

Data File : VV013966.D
Acq On : 09 Dec 2019 16:59
Operator : SY/MD
Sample : K6148-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBS6

Quant Time: Dec 10 04:33:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	681638	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	632121	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	278452	50.00	ug/L	0.00

System Monitoring Compounds

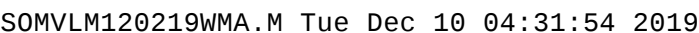
4) Vinyl Chloride-d3	1.32	65	175139	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.86%
7) Chloroethane-d5	1.56	69	187914	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.34%
11) 1,1-Dichloroethene-d2	2.12	63	287363	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	3.92	46	257094	92.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.65%
24) Chloroform-d	4.39	84	355420	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
26) 1,2-Dichloroethane-d4	5.07	65	226817	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
32) Benzene-d6	5.09	84	734682	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
36) 1,2-Dichloropropane-d6	6.11	67	235866	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.35	98	623508	41.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.50%
43) trans-1,3-Dichloropropene-	7.66	79	92527	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.34%
47) 2-Hexanone-d5	8.13	63	171167	93.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.23%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	308944	43.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	255312	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%

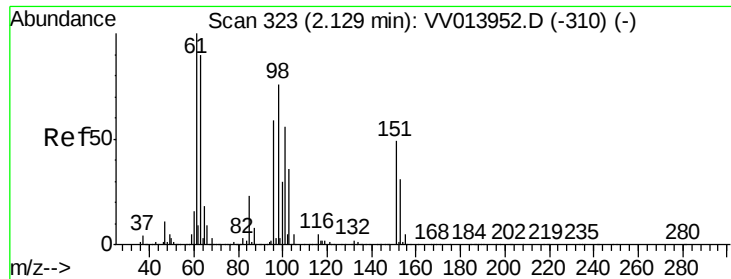
Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3673	0.716 ug/L	# 17
13) Acetone	2.18	43	6978	1.716 ug/L	57
15) Methyl Acetate	2.46	43	6264	1.250 ug/L	92
16) Methylene chloride	2.53	84	10049	1.949 ug/L	88
62) 1,3-Dichlorobenzene	11.23	146	4951	0.542 ug/L	84
63) 1,4-Dichlorobenzene	11.31	146	5885	0.623 ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	5224	0.704 ug/L	93
68) 1,2,4-trichlorobenzene	13.31	180	6238	0.932 ug/L	94
69) Naphthalene	13.55	128	31110	1.770 ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	7490	1.070 ug/L	98

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

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Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.716 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013966.D

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Instrument :

MSVOA_V

ClientSampleId :

