

Data File : VV010592.D
Acq On : 30 Apr 2019 23:22
Operator : SY/MD
Sample : K2590-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XC2

Quant Time: May 01 08:18:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	182971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53079	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.57	69	39141	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.12	63	75420	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.94	46	129797	57.43	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.86%
24) Chloroform-d	4.40	84	113915	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.08	65	56831	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	228560	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.12	67	69233	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.36	98	195984	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	22040	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.13	63	112935	59.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47246	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	75253	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

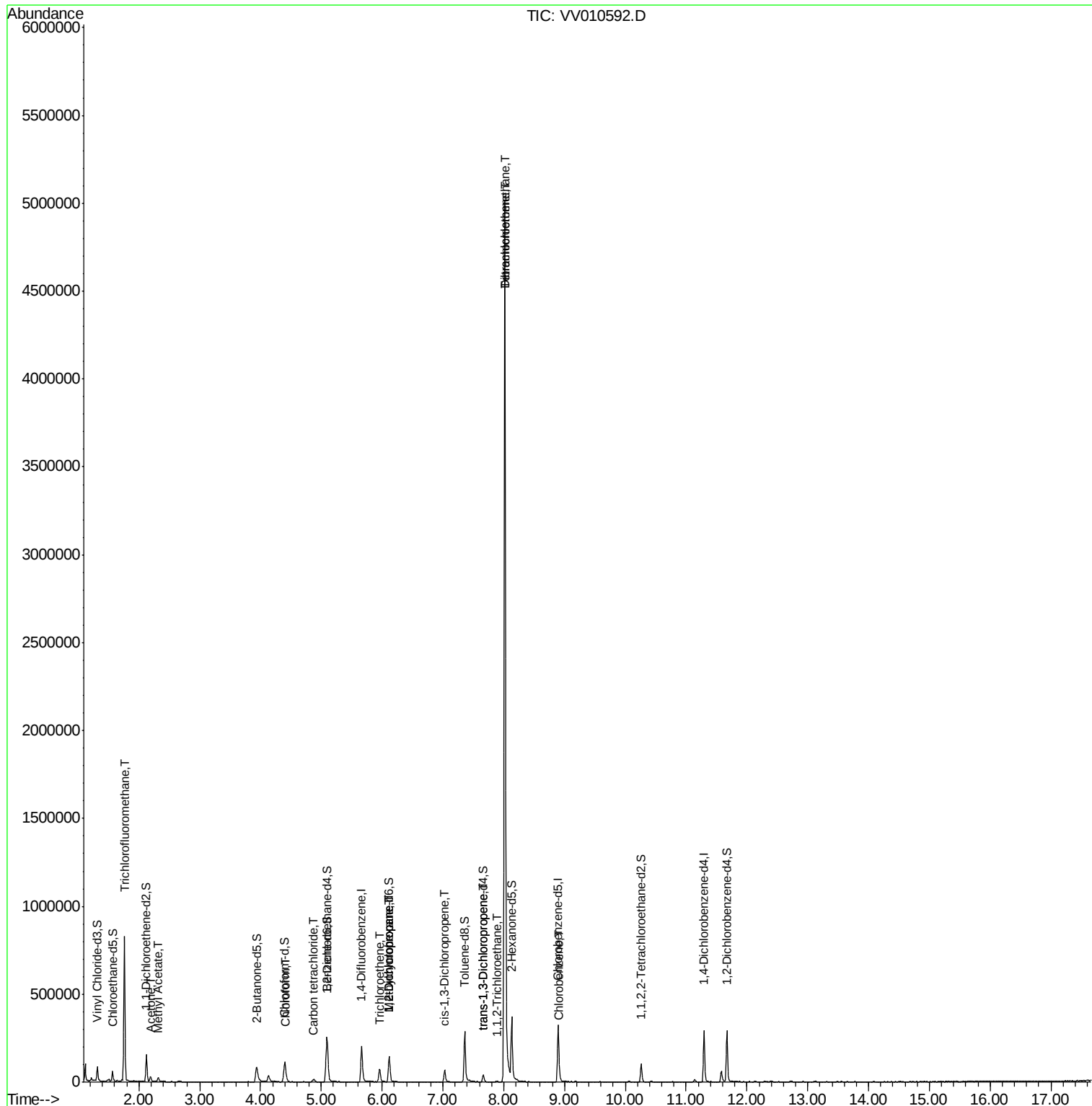
						Qvalue
9) Trichlorofluoromethane	1.76	101	473874	20.229	ug/L	100
13) Acetone	2.19	43	26171	18.729	ug/L	98
15) Methyl Acetate	2.32	43	5810	1.245	ug/L #	51
25) Chloroform	4.43	83	4793	0.210	ug/L	93
31) Carbon tetrachloride	4.87	117	11209	0.609	ug/L	97
34) Trichloroethene	5.96	95	23270	1.692	ug/L	91
35) Methylcyclohexane	6.12	83	16838	0.880	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8074	0.687	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1780	0.108	ug/L #	39
44) trans-1,3-Dichloropropene	7.66	75	1344	0.108	ug/L #	78
45) 1,1,2-Trichloroethane	7.88	97	843	0.105	ug/L #	66
47) Tetrachloroethene	8.02	164	1139670	108.645	ug/L	95
49) Dibromochloromethane	8.02	129	1073408	110.606	ug/L #	8
51) Chlorobenzene	8.92	112	5035	0.144	ug/L	92

