

Data File : VV014575.D
Acq On : 12 Feb 2020 16:28
Operator : SY/MD
Sample : L1489-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE6

Quant Time: Feb 13 05:58:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 05:55:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	300184	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	280887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138797	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52790	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.58%
7) Chloroethane-d5	1.59	69	38615	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.26%
11) 1,1-Dichloroethene-d2	2.13	63	68613	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	3.92	46	92789	97.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.06%
24) Chloroform-d	4.40	84	161292	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.08	65	102996	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
32) Benzene-d6	5.10	84	332953	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
36) 1,2-Dichloropropane-d6	6.11	67	100226	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.36	98	312770	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	54399	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.52%
47) 2-Hexanone-d5	8.13	63	70731	87.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.49%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	135248	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.67	152	121938	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

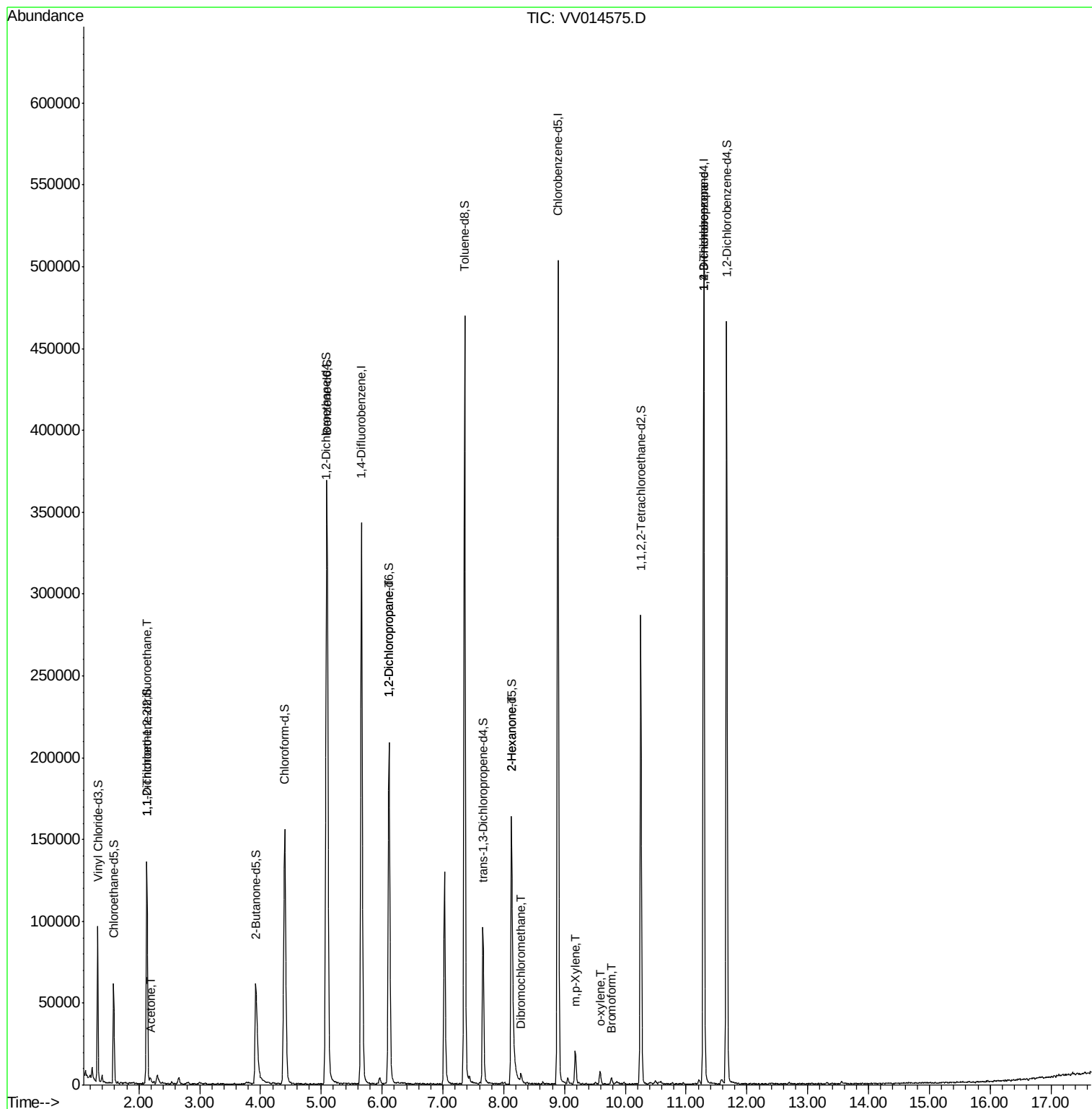
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	759	0.766	ug/L #	24
13) Acetone	2.19	43	2849	3.474	ug/L	98
37) 1,2-Dichloropropane	6.11	63	11397	6.259	ug/L #	85
48) 2-Hexanone	8.13	43	8108	4.623	ug/L #	66
49) Dibromochloromethane	8.28	129	1558	0.695	ug/L	90
53) m,p-Xylene	9.18	106	6062	1.702	ug/L	96
54) o-xylene	9.59	106	2324	0.683	ug/L	87
59) 1,2,3-Trichloropropane	11.29	75	15688	6.694	ug/L	89
61) Bromoform	9.77	173	1782	1.186	ug/L #	96

