

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011998.D
 Acq On : 24 Jul 2019 06:14
 Operator : SY/MD
 Sample : K3960-06MSD
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MSD

Quant Time: Jul 24 09:05:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 24 07:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	153879	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34909	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	28948	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.14	63	72422	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.00%
20) 2-Butanone-d5	3.94	46	109746	46.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.40	84	93623	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	54113	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	194472	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	54786	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	175626	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	19729	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.13	63	90274	47.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37904	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	72900	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

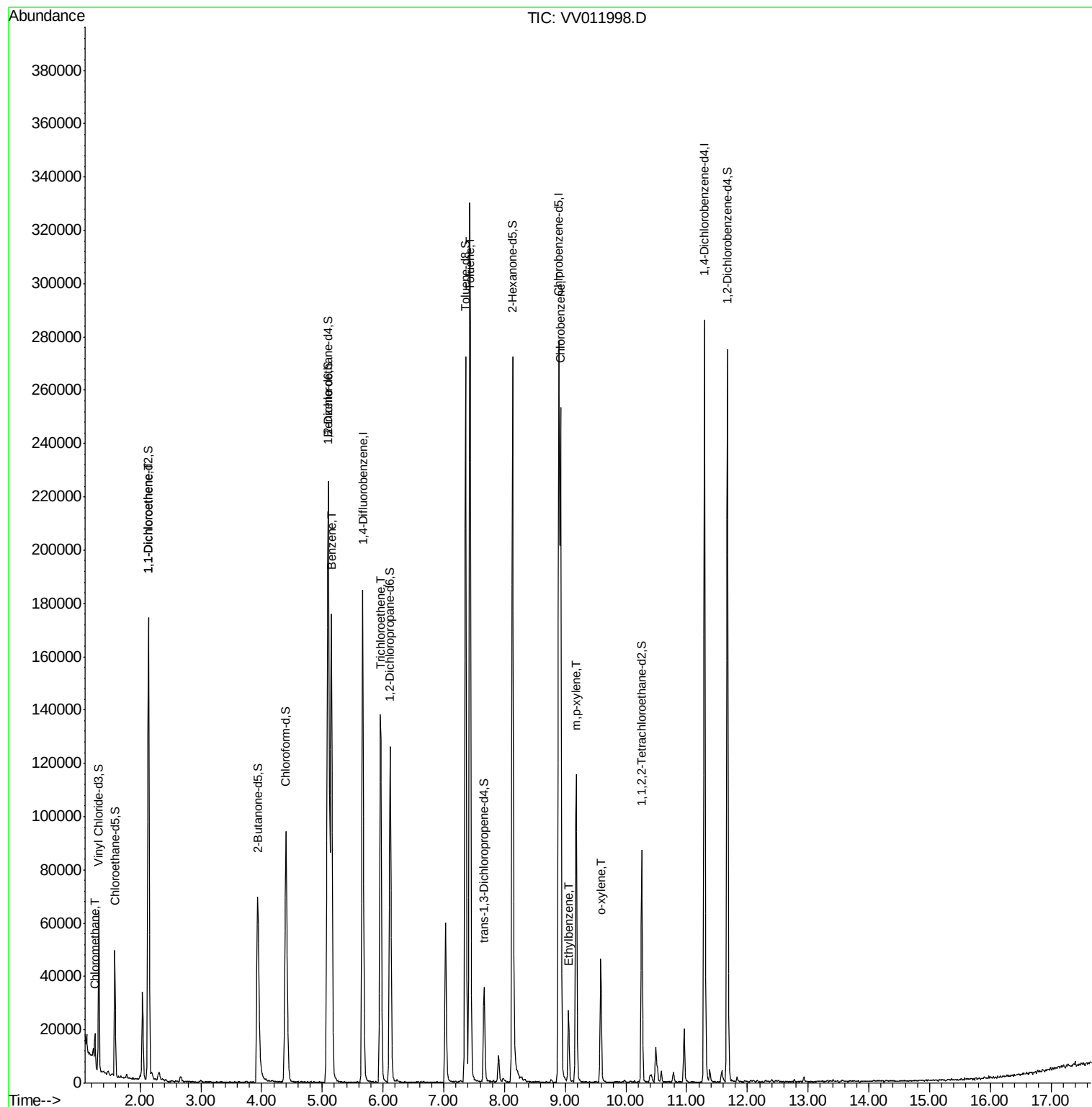
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	6952	0.753	ug/L	95
12) 1,1-Dichloroethene	2.14	96	26886	3.839	ug/L	87
33) Benzene	5.15	78	169435	3.931	ug/L	100
34) Trichloroethene	5.96	95	45570	3.807	ug/L	99
42) Toluene	7.43	91	230167	4.975	ug/L	99
51) Chlorobenzene	8.92	112	128705	4.249	ug/L	99
52) Ethylbenzene	9.05	91	17914	0.339	ug/L	97
53) m,p-xylene	9.18	106	32481	1.616	ug/L	97
54) o-xylene	9.59	106	11691	0.613	ug/L	95

