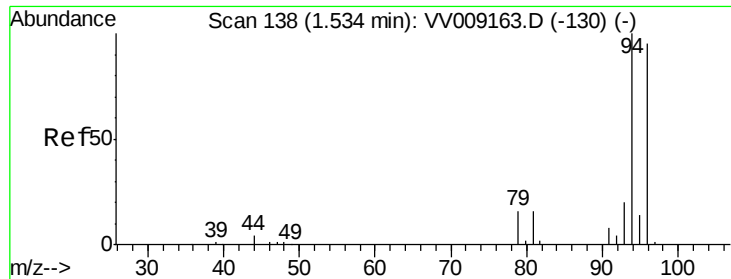
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Quant Time: Jan 05 05:03:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.407 ug/L

RT: 1.54 min Scan# 140

Delta R.T. 0.01 min

Lab File: VV009164.D

Acq: 04 Jan 2019 16:51

Instrument :

MSVOA_V

ClientSampleId :

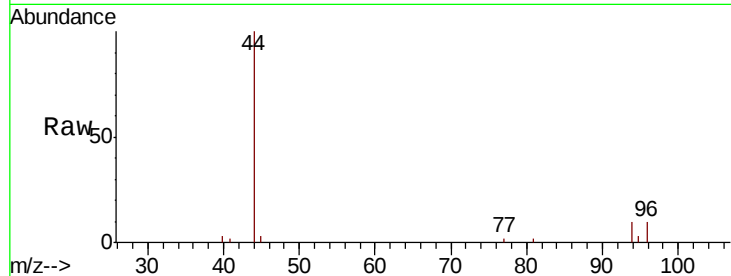
VBLK76

Tgt Ion: 94 Resp: 596

Ion Ratio Lower Upper

94 100

96 99.5 9.7 185.1



Abundance Ion 94.00 (93.70 to 94.70): VV009163.D (-130) (-)

Ion 96.00 (95.70 to 96.70): VV009163.D (-130) (-)

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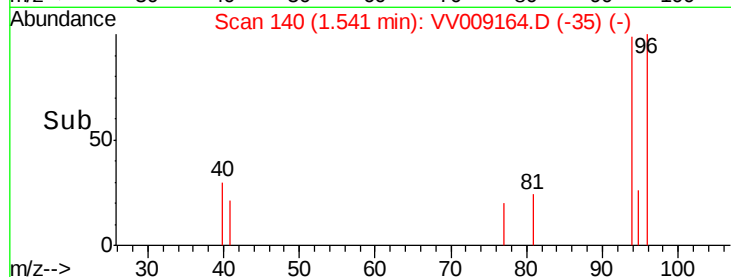
1.54

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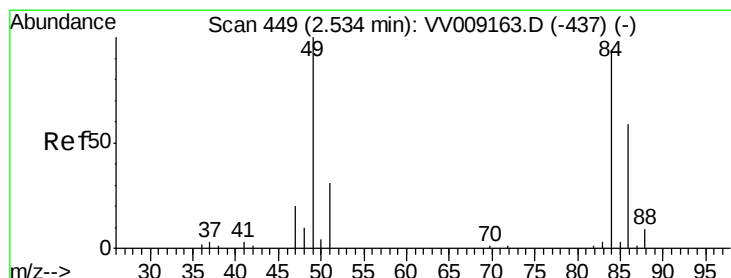
1.54

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Time-->



#16

Methylene chloride

Concen: 1.372 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009164.D

Acq: 04 Jan 2019 16:51

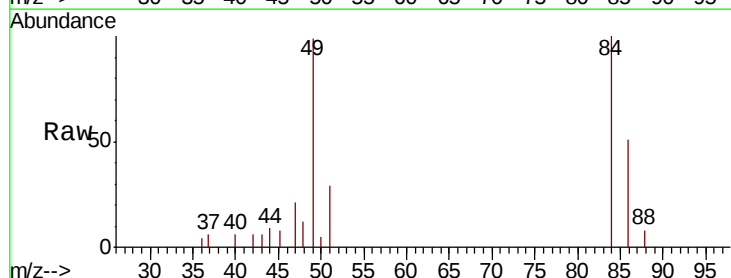
Tgt Ion: 84 Resp: 3654

Ion Ratio Lower Upper

84 100

49 99.4 77.6 144.2

86 51.3 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009163.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009163.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009163.D (-437) (-)