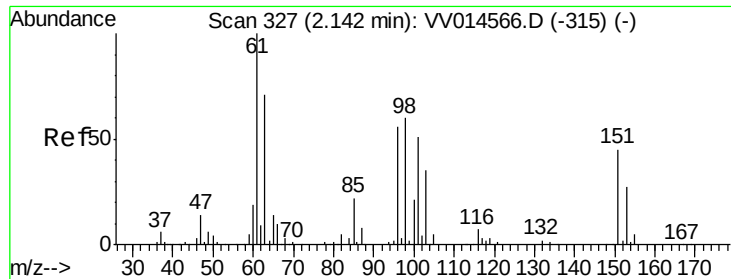
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.766 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014575.D

Acq: 12 Feb 2020 16:28

Instrument :

MSVOA_V

ClientSampled :

BFRE6

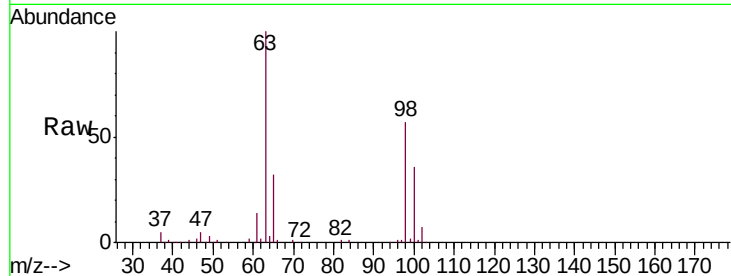
Tgt Ion: 101 Resp: 759

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

151 9.9 65.4 98.2#



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

2.14

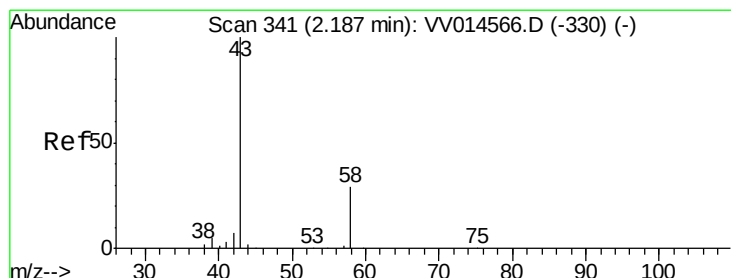
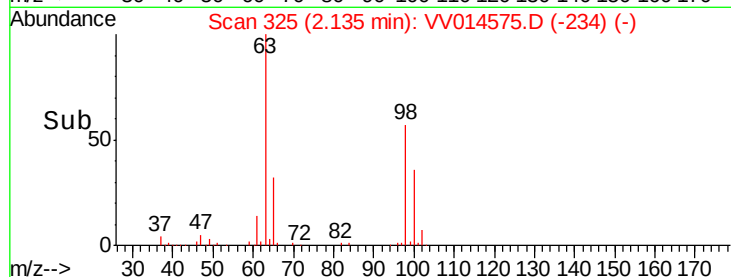
400

