

Data File : VV012406.D
Acq On : 26 Aug 2019 17:16
Operator : SY/MD
Sample : K4500-08DL 40X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK2DL

Quant Time: Aug 27 02:25:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222094	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	218144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85404	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48630	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	35328	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	64582	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.97	46	152159	50.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	4.40	84	119023	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	62278	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	242541	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.12	67	76741	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	195038	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.67	79	25691	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	77824	41.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43438	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	69976	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

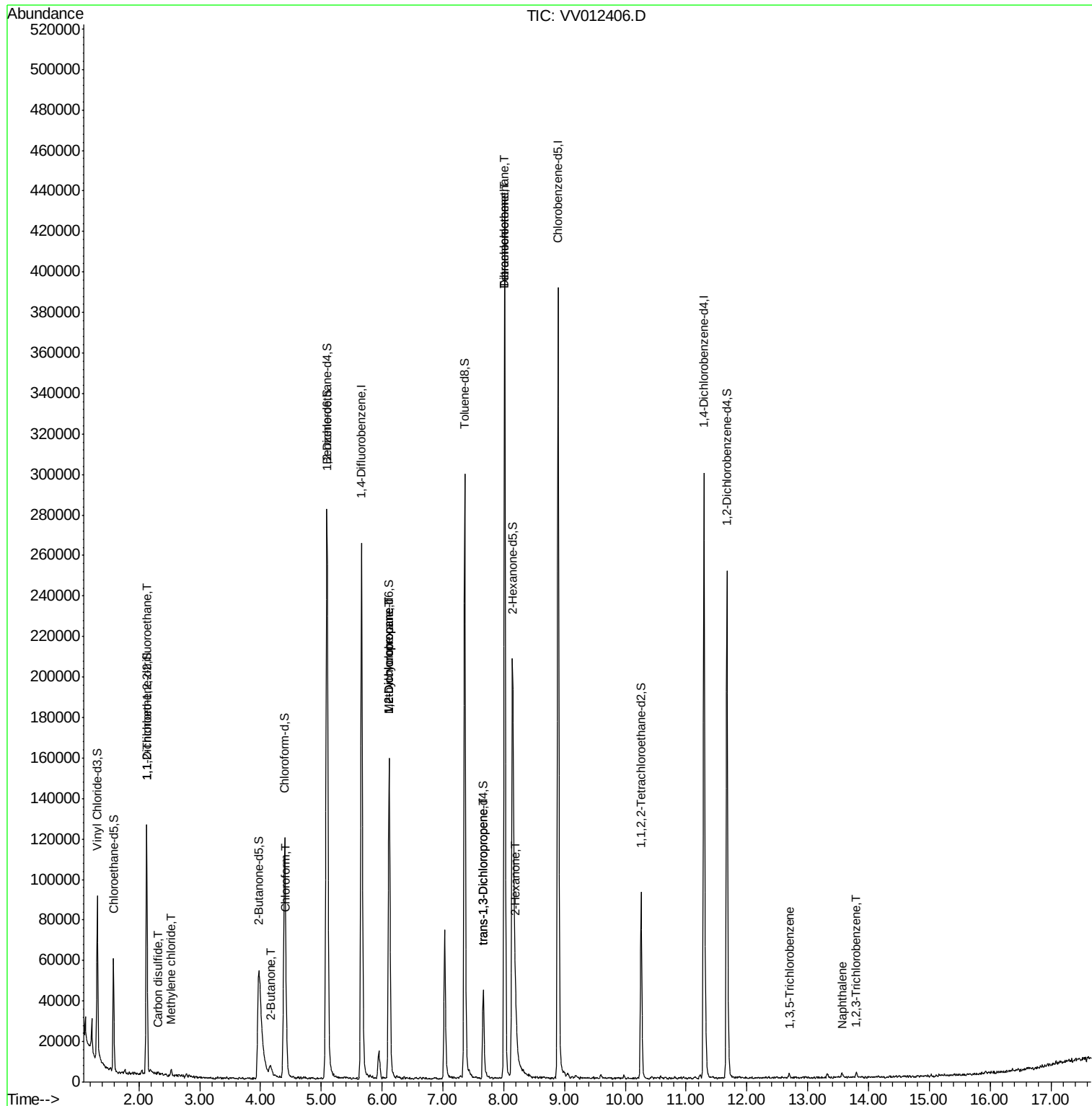
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	769	0.078	ug/L #	21
14) Carbon disulfide	2.32	76	1241	0.044	ug/L #	43
16) Methylene chloride	2.53	84	1261	0.127	ug/L #	78
21) 2-Butanone	4.16	43	8093	2.662	ug/L #	51
25) Chloroform	4.43	83	7160	0.261	ug/L	96
35) Methylcyclohexane	6.12	83	18202	0.772	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8726	0.619	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1455	0.102	ug/L #	70
47) Tetrachloroethene	8.02	164	98359	8.120	ug/L	98
48) 2-Hexanone	8.20	43	19920	3.656	ug/L #	81
49) Dibromochloromethane	8.02	129	82872	7.573	ug/L #	11
67) 1,3,5-Trichlorobenzene	12.69	180	897	0.051	ug/L #	95
69) Naphthalene	13.56	128	2174	0.127	ug/L #	87
70) 1,2,3-Trichlorobenzene	13.80	180	1154	0.100	ug/L	88