DBBS6

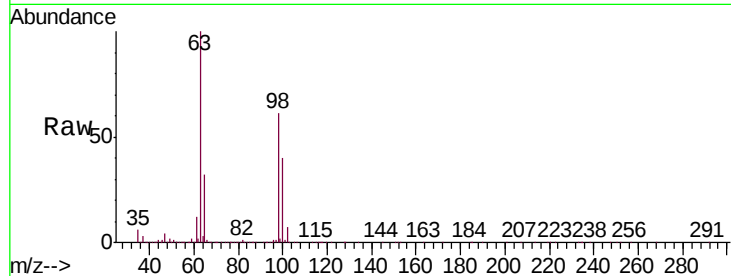
Tgt Ion: 101 Resp: 3673

Ion Ratio Lower Upper

101 100

85 4.6 32.5 48.7#

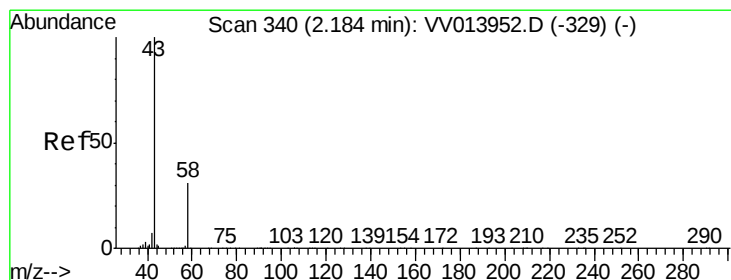
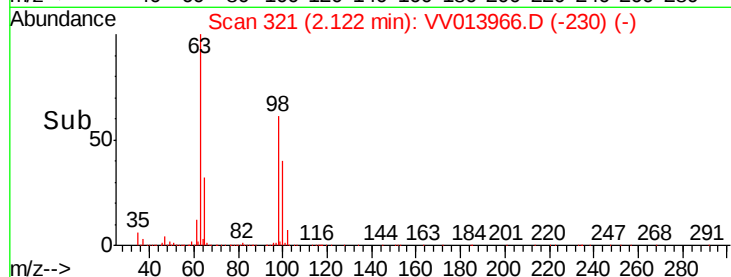
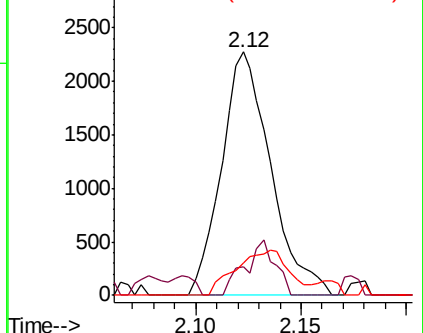
151 0.0 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.716 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013966.D

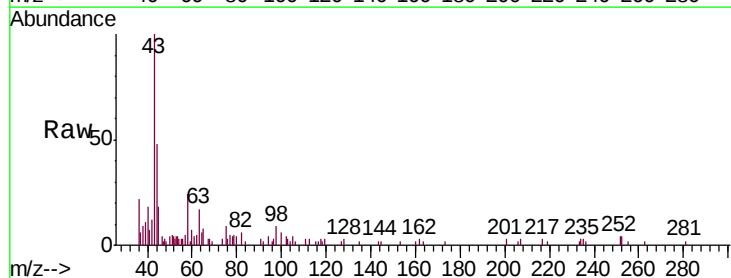
Acq: 09 Dec 2019 16:59

Tgt Ion: 43 Resp: 6978

Ion Ratio Lower Upper

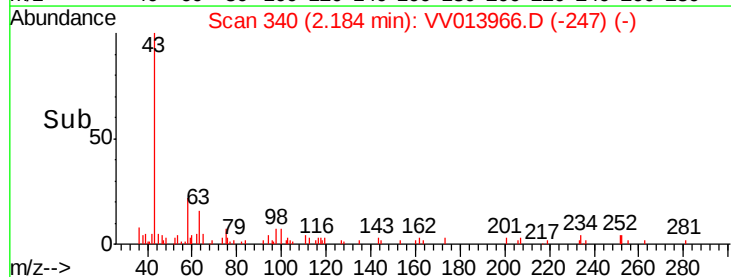
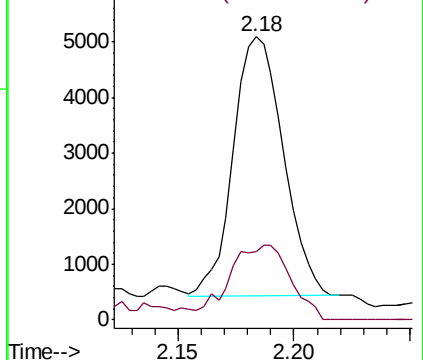
43 100

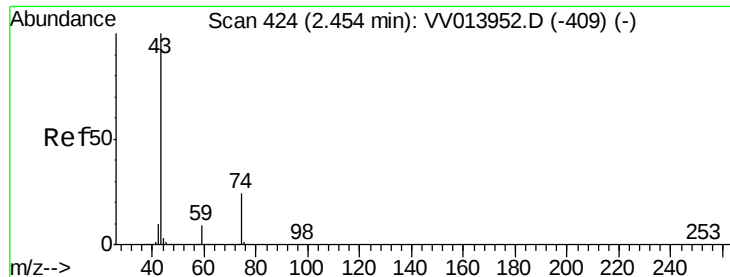
58 7.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#15