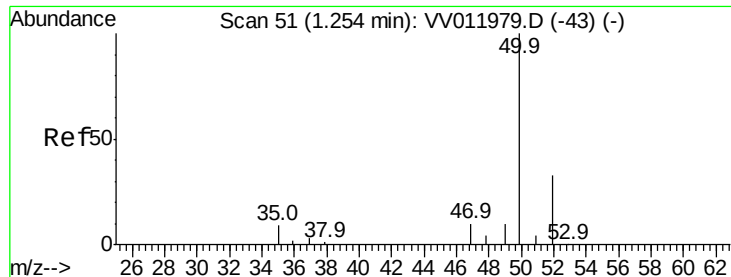
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.753 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV011998.D

Acq: 24 Jul 2019 06:14

Instrument :

MSVOA_V

ClientSampleId :

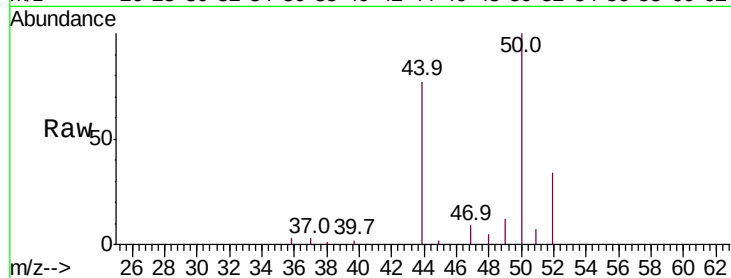
DB9A9MSD

Tot Ion: 50 Resp: 6952

Ion Ratio Lower Upper

50 100

52 33.8 21.6 40.2

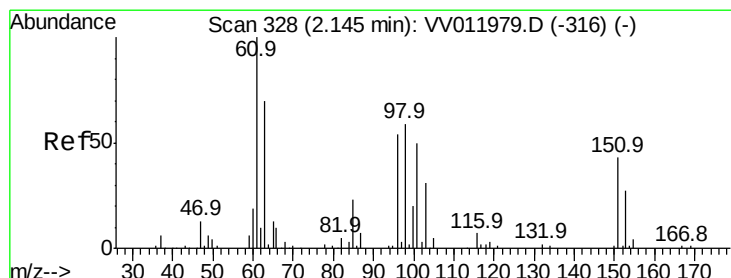
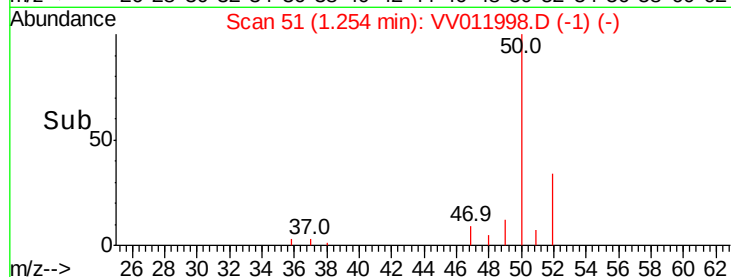


Abundance Ion 50.05 (49.75 to 50.75): VV011979.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV011979.D (-43) (-)