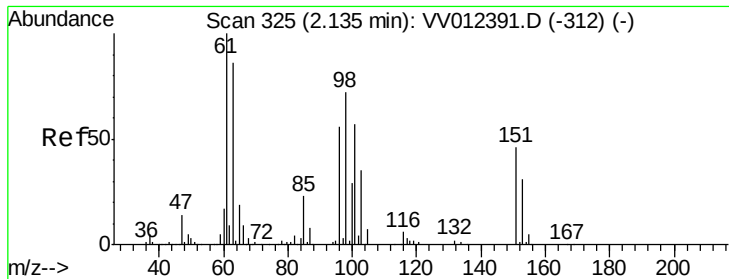
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012406.D

Acq: 26 Aug 2019 17:16

Instrument :

MSVOA_V

ClientSampleId :

GANK2DL

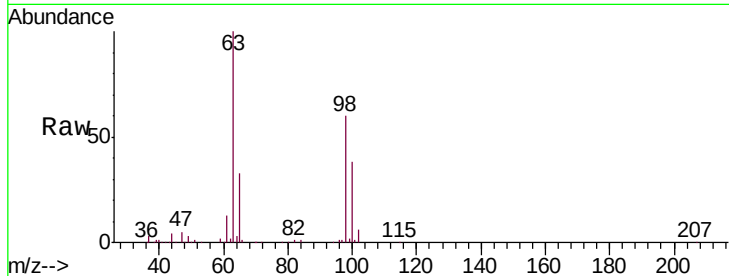
Tgt Ion: 101 Resp: 769

Ion Ratio Lower Upper

101 100

85 5.3 34.6 51.8#

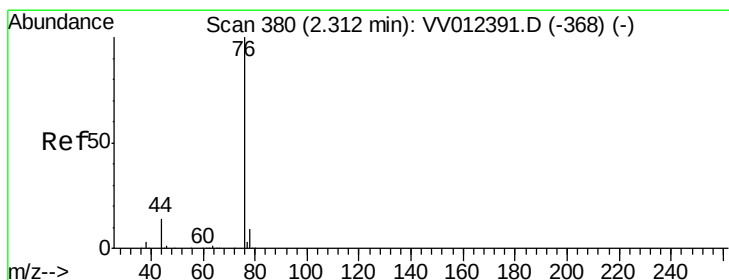
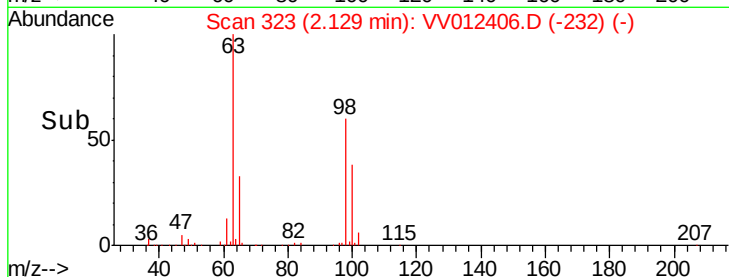
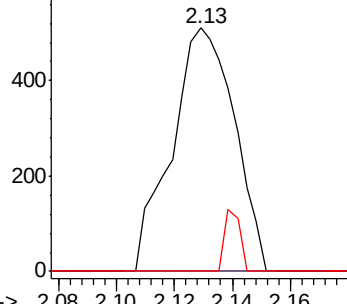
151 6.1 71.2 106.8#



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



#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012406.D

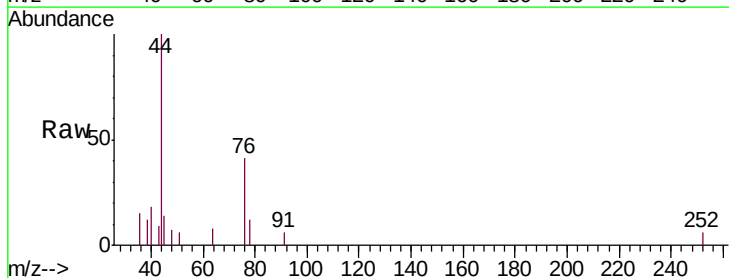
Acq: 26 Aug 2019 17:16

Tgt Ion: 76 Resp: 1241

Ion Ratio Lower Upper

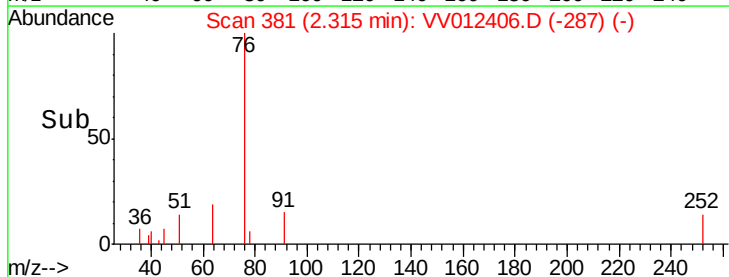
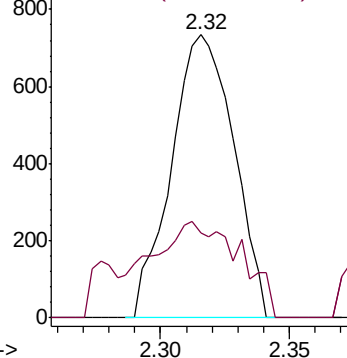
76 100