200

0

2.10 2.12 2.14 2.16

Time-->



#13

Acetone

Concen: 3.474 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV014575.D

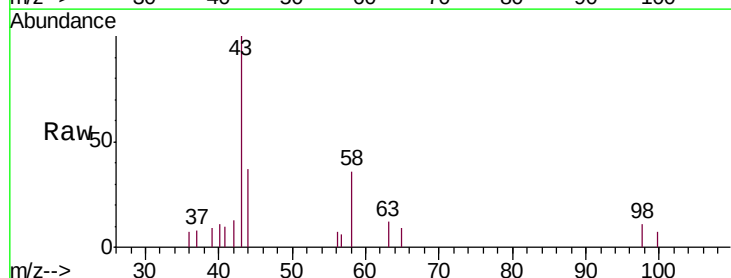
Acq: 12 Feb 2020 16:28

Tgt Ion: 43 Resp: 2849

Ion Ratio Lower Upper

43 100

58 30.5 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2000

1500

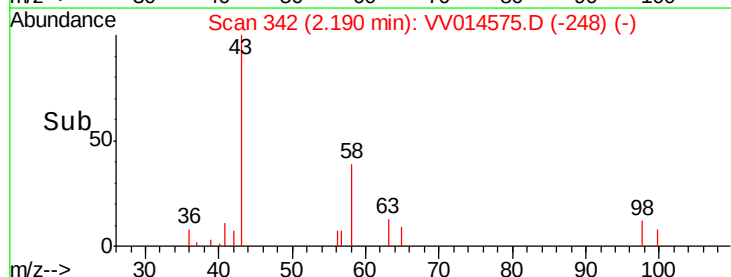
1000

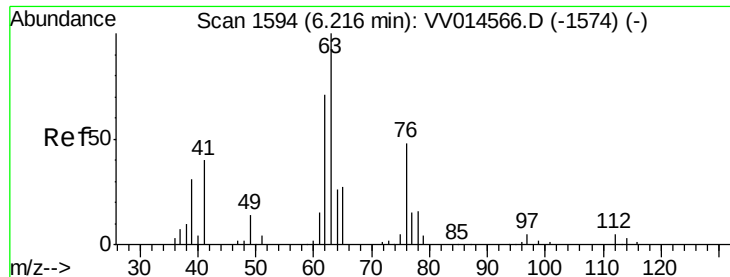
500

0

2.15 2.20

Time-->





#37

1,2-Dichloropropane

Concen: 6.259 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014575.D

Acq: 12 Feb 2020 16:28

Instrument :

MSVOA_V

ClientSampleId :

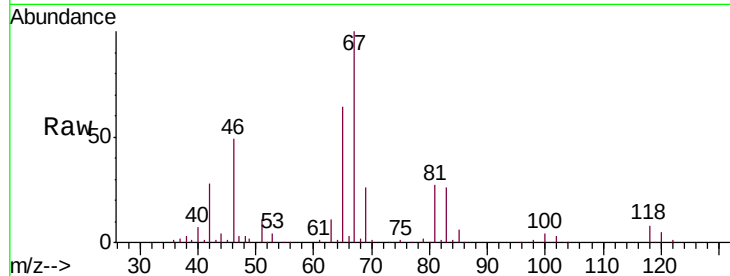
BFRE6

Tgt Ion: 63 Resp: 11397

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



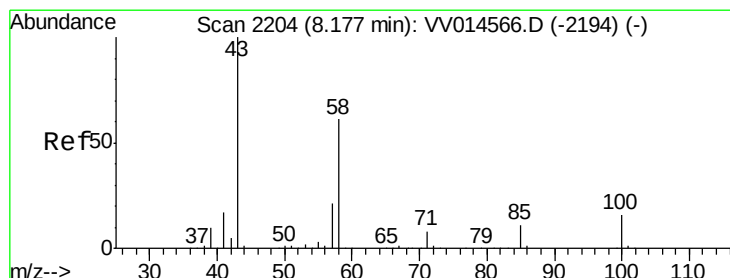
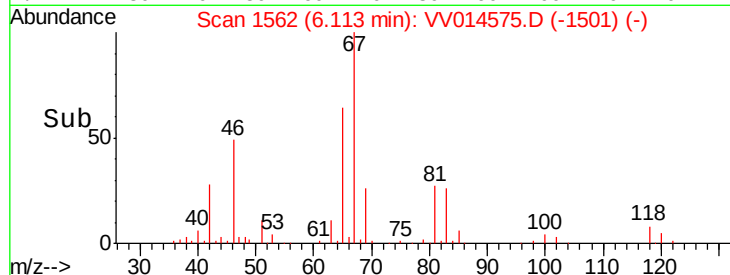
Abundance Ion 63.00 (62.70 to 63.70): VV014566.D (-1574) (-)