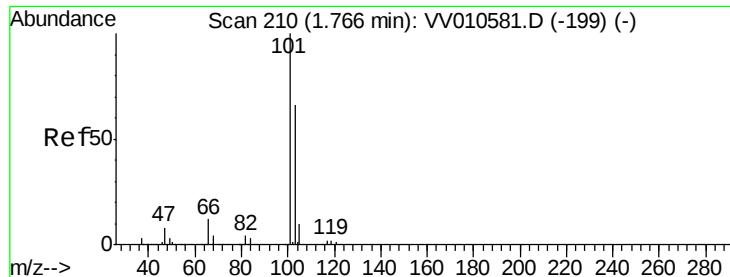
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010592.D
Acq On : 30 Apr 2019 23:22
Operator : SY/MD
Sample : K2590-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XC2

Quant Time: May 01 08:18:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration



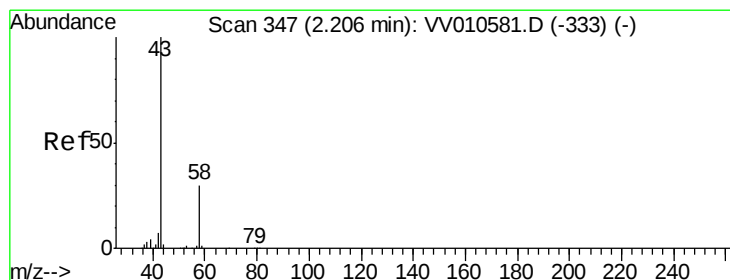
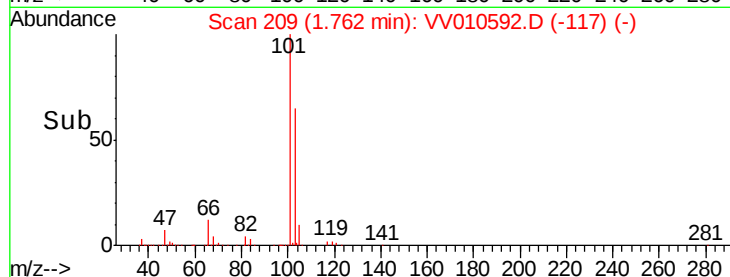
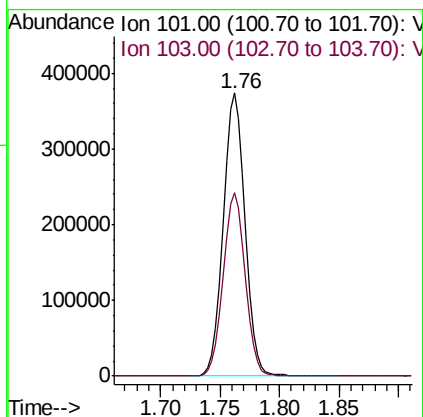
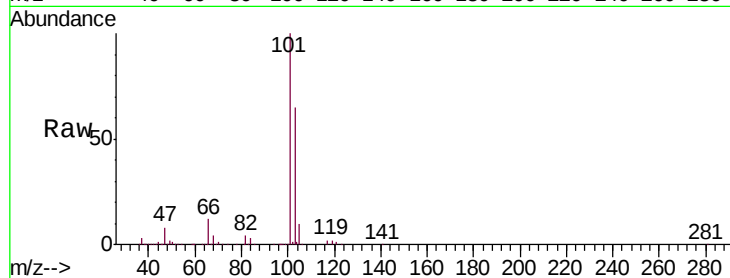


#9

Trichlorofluoromethane
 Concen: 20.229 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV010592.D
 Acq: 30 Apr 2019 23:22

Instrument :
 MSVOA_V
 ClientSampled :
 C0XC2

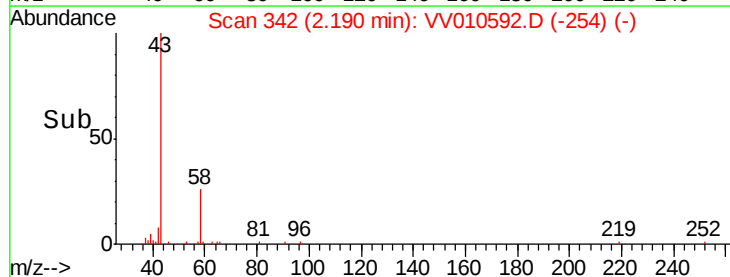
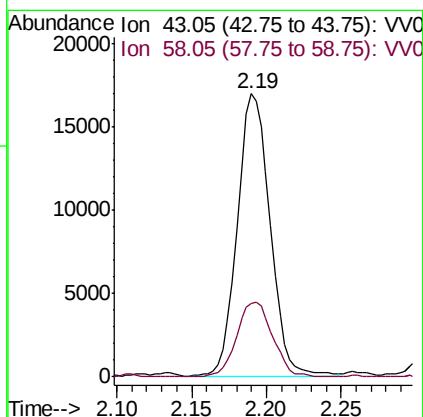
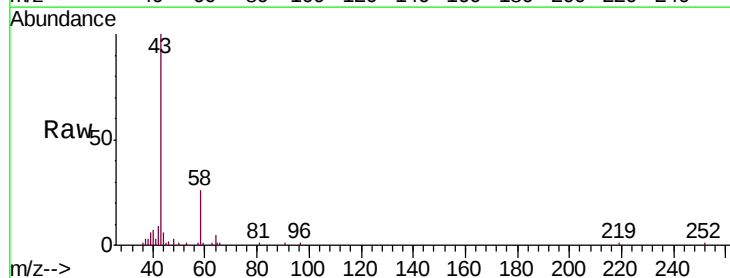
Tgt Ion:101 Resp: 473874
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.4