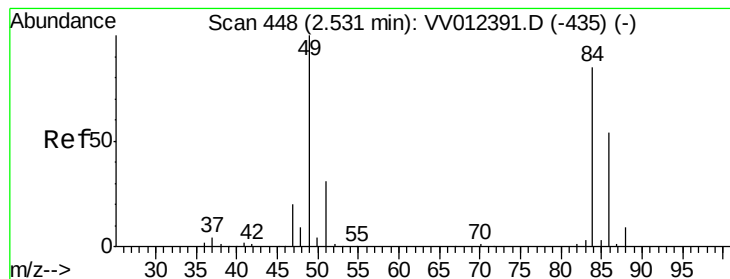
78 29.8 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#16

Methylene chloride

Concen: 0.127 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV012406.D

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Instrument :

MSVOA_V

ClientSampleId :

GANK2DL

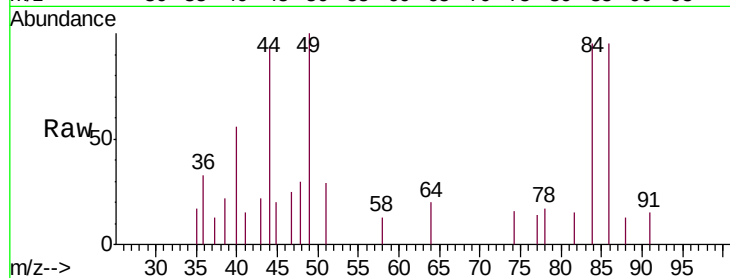
Tgt Ion: 84 Resp: 1261

Ion Ratio Lower Upper

84 100

86 99.5 44.9 83.5#

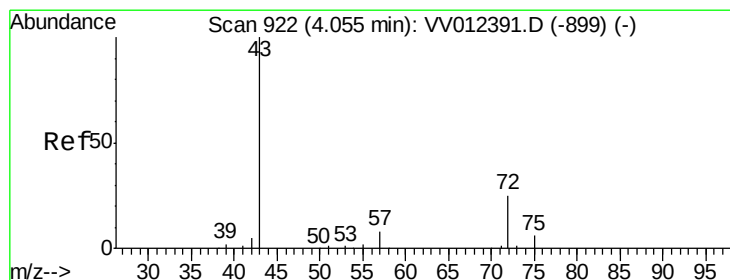
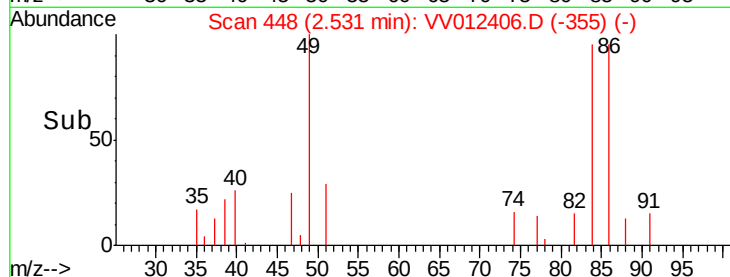
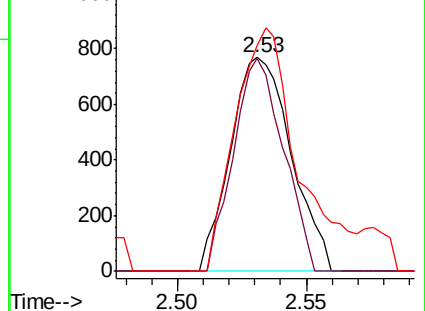
49 105.2 81.1 150.7



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#21

2-Butanone

Concen: 2.662 ug/L

RT: 4.16 min Scan# 955

Delta R.T. 0.11 min

Lab File: VV012406.D

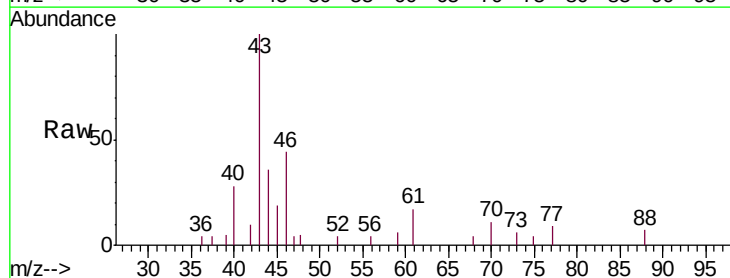
Acq: 26 Aug 2019 17:16

Tgt Ion: 43 Resp: 8093

Ion Ratio Lower Upper

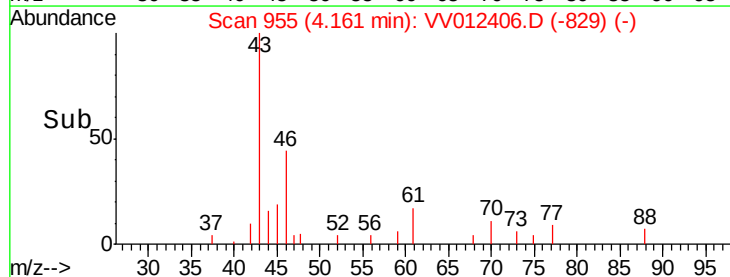
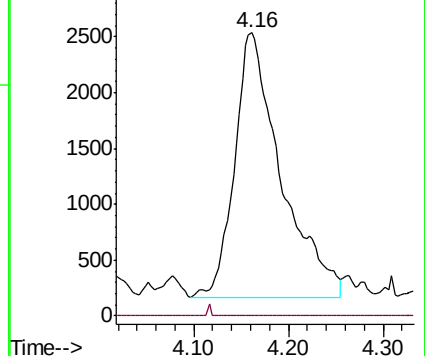
43 100