Methyl Acetate

Concen: 1.250 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

Instrument :

MSVOA_V

ClientSampleId :

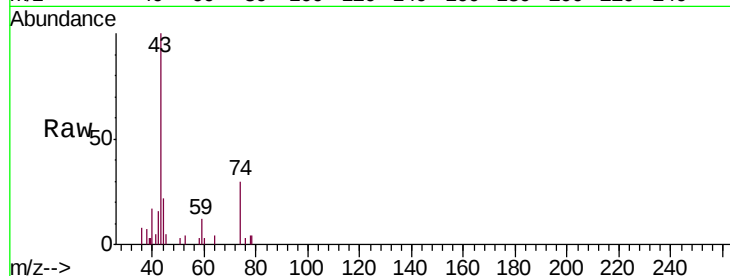
DBBS6

Tgt Ion: 43 Resp: 6264

Ion Ratio Lower Upper

43 100

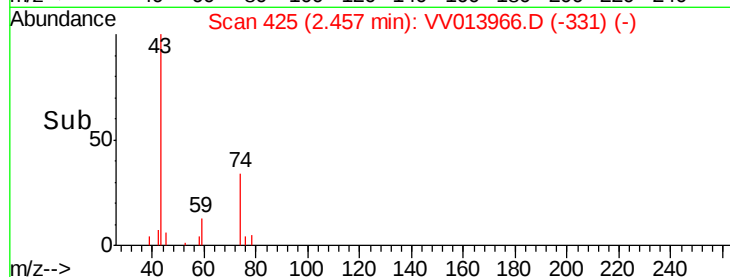
74 28.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV013952.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV013952.D (-409) (-)

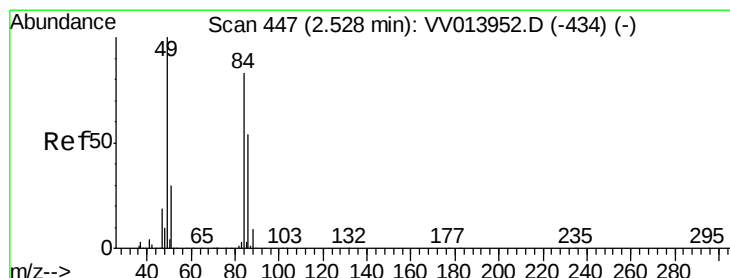
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VV013966.D (-331) (-)

Ion 74.00 (73.70 to 74.70): VV013966.D (-331) (-)

Time-->



#16

Methylene chloride

Concen: 1.949 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

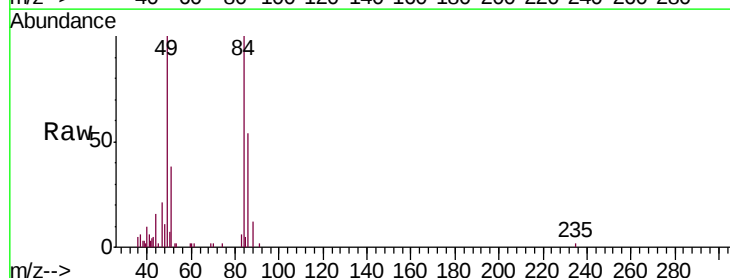
Tgt Ion: 84 Resp: 10049

Ion Ratio Lower Upper

84 100

86 54.0 43.9 81.5

49 99.8 79.7 147.9

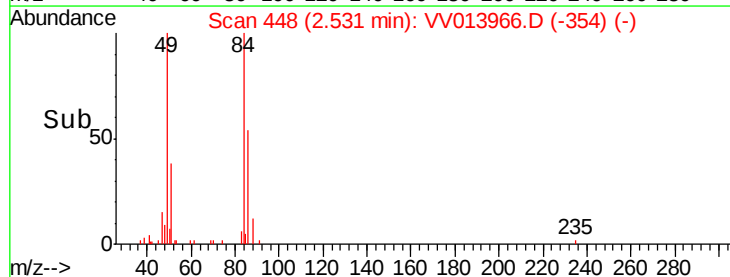


Abundance Ion 84.00 (83.70 to 84.70): VV013952.D (-434) (-)