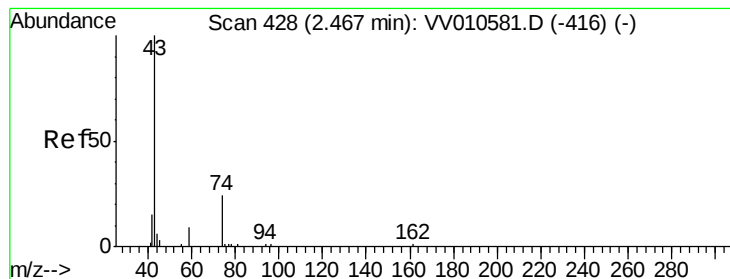


#13

Acetone
 Concen: 18.729 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.02 min
 Lab File: VV010592.D
 Acq: 30 Apr 2019 23:22

Tgt Ion: 43 Resp: 26171
 Ion Ratio Lower Upper
 43 100
 58 28.6 0.0 59.8





#15

Methyl Acetate

Concen: 1.245 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.15 min

Lab File: VV010592.D

Acq: 30 Apr 2019 23:22

Instrument :

MSVOA_V

ClientSampleId :

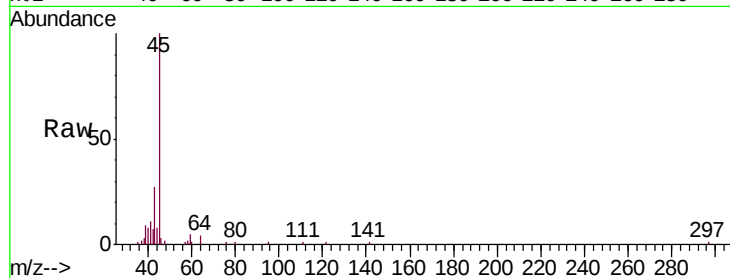
C0XC2

Tgt Ion: 43 Resp: 5810

Ion Ratio Lower Upper

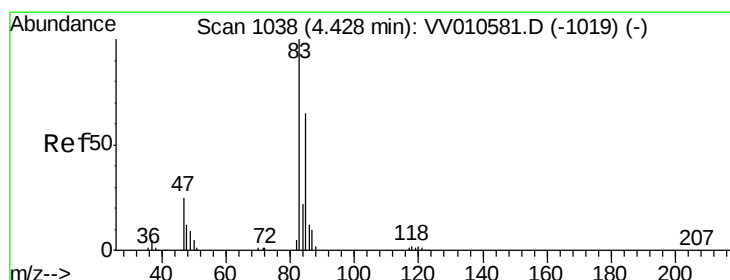
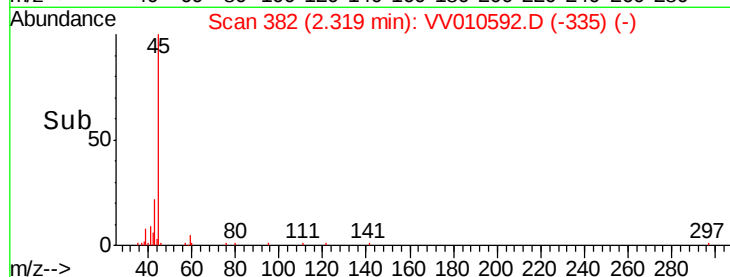
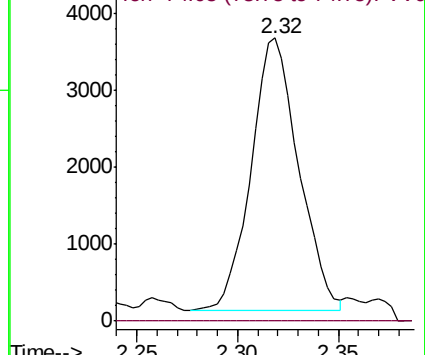
43 100

74 0.3 19.8 29.8#



Abundance Ion 43.05 (42.75 to 43.75): VV010581.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV010581.D (-416) (-)



#25

Chloroform

Concen: 0.210 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV010592.D

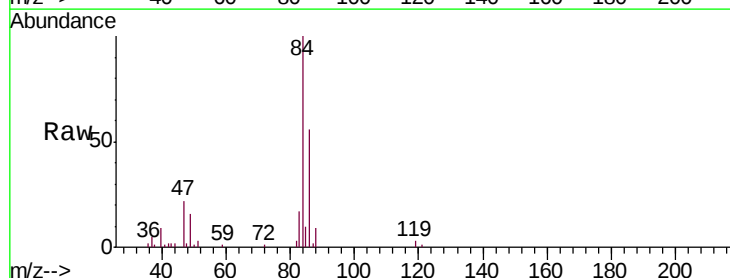
Acq: 30 Apr 2019 23:22

Tgt Ion: 83 Resp: 4793

Ion Ratio Lower Upper

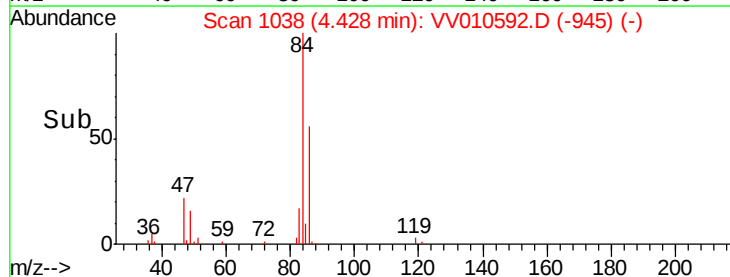
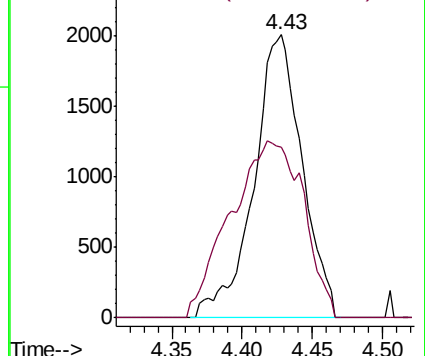
83 100