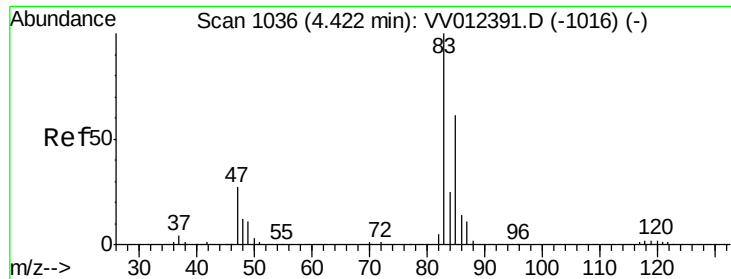
72 0.3 12.2 36.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

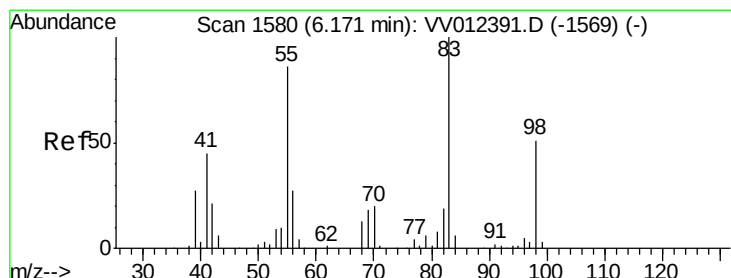
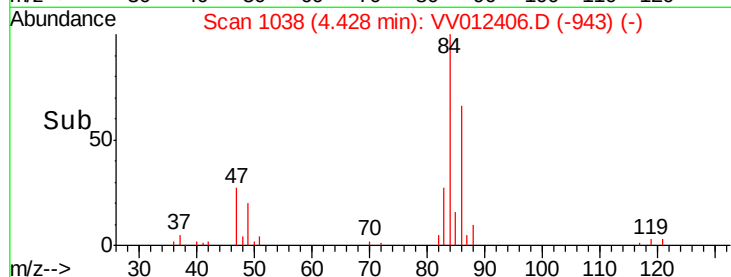
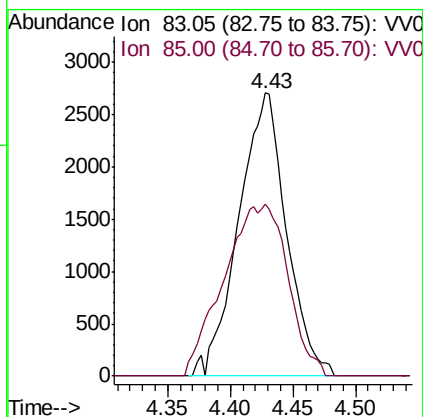
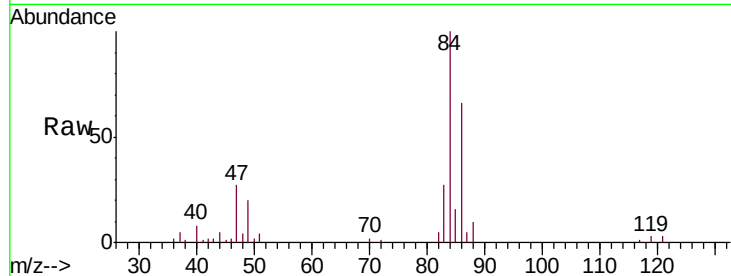




#25
Chloroform
Concen: 0.261 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012406.D
Acq: 26 Aug 2019 17:16

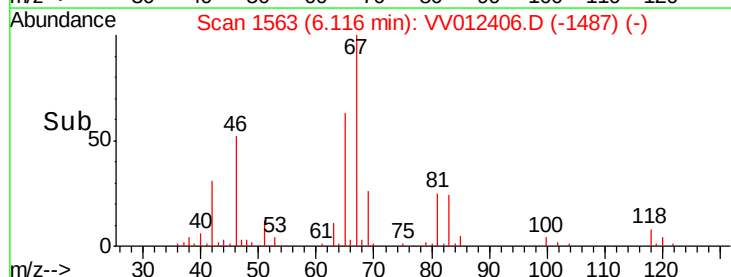
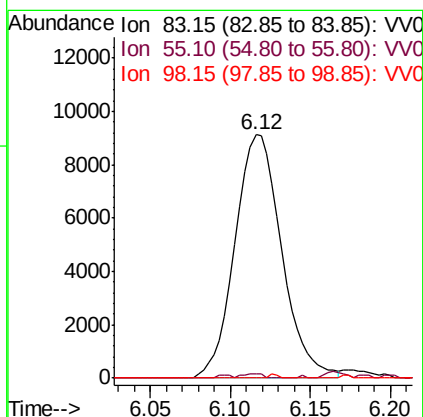
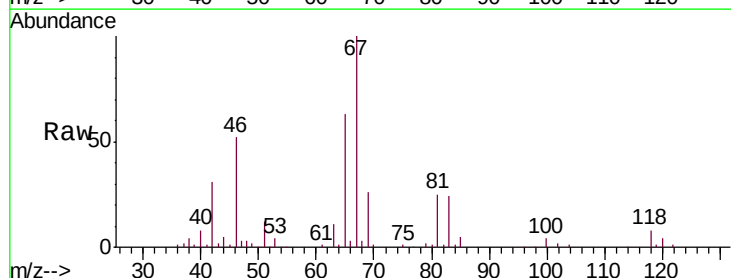
Instrument :
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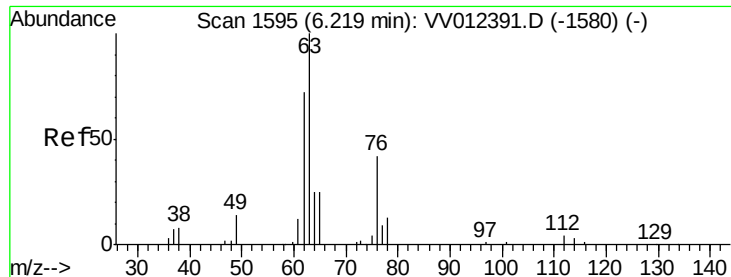
Tgt Ion: 83 Resp: 7160
Ion Ratio Lower Upper
83 100
85 60.7 44.6 82.8