Ion 112.00 (111.70 to 112.70): VV014566.D (-1574) (-)

6.11

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 4.623 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014575.D

Acq: 12 Feb 2020 16:28

Tgt Ion: 43 Resp: 8108

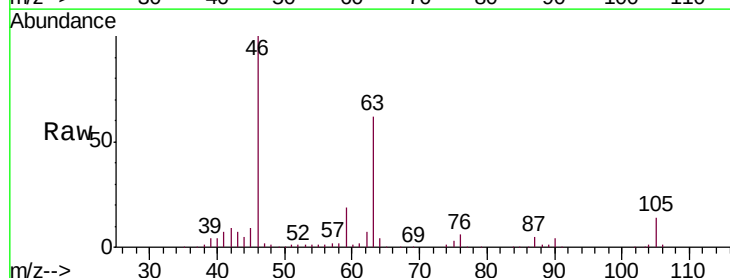
Ion Ratio Lower Upper

43 100

58 29.4 50.4 75.6#

57 24.7 17.8 26.6

100 0.5 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VV014566.D (-2194) (-)

Ion 58.00 (57.70 to 58.70): VV014566.D (-2194) (-)

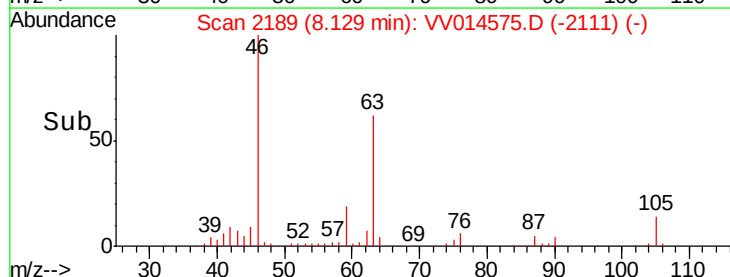
Ion 57.00 (56.70 to 57.70): VV014566.D (-2194) (-)

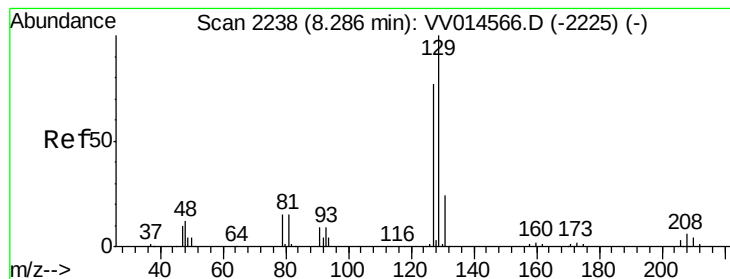
Ion 100.00 (99.70 to 100.70): VV014566.D (-2194) (-)

8.13

8.10 8.15

Time-->





#49

Dibromochloromethane

Concen: 0.695 ug/L

RT: 8.28 min Scan# 2237

Delta R.T. -0.00 min

Lab File: VV014575.D

Acq: 12 Feb 2020 16:28

Instrument :

MSVOA_V

ClientSampleId :