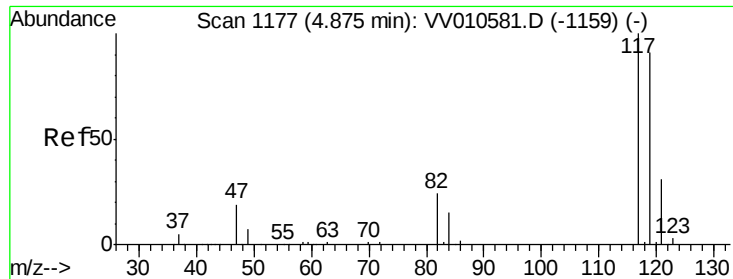
85 60.2 45.8 85.2



Abundance Ion 83.05 (82.75 to 83.75): VV010581.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010581.D (-1019) (-)





#31

Carbon tetrachloride

Concen: 0.609 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV010592.D

Acq: 30 Apr 2019 23:22

Instrument :

MSVOA_V

ClientSampled :

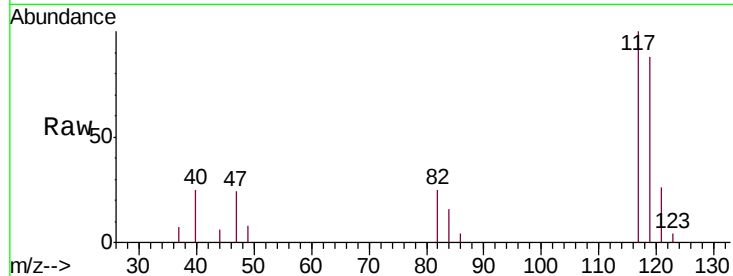
C0XC2

Tgt Ion:117 Resp: 11209

Ion Ratio Lower Upper

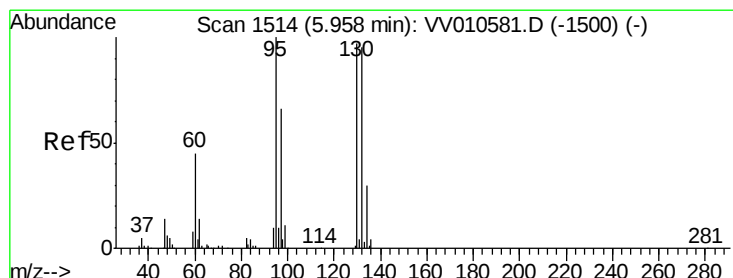
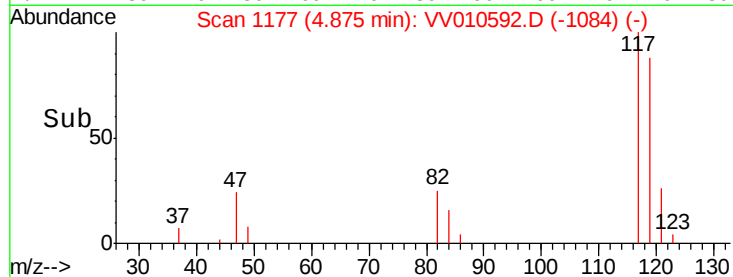
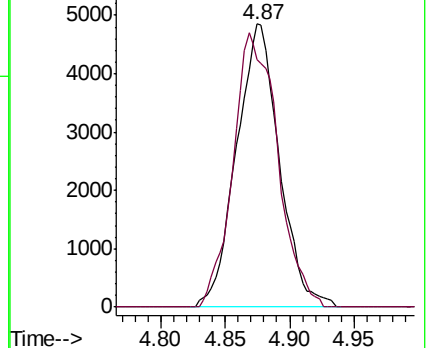
117 100

119 100.5 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.692 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010592.D