#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012406.D
Acq: 26 Aug 2019 17:16

Tgt Ion: 83 Resp: 18202
Ion Ratio Lower Upper
83 100
55 0.7 64.6 97.0#
98 0.3 39.0 58.4#

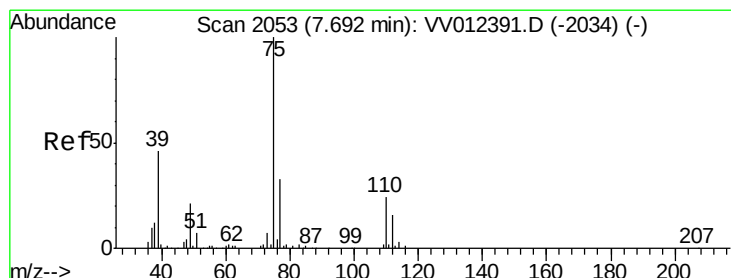
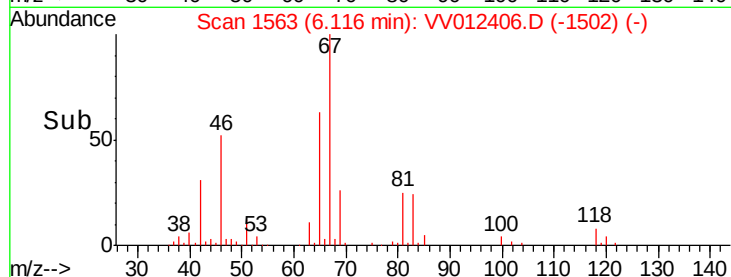
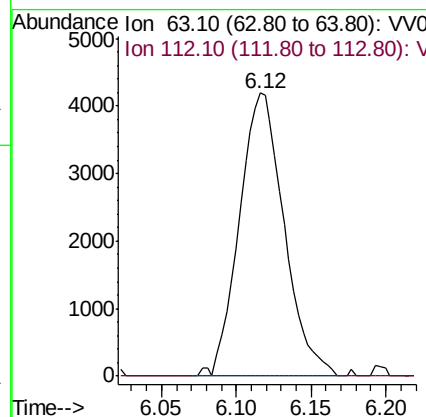
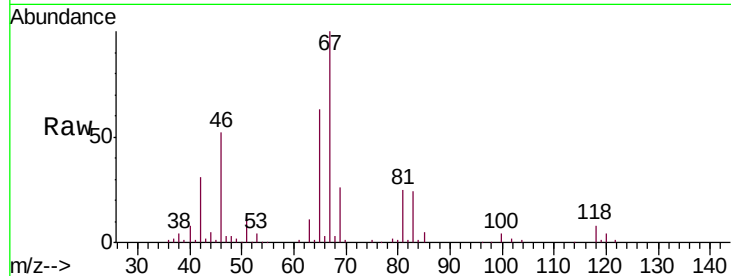




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012406.D
 Acq: 26 Aug 2019 17:16

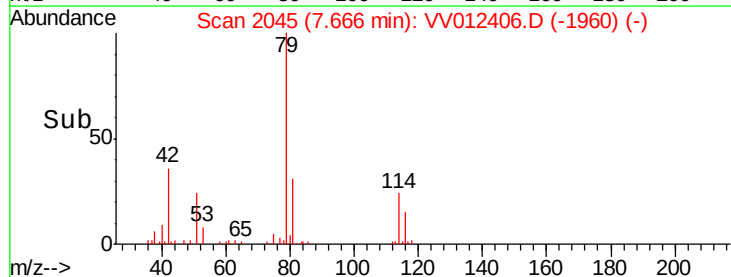
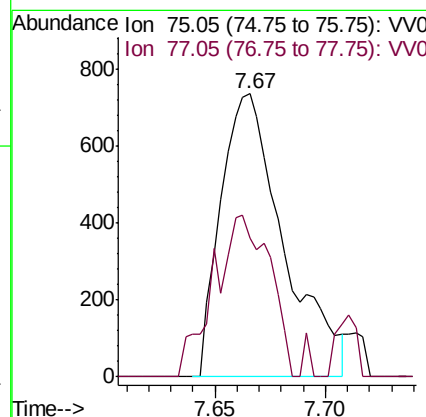
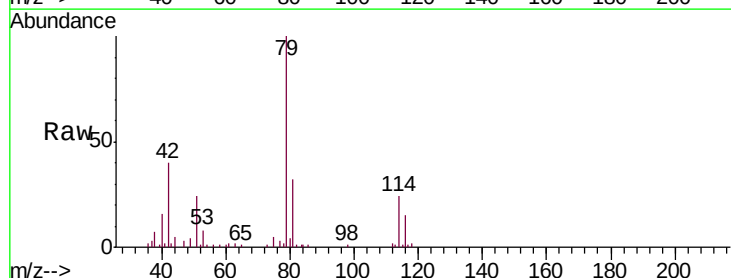
Instrument :
 MSVOA_V
 ClientSampleId :
 GANK2DL