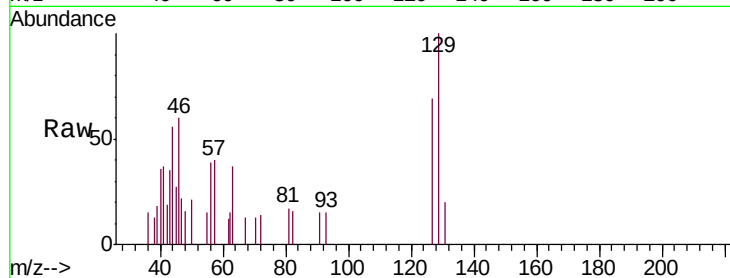
BFRE6

Tgt Ion:129 Resp: 1558

Ion Ratio Lower Upper

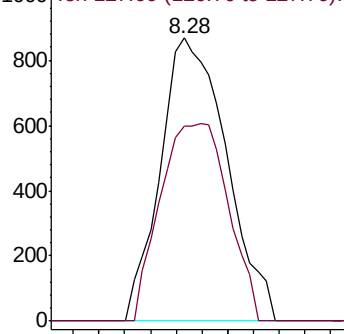
129 100

127 69.1 54.3 100.8

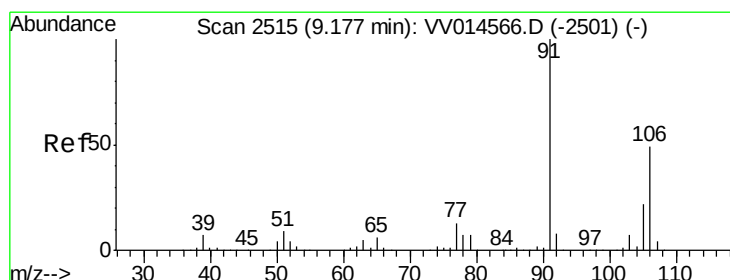
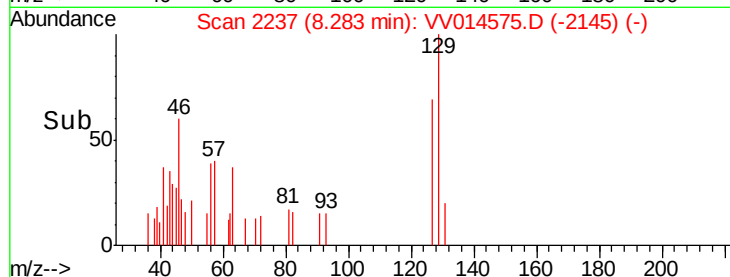