Ion 86.00 (85.70 to 86.70): VV013952.D (-434) (-)

Ion 49.00 (48.70 to 49.70): VV013952.D (-434) (-)

Time-->

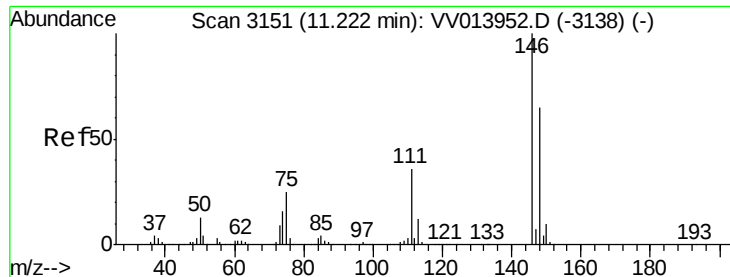


Abundance Ion 84.00 (83.70 to 84.70): VV013966.D (-354) (-)

Ion 86.00 (85.70 to 86.70): VV013966.D (-354) (-)

Ion 49.00 (48.70 to 49.70): VV013966.D (-354) (-)

Time-->



#62

1,3-Dichlorobenzene

Concen: 0.542 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

Instrument :

MSVOA_V

ClientSampleId :

DBBS6

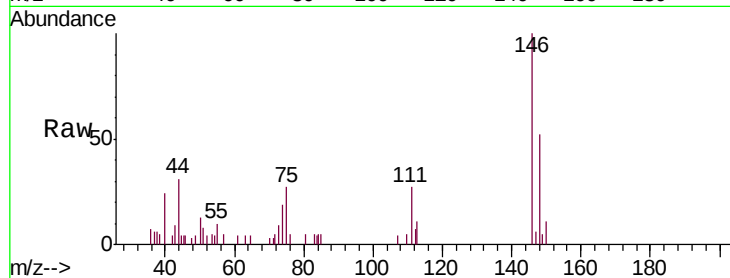
Tgt Ion:146 Resp: 4951

Ion Ratio Lower Upper

146 100

111 27.5 25.8 48.0

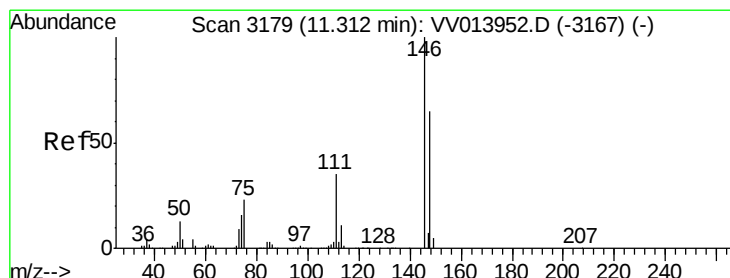
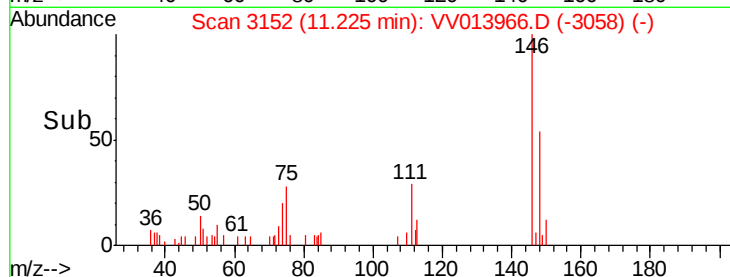
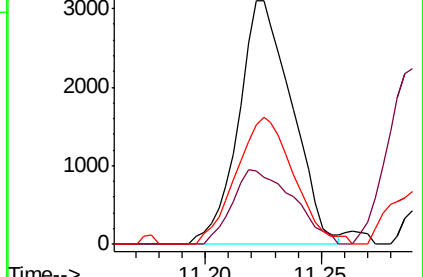
148 52.0 45.2 84.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.623 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