1.25

Time-->



#12

1,1-Dichloroethene

Concen: 3.839 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV011998.D

Acq: 24 Jul 2019 06:14

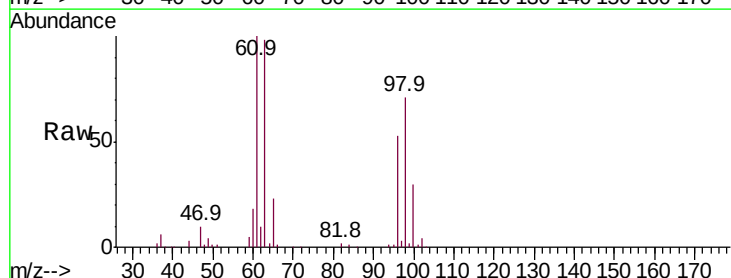
Tgt Ion: 96 Resp: 26886

Ion Ratio Lower Upper

96 100

61 187.0 132.7 246.5

63 183.3 104.0 193.1



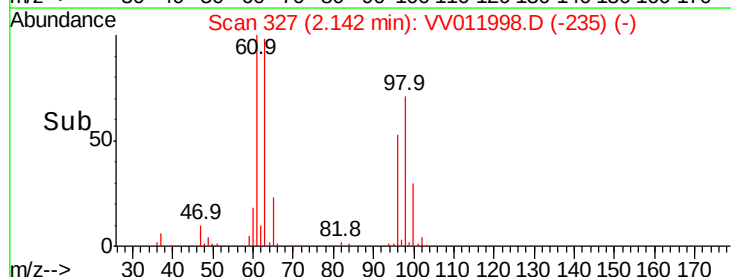
Abundance Ion 96.00 (95.70 to 96.70): VV011979.D (-316) (-)

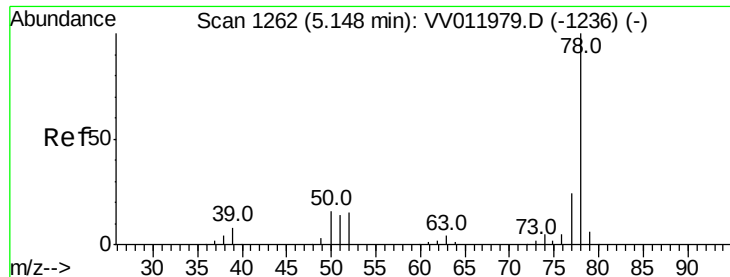
Ion 61.05 (60.75 to 61.75): VV011979.D (-316) (-)

Ion 63.00 (62.70 to 63.70): VV011979.D (-316) (-)

2.14

Time-->





#33

Benzene

Concen: 3.931 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV011998.D

Acq: 24 Jul 2019 06:14

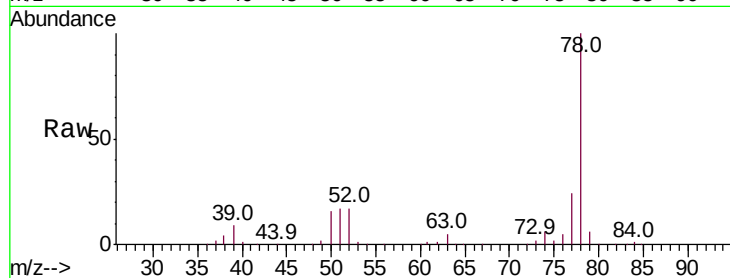
Instrument :

MSVOA_V

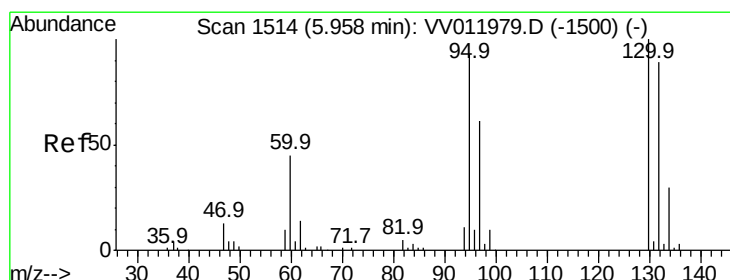
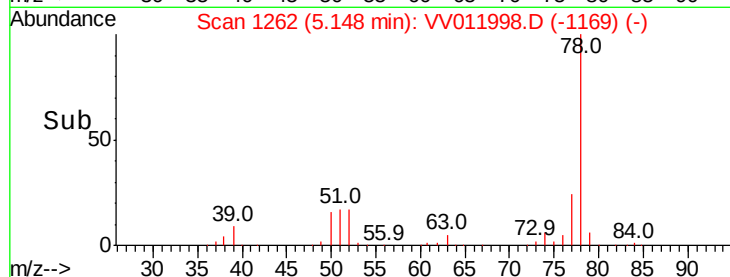
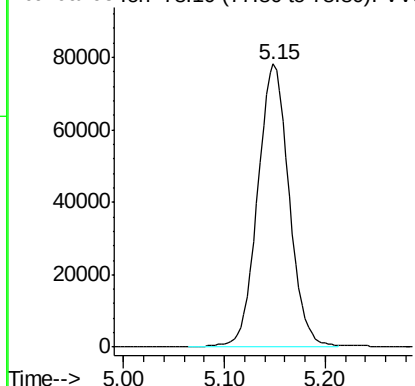
ClientSampleId :