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#53

m,p-Xylene

Concen: 1.702 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014575.D

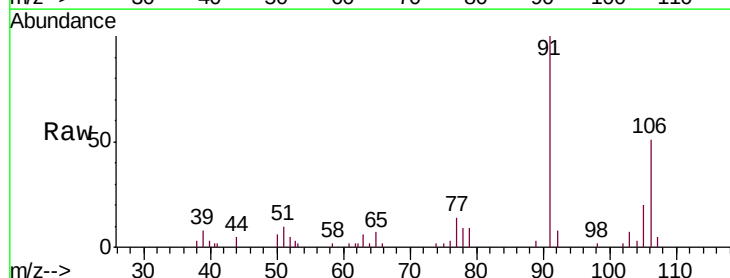
Acq: 12 Feb 2020 16:28

Tgt Ion:106 Resp: 6062

Ion Ratio Lower Upper

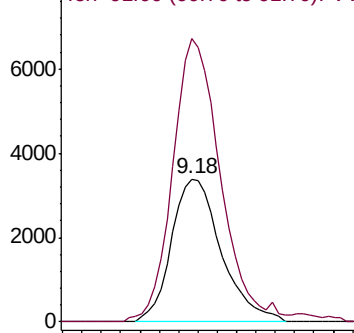
106 100

91 197.8 142.4 264.4

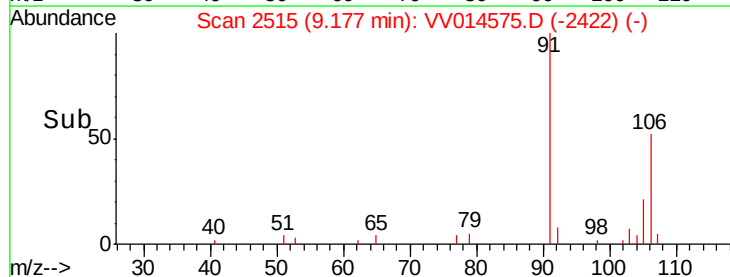


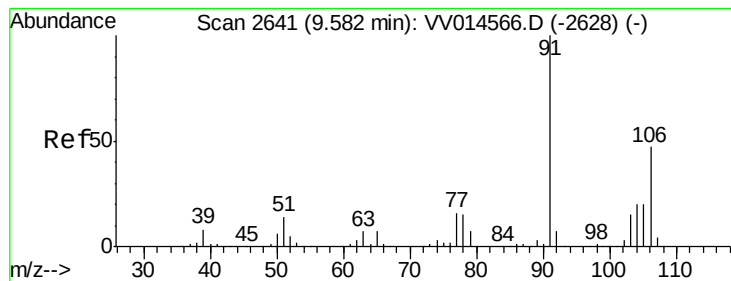
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time-->





#54

o-xylene

Concen: 0.683 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV014575.D

Acq: 12 Feb 2020 16:28

Instrument :

MSVOA_V

ClientSampleId :

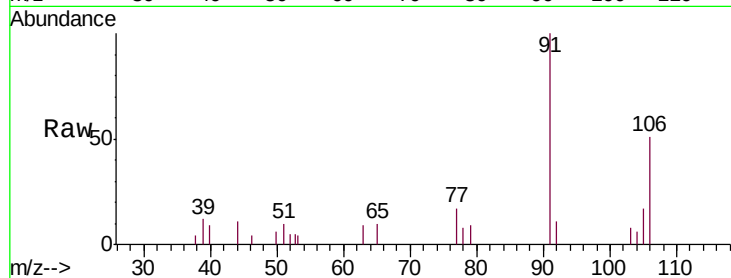
BFRE6

Tgt Ion: 106 Resp: 2324

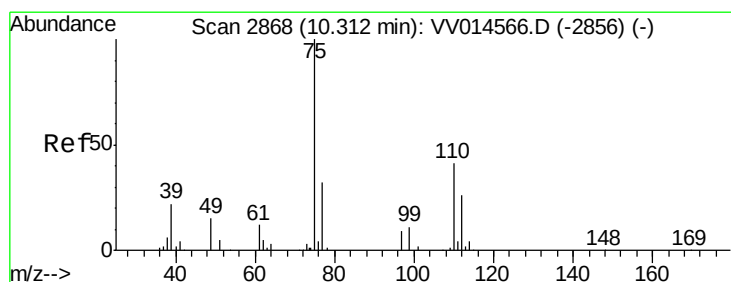
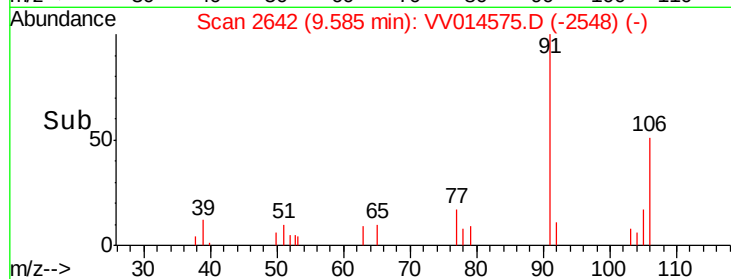
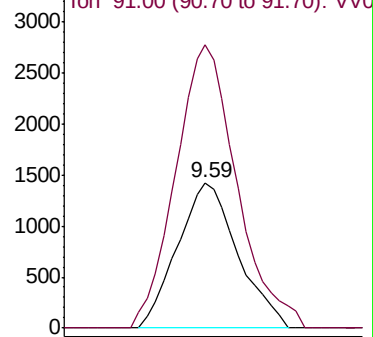
Ion Ratio Lower Upper

106 100

91 194.2 150.5 279.5



Abundance Ion 106.00 (105.70 to 106.70): VV014566.D (-2628) (-)