Acq: 30 Apr 2019 23:22

Tgt Ion: 95 Resp: 23270

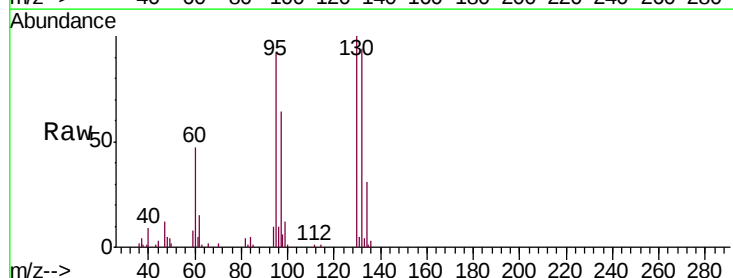
Ion Ratio Lower Upper

95 100

97 69.9 44.3 82.3

132 102.6 67.1 124.7

130 108.9 68.7 127.5

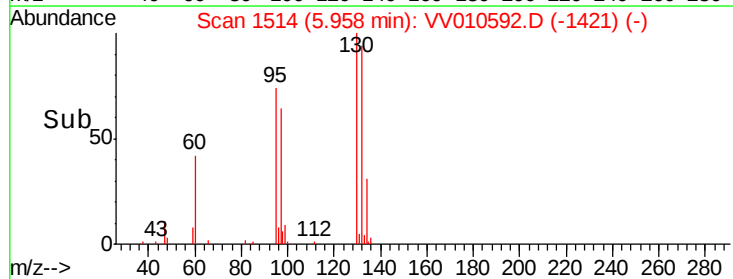
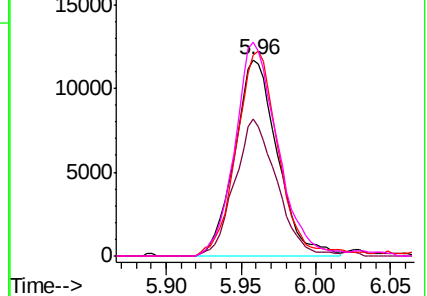


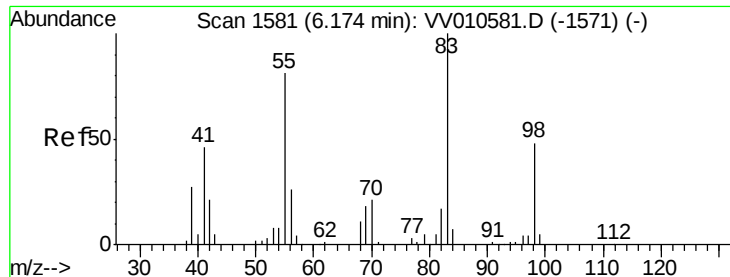
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.880 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010592.D

Acq: 30 Apr 2019 23:22

Instrument :

MSVOA_V

ClientSampleId :

C0XC2

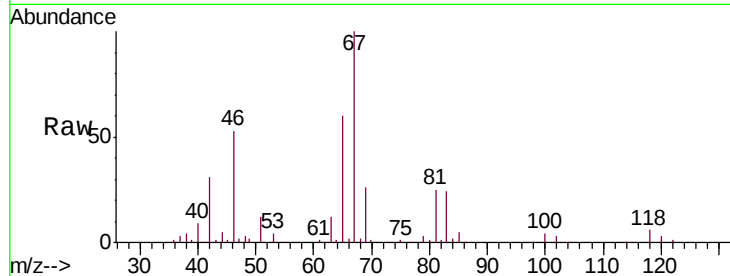
Tgt Ion: 83 Resp: 16838

Ion Ratio Lower Upper

83 100

55 0.5 62.6 94.0#

98 0.3 38.8 58.2#

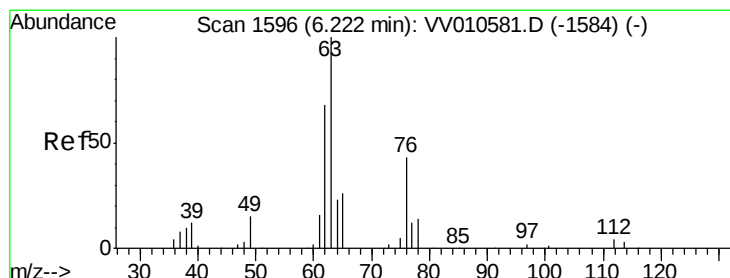
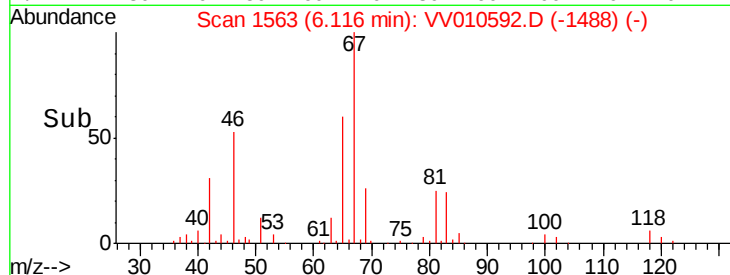


Abundance Ion 83.15 (82.85 to 83.85): VV010592.D (-1563) (-)

Ion 55.10 (54.80 to 55.80): VV010592.D (-1563) (-)

Ion 98.15 (97.85 to 98.85): VV010592.D (-1563) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010592.D