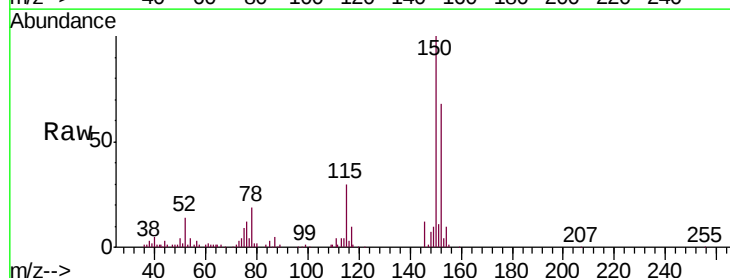
Tgt Ion:146 Resp: 5885

Ion Ratio Lower Upper

146 100

111 33.2 25.4 47.2

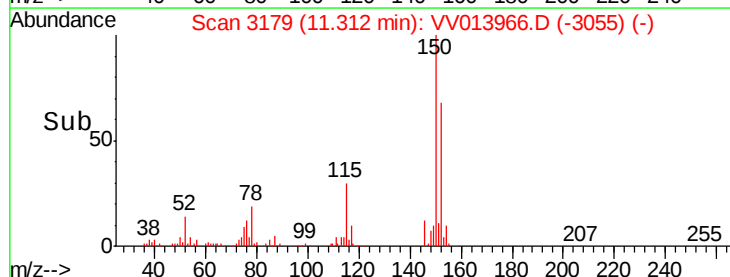
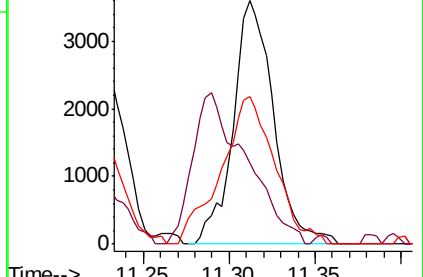
148 60.4 44.9 83.5

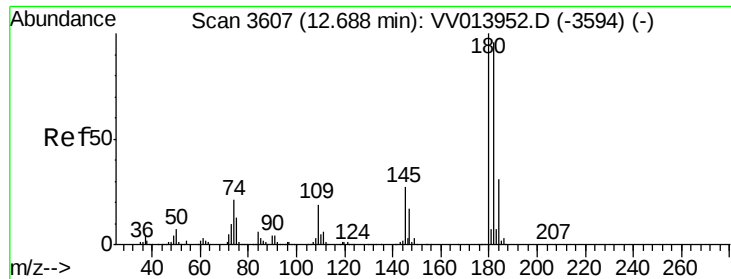


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#67

1,3,5-Trichlorobenzene

Concen: 0.704 ug/L

RT: 12.69 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

Instrument :

MSVOA_V

ClientSampleId :