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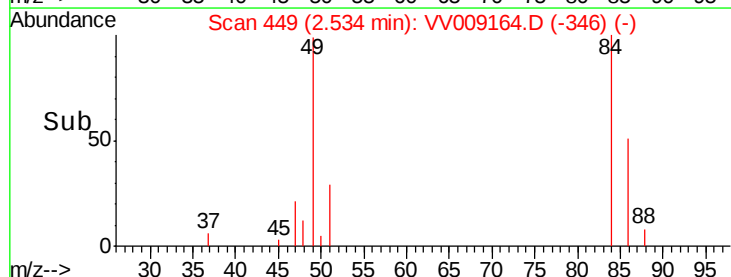
2.53

2.53

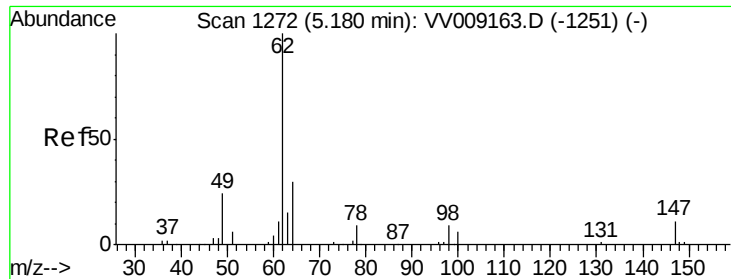
2.53

2.53

2.53



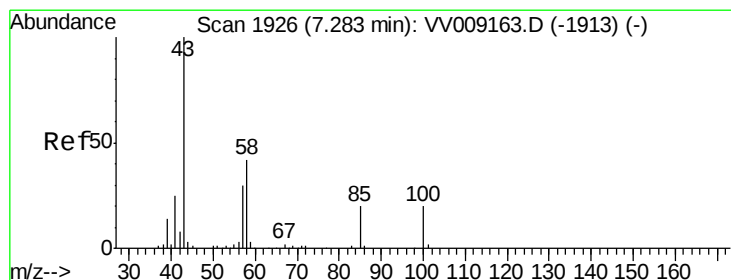
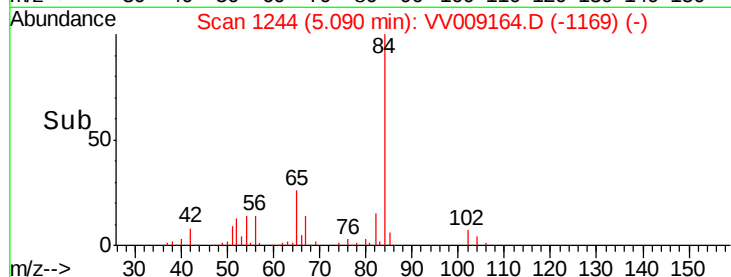
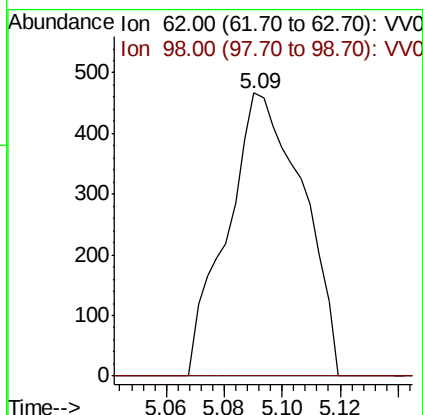
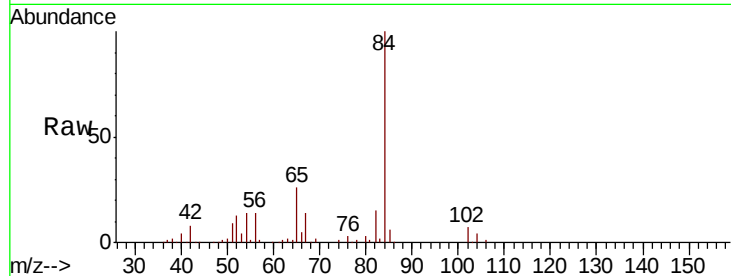
Time-->