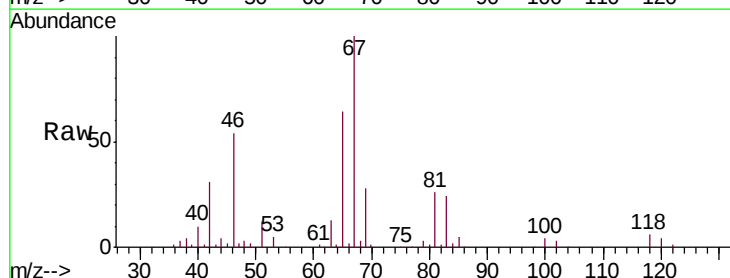
Acq: 30 Apr 2019 23:22

Tgt Ion: 63 Resp: 8074

Ion Ratio Lower Upper

63 100

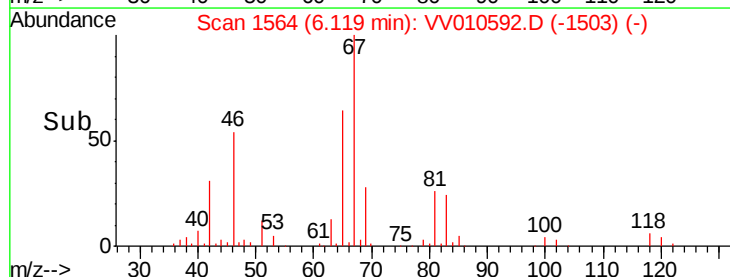
112 0.3 3.6 5.4#

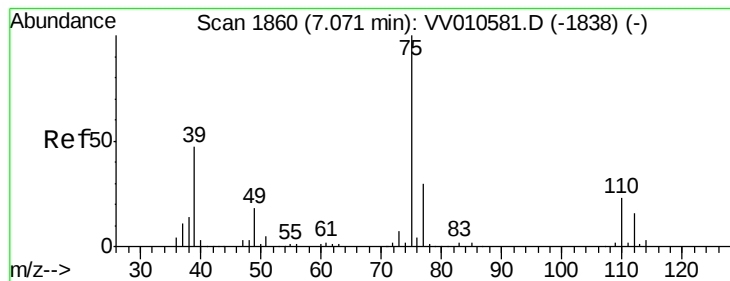


Abundance Ion 63.10 (62.80 to 63.80): VV010592.D (-1564) (-)

Ion 112.10 (111.80 to 112.80): VV010592.D (-1564) (-)

Time-->



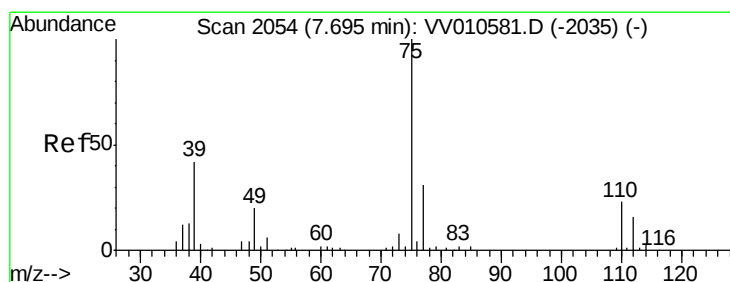
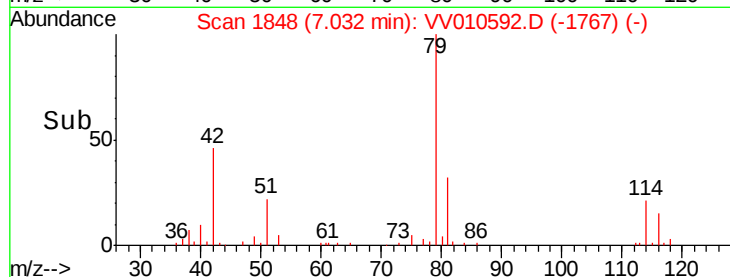
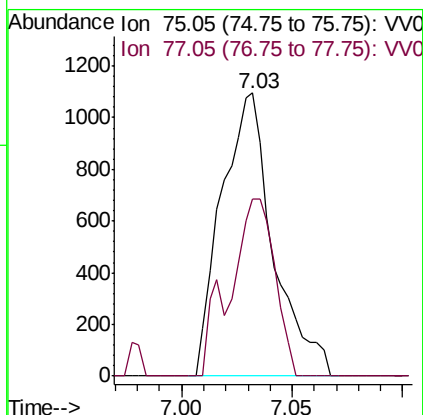
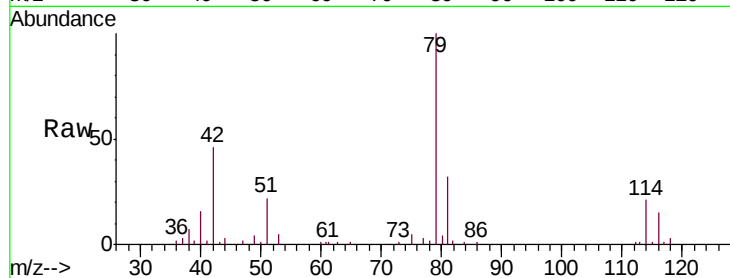


#39

cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010592.D
Acq: 30 Apr 2019 23:22

Instrument :
MSVOA_V
ClientSampleId :
C0XC2

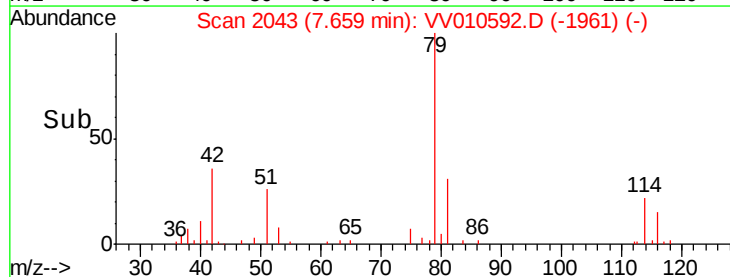
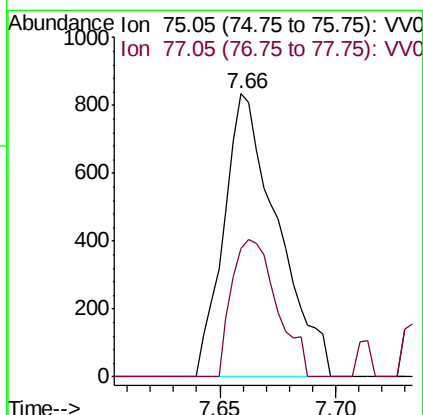
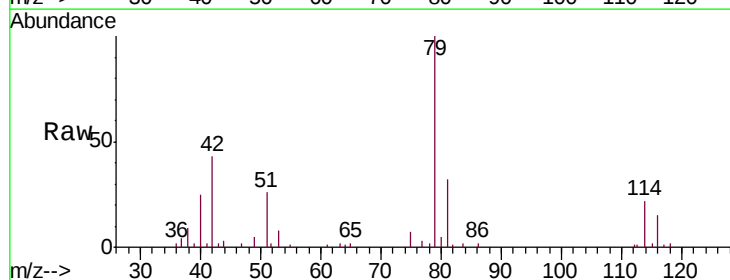
Tgt Ion: 75 Resp: 1780
Ion Ratio Lower Upper
75 100
77 62.6 20.9 38.7#