#59

1,2,3-Trichloropropane

Concen: 6.694 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014575.D

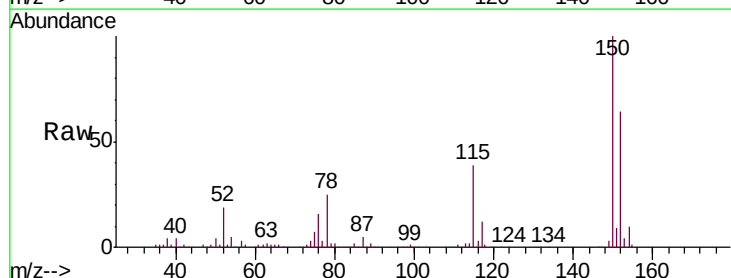
Acq: 12 Feb 2020 16:28

Tgt Ion: 75 Resp: 15688

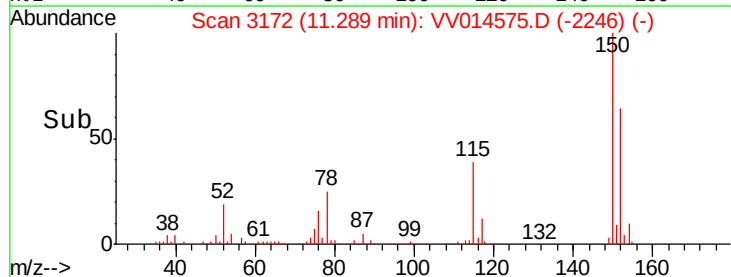
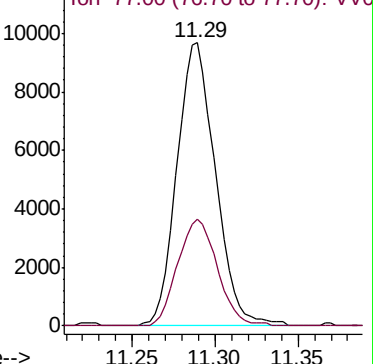
Ion Ratio Lower Upper

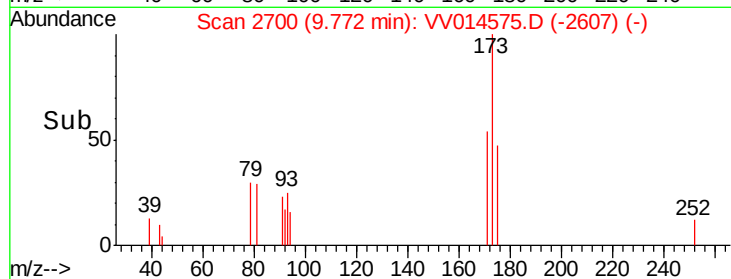
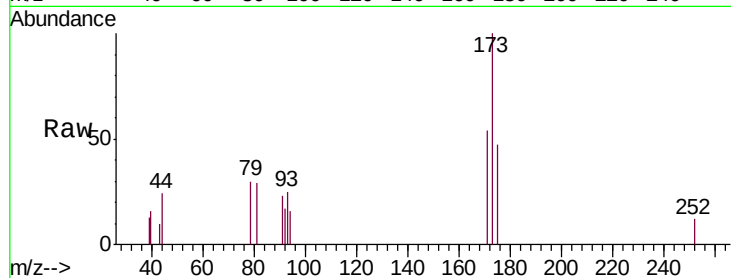
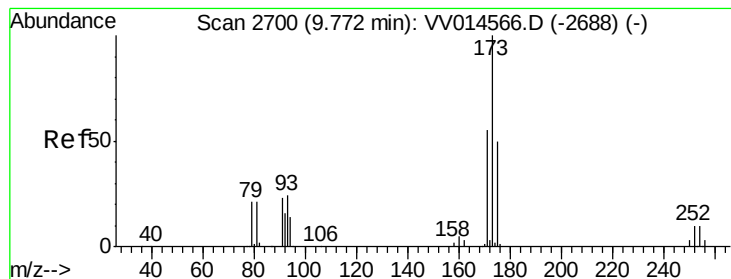
75 100

77 38.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV014566.D (-2856) (-)





#61

Bromoform

Concen: 1.186 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. -0.00 min

Lab File: VV014575.D

Acq: 12 Feb 2020 16:28

Instrument :

MSVOA_V

ClientSampleId :

BFRE6

Tgt Ion:173 Resp: 1782

Ion Ratio Lower Upper

173 100

175 48.4 39.3 58.9

254 2.6 7.1 10.7#