#27
 1,2-Dichloroethane
 Concen: 0.305 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV009164.D
 Acq: 04 Jan 2019 16:51

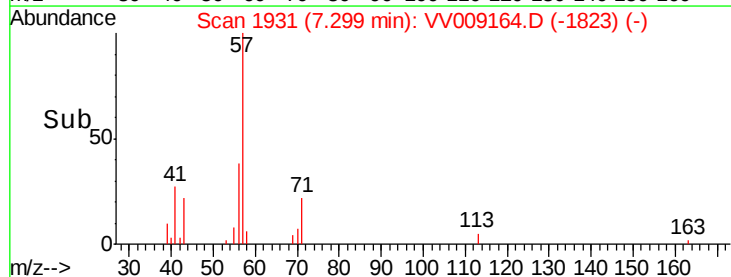
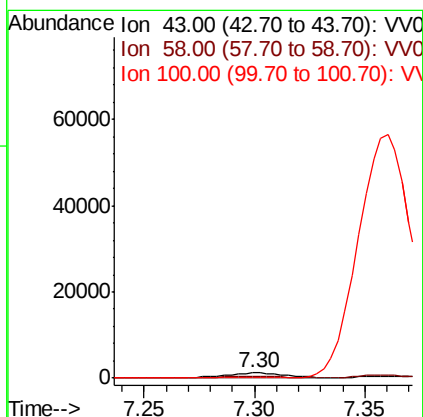
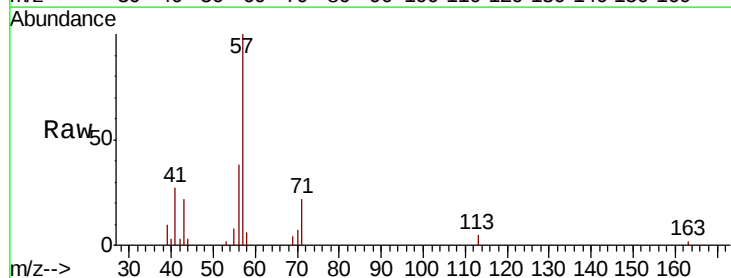
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK76

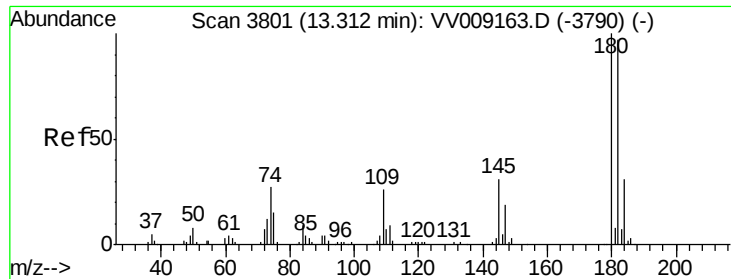
Tgt Ion: 62 Resp: 845
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#



#43
 4-Methyl-2-pentanone
 Concen: 1.188 ug/L
 RT: 7.30 min Scan# 1931
 Delta R.T. 0.02 min
 Lab File: VV009164.D
 Acq: 04 Jan 2019 16:51