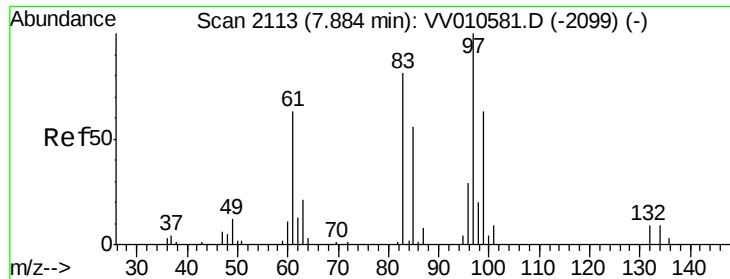


#44

trans-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV010592.D
Acq: 30 Apr 2019 23:22

Tgt Ion: 75 Resp: 1344
Ion Ratio Lower Upper
75 100
77 45.2 23.0 42.8#

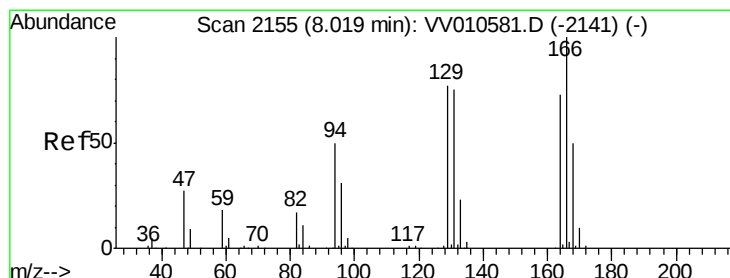
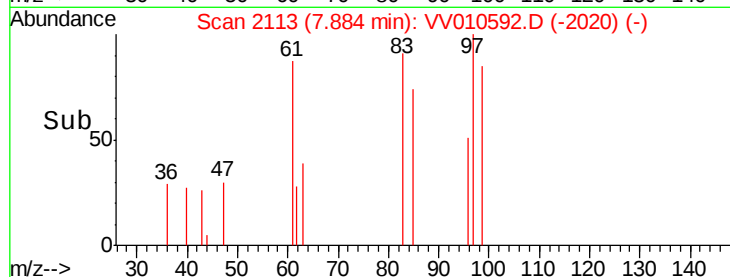
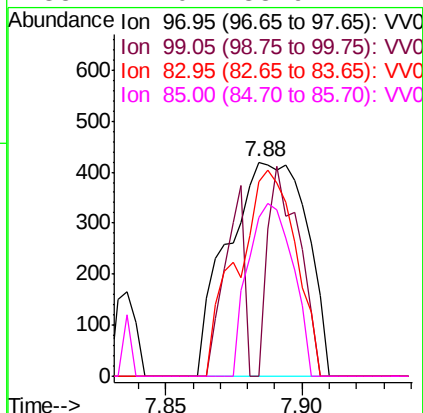
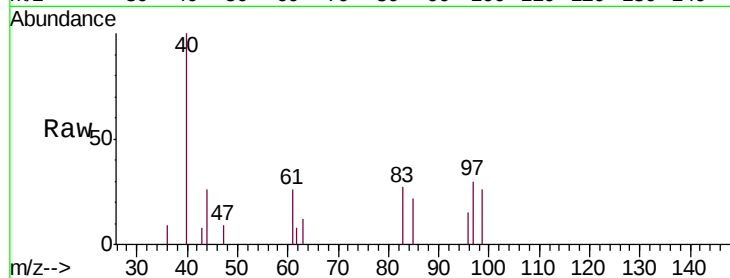




#45
 1,1,2-Trichloroethane
 Concen: 0.105 ug/L
 RT: 7.88 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VV010592.D
 Acq: 30 Apr 2019 23:22

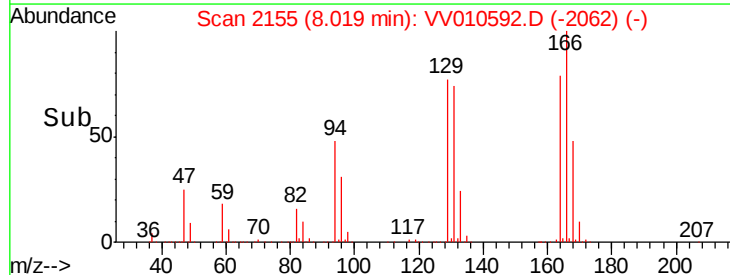
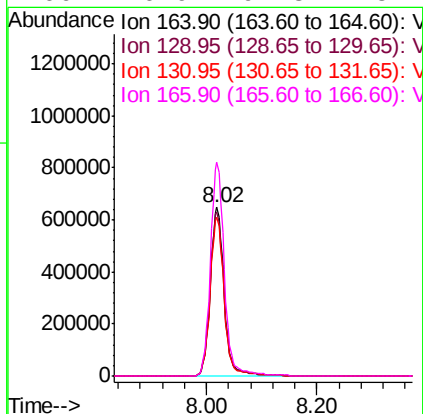
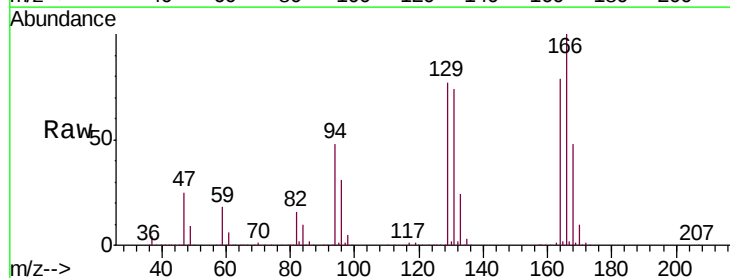
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC2