DBBS6

Tgt Ion:180 Resp: 5224

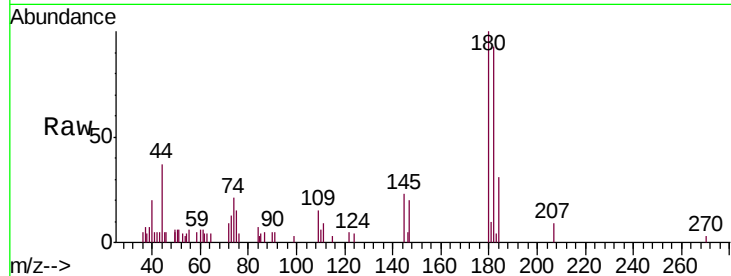
Ion Ratio Lower Upper

180 100

182 86.3 76.2 114.4

184 33.7 24.2 36.4

145 25.9 21.1 31.7



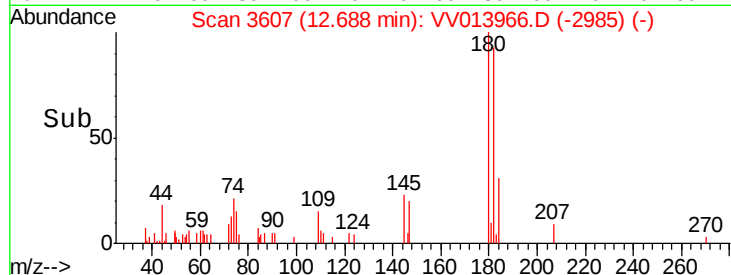
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

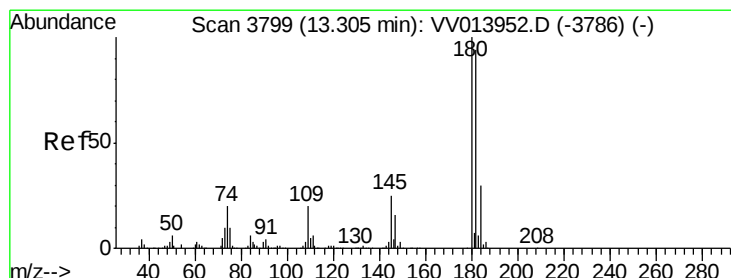
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

Time-->



Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.932 ug/L

RT: 13.31 min Scan# 3800

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

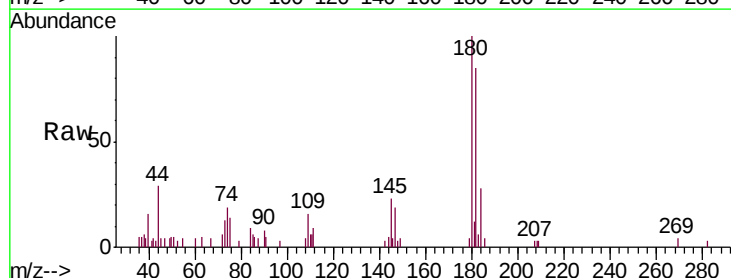
Tgt Ion:180 Resp: 6238

Ion Ratio Lower Upper

180 100

182 89.0 76.2 114.4

145 25.6 21.9 32.9

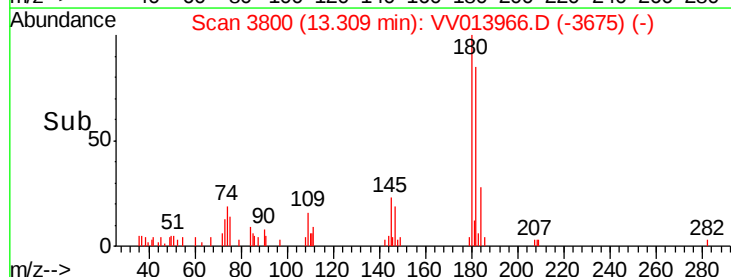


Abundance Ion 180.00 (179.70 to 180.70): V

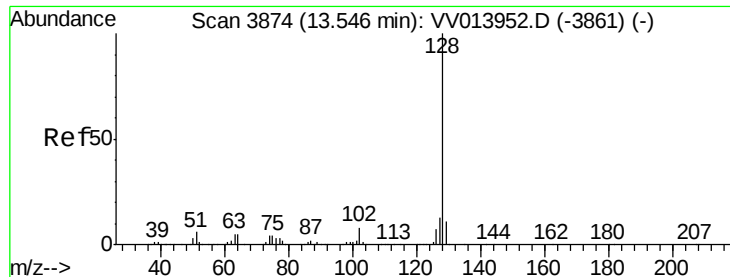
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