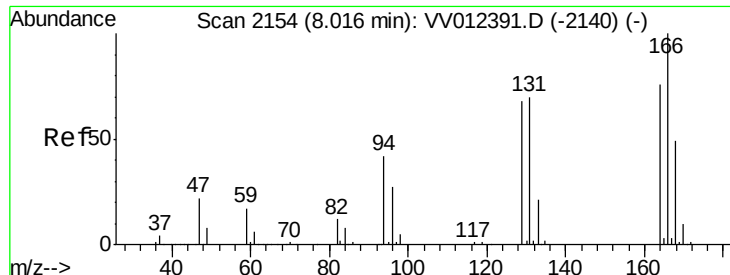
Tgt Ion: 63 Resp: 8726
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.2 6.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012406.D
 Acq: 26 Aug 2019 17:16

Tgt Ion: 75 Resp: 1455
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.6 42.0#

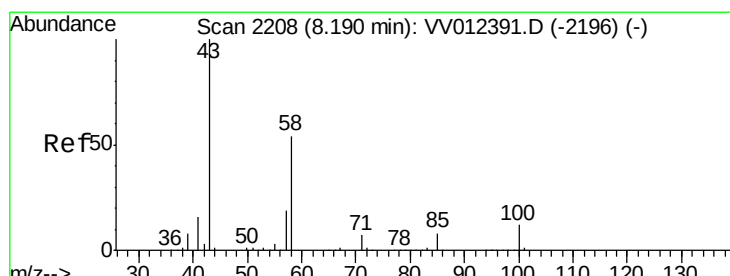
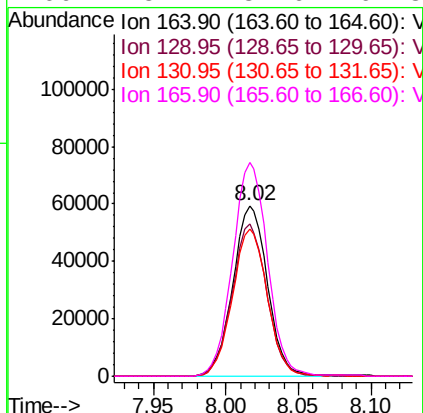
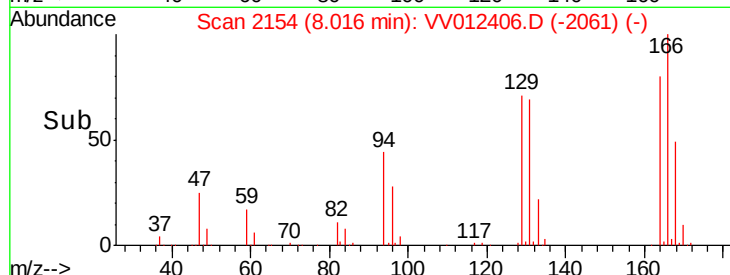
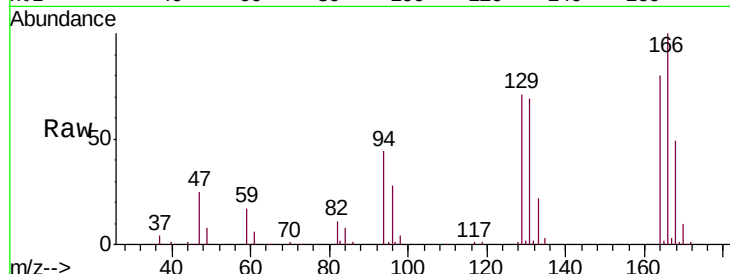




#47
Tetrachloroethene
Concen: 8.120 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012406.D
Acq: 26 Aug 2019 17:16

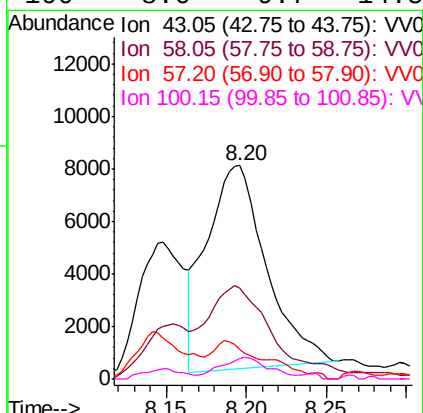
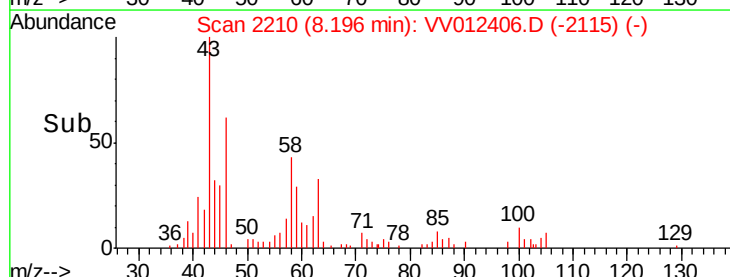
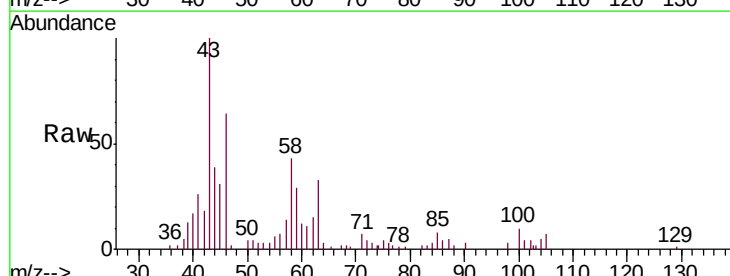
Instrument :
MSVOA_V
ClientSampleId :
GANK2DL