DB9A9MSD

Tgt Ion: 78 Resp: 169435



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 3.807 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011998.D

Acq: 24 Jul 2019 06:14

Tgt Ion: 95 Resp: 45570

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.6	84.6
132	100.9	71.3	132.3
130	104.8	72.8	135.2

95 100

97 64.2 45.6 84.6

132 100.9 71.3 132.3

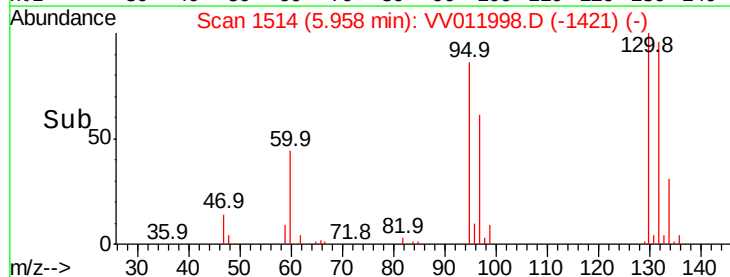
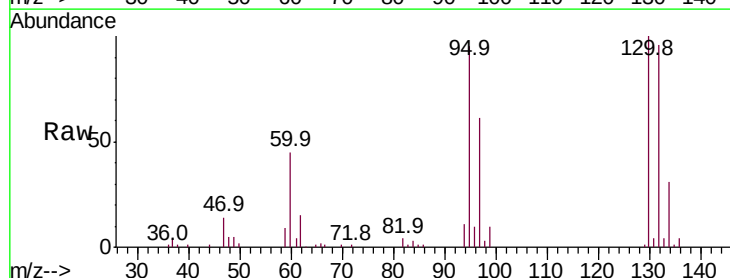
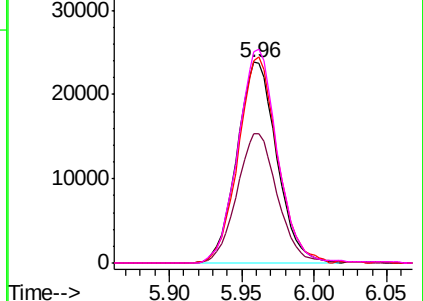
130 104.8 72.8 135.2

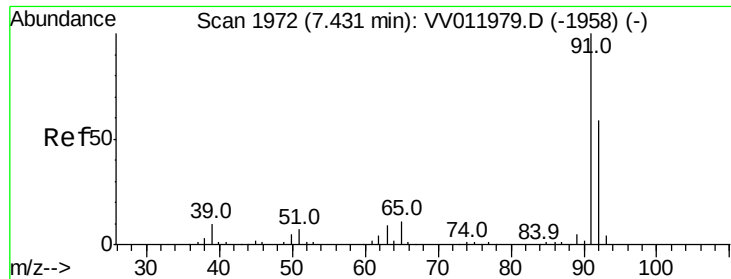
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#42

Toluene

Concen: 4.975 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011998.D

Acq: 24 Jul 2019 06:14

Instrument :

MSVOA_V

ClientSampleId :

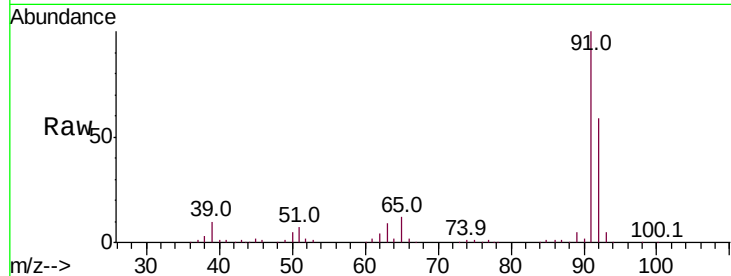
DB9A9MSD

Tot Ion: 91 Resp: 230167

Ion Ratio Lower Upper

91 100

92 58.8 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV011979.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV011979.D (-1958) (-)