Tgt Ion: 43 Resp: 2352
 Ion Ratio Lower Upper
 43 100
 58 18.8 33.4 50.2#
 100 0.0 15.2 22.8#





#68

1,2,4-trichlorobenzene

Concen: 0.340 ug/L

RT: 13.32 min Scan# 3802

Delta R.T. 0.00 min

Lab File: VV009164.D

Acq: 04 Jan 2019 16:51

Instrument :

MSVOA_V

ClientSampleId :

VBLK76

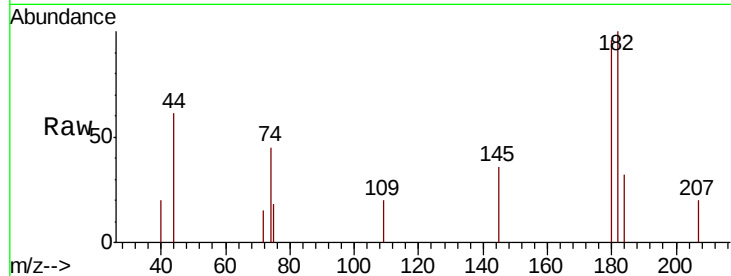
Tgt Ion:180 Resp: 1088

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

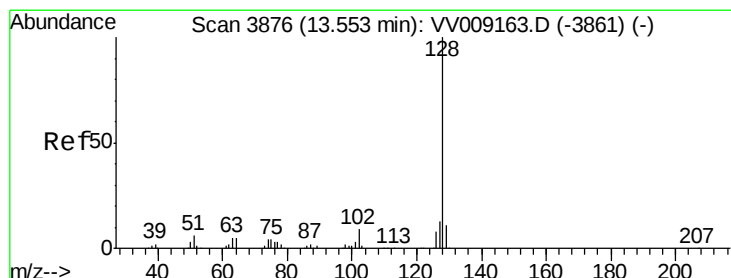
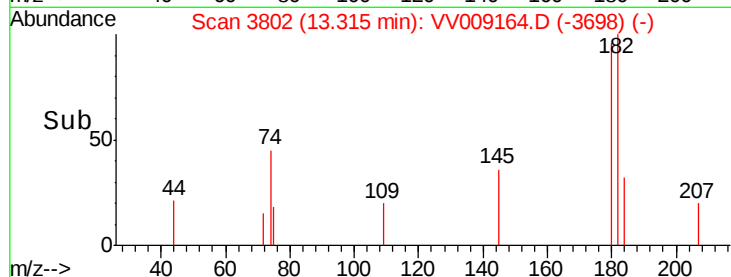
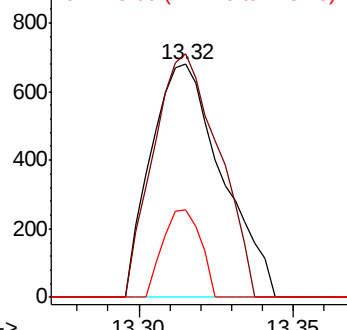
145 20.0 25.4 38.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#69

Naphthalene

Concen: 0.356 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV009164.D

Acq: 04 Jan 2019 16:51

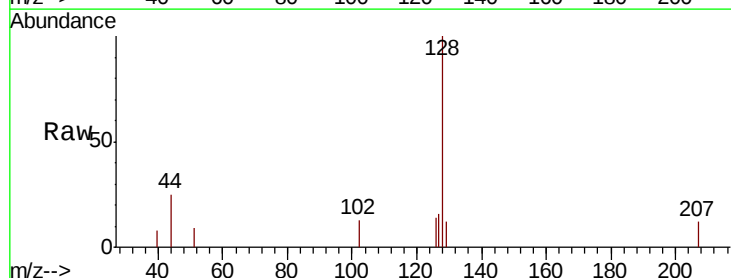
Tgt Ion:128 Resp: 2324

Ion Ratio Lower Upper

128 100

129 6.3 9.0 13.4#

127 8.4 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