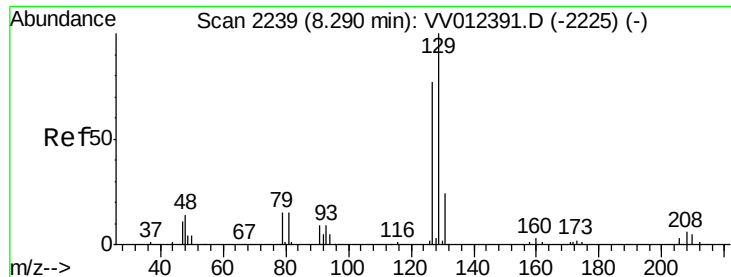
Tgt Ion:164 Resp: 98359
Ion Ratio Lower Upper
164 100
129 89.4 60.6 112.6
131 86.3 58.8 109.2
166 125.4 87.6 162.8



#48
2-Hexanone
Concen: 3.656 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV012406.D
Acq: 26 Aug 2019 17:16

Tgt Ion: 43 Resp: 19920
Ion Ratio Lower Upper
43 100
58 44.9 46.3 69.5#
57 5.3 14.9 22.3#
100 8.6 9.7 14.5#





#49

Dibromochloromethane

Concen: 7.573 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012406.D

Acq: 26 Aug 2019 17:16

Instrument :

MSVOA_V

ClientSampleId :

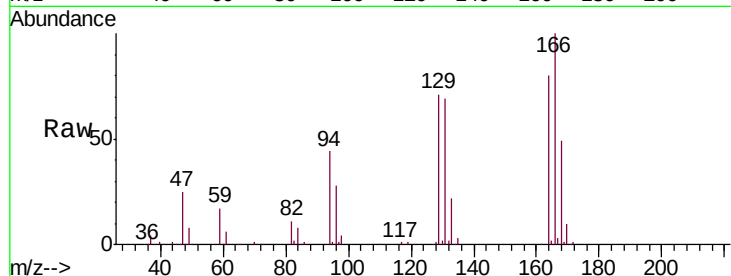
GANK2DL

Tgt Ion:129 Resp: 82872

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.02

60000

50000

40000

30000

20000

10000

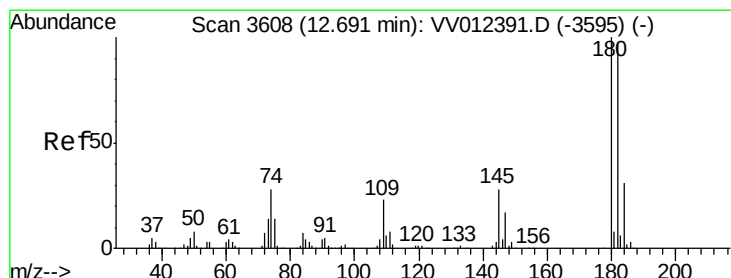
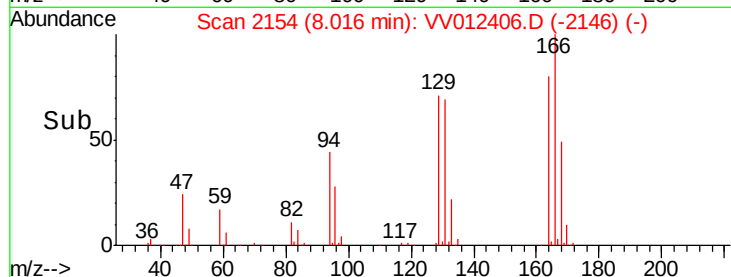
0

Time-->

8.00

8.05

8.10



#67

1,3,5-Trichlorobenzene

Concen: 0.051 ug/L

RT: 12.69 min Scan# 3609

Delta R.T. 0.00 min

Lab File: VV012406.D

Acq: 26 Aug 2019 17:16

Tgt Ion:180 Resp: 897

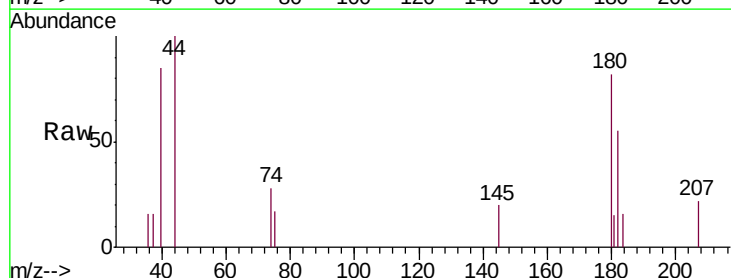
Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