Time-->



Time-->



#69

Naphthalene

Concen: 1.770 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

Instrument :

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ClientSampleId :

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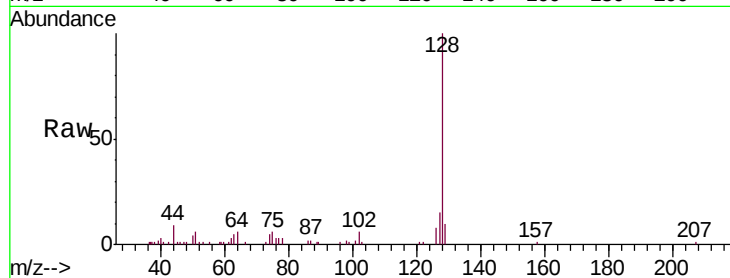
Tgt Ion:128 Resp: 31110

Ion Ratio Lower Upper

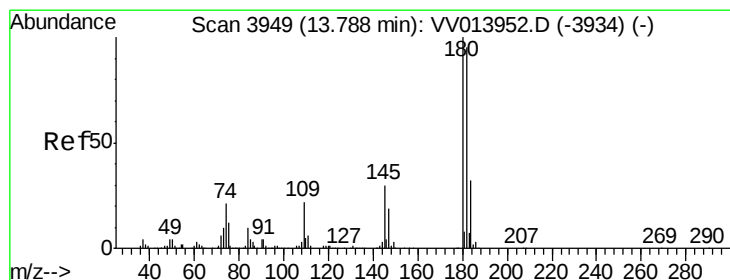
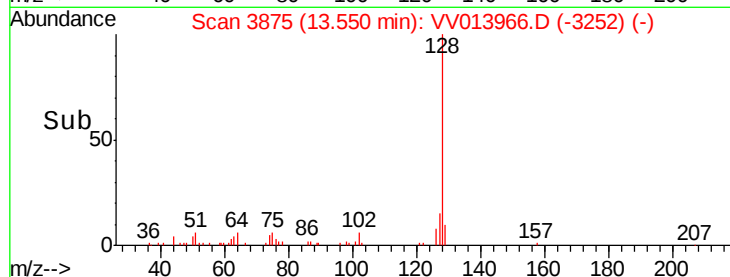
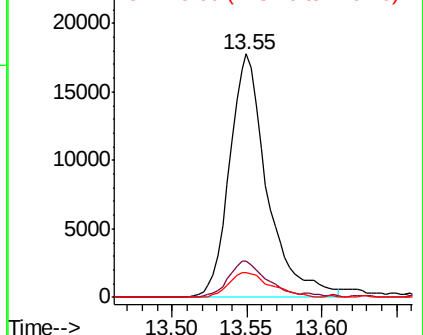
128 100

127 15.0 10.5 15.7

129 11.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.070 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VV013966.D

Acq: 09 Dec 2019 16:59

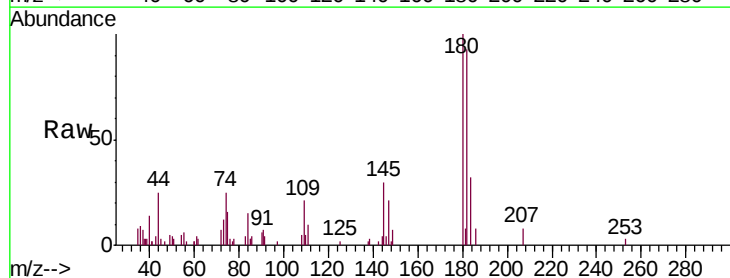
Tgt Ion:180 Resp: 7490

Ion Ratio Lower Upper

180 100

182 98.6 77.0 115.4

145 27.1 22.6 34.0



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