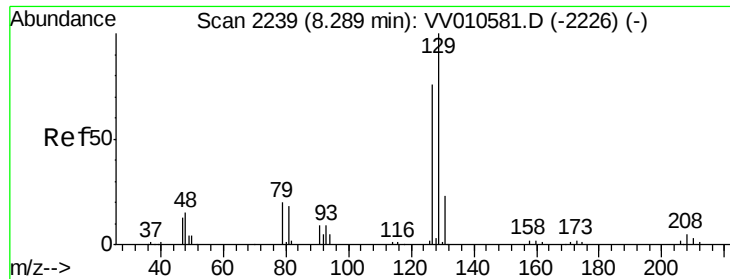
Tgt Ion: 97 Resp: 843
 Ion Ratio Lower Upper
 97 100
 99 0.0 47.9 89.1#
 83 91.2 62.9 116.9
 85 74.0 38.9 72.2#



#47
 Tetrachloroethene
 Concen: 108.645 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV010592.D
 Acq: 30 Apr 2019 23:22

Tgt Ion: 164 Resp: 1139670
 Ion Ratio Lower Upper
 164 100
 129 97.5 69.8 129.6
 131 94.1 70.2 130.4
 166 126.9 94.3 175.1





#49

Dibromochloromethane

Concen: 110.606 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010592.D

Acq: 30 Apr 2019 23:22

Instrument :

MSVOA_V

ClientSampleId :

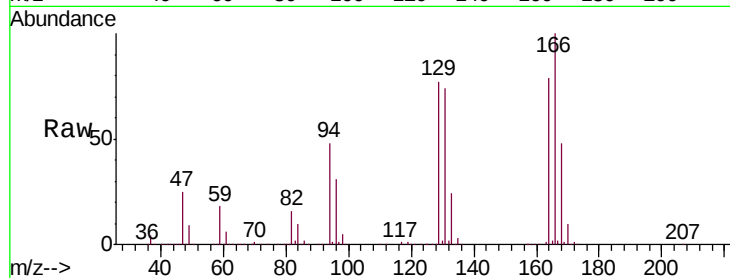
C0XC2

Tgt Ion:129 Resp: 1073408

Ion Ratio Lower Upper

129 100

127 0.0 57.5 106.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.02

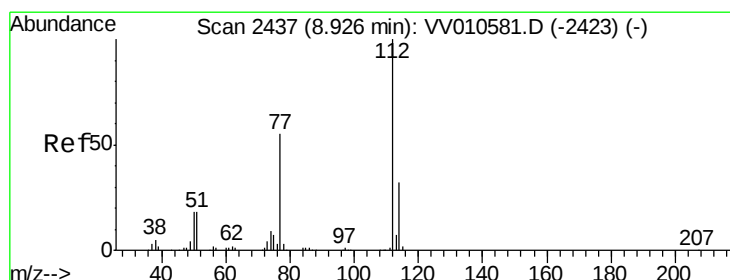
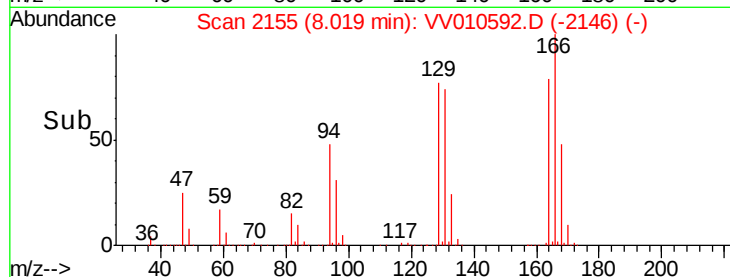
600000

400000

200000

0

Time-->



#51

Chlorobenzene

Concen: 0.144 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV010592.D

Acq: 30 Apr 2019 23:22

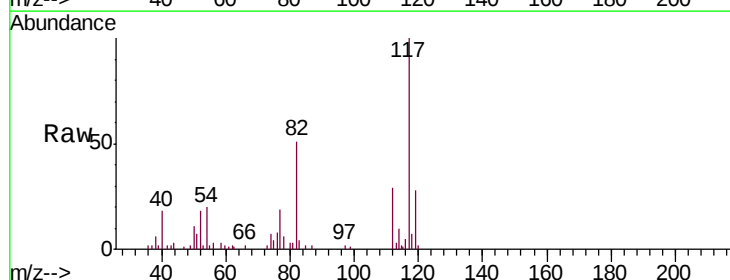
Tgt Ion:112 Resp: 5035

Ion Ratio Lower Upper

112 100

114 34.8 23.1 42.9

77 63.7 44.9 67.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

8.92

4000

3000

2000

1000

0

Time-->