184 19.7 23.9 35.9#

145 25.1 22.1 33.1



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

12.69

1000

800

600

400

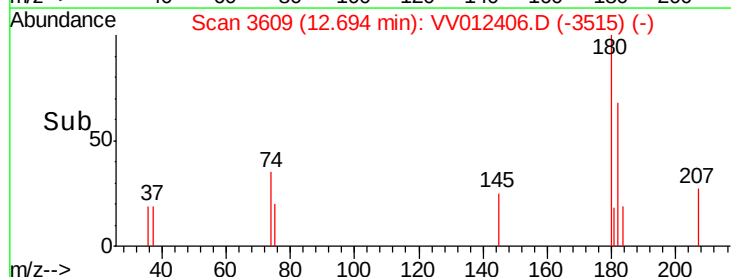
200

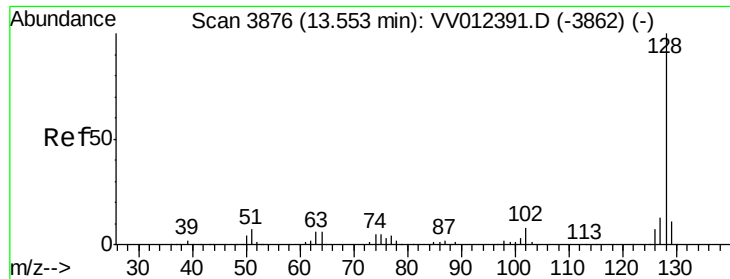
0

Time-->

12.65

12.70





#69

Naphthalene

Concen: 0.127 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV012406.D

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MSVOA_V

ClientSampled :

GANK2DL

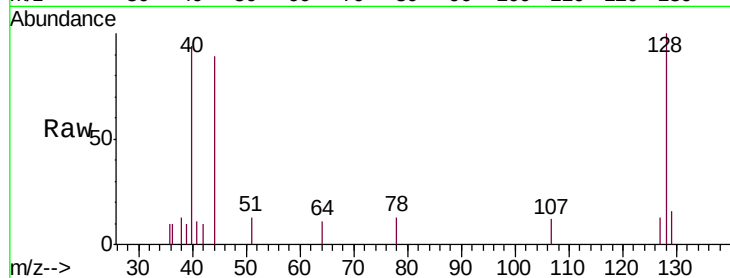
Tgt Ion:128 Resp: 2174

Ion Ratio Lower Upper

128 100

129 3.8 8.6 12.8#

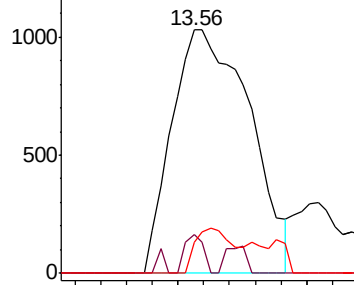
127 9.3 10.5 15.7#



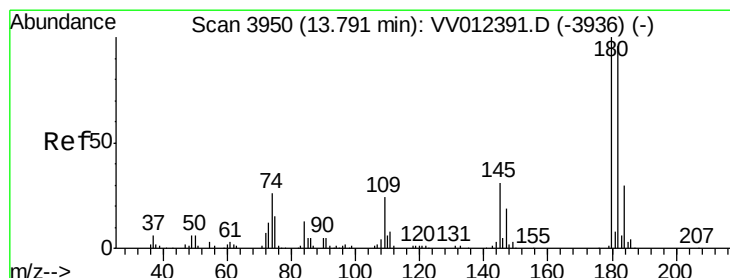
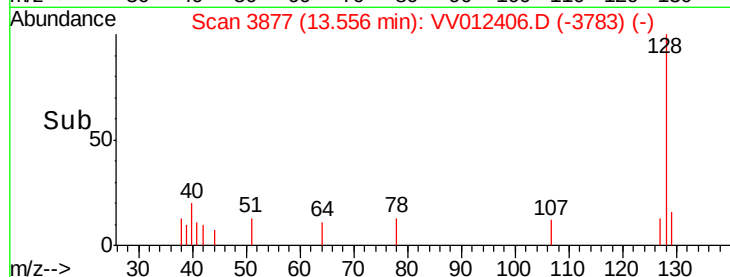
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#70

1,2,3-Trichlorobenzene

Concen: 0.100 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.01 min

Lab File: VV012406.D

Acq: 26 Aug 2019 17:16

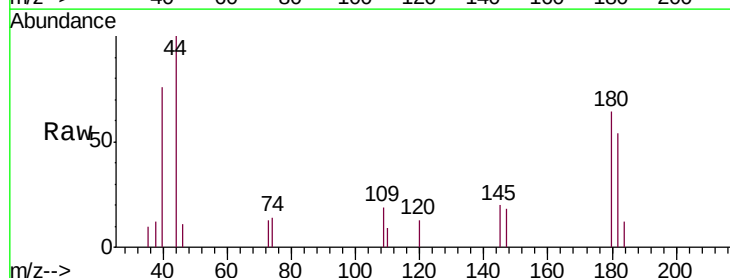
Tgt Ion:180 Resp: 1154

Ion Ratio Lower Upper

180 100

182 105.9 75.1 112.7

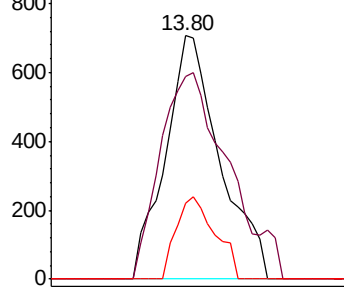
145 23.9 23.4 35.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V



Time-->