7.43

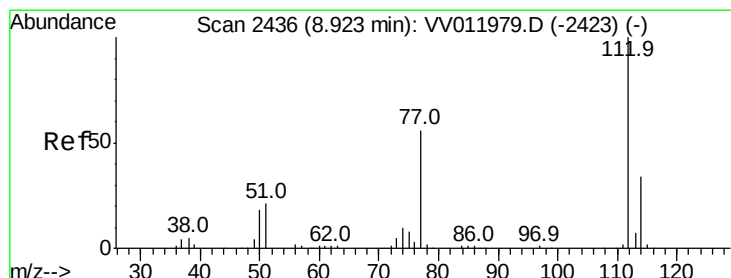
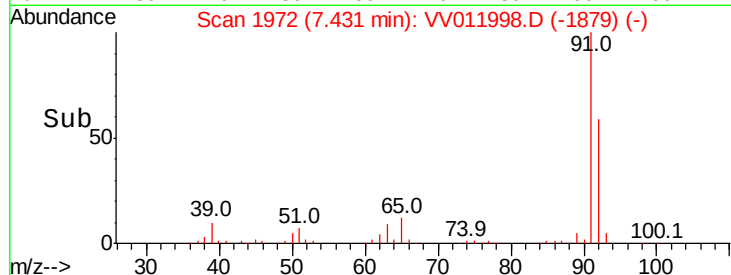
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.249 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV011998.D

Acq: 24 Jul 2019 06:14

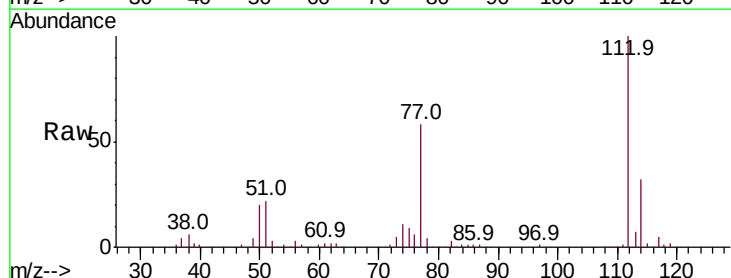
Tgt Ion: 112 Resp: 128705

Ion Ratio Lower Upper

112 100

114 32.2 23.0 42.8

77 58.5 46.4 69.6



Abundance Ion 112.10 (111.80 to 112.80): VV011979.D (-2423) (-)

Ion 114.05 (113.75 to 114.75): VV011979.D (-2423) (-)

Ion 77.10 (76.80 to 77.80): VV011979.D (-2423) (-)

8.92

100000

80000

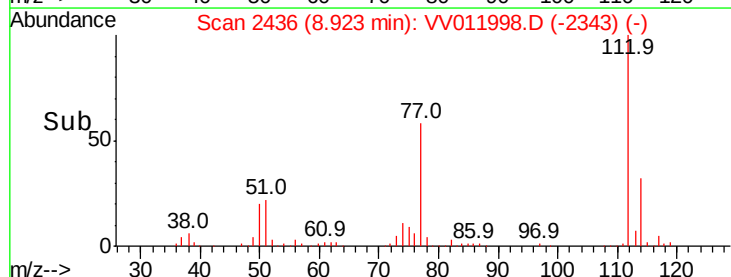
60000

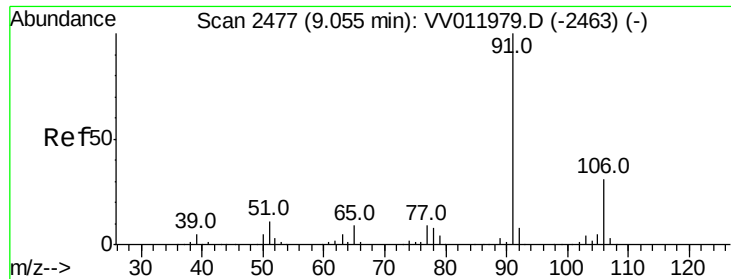
40000

20000

0

Time-->





#52

Ethylbenzene

Concen: 0.339 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV011998.D

Acq: 24 Jul 2019 06:14

Instrument :

MSVOA_V

ClientSampleId :

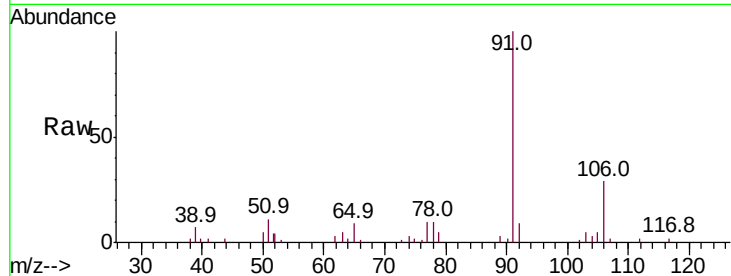
DB9A9MSD

Tot Ion: 91 Resp: 17914

Ion Ratio Lower Upper

91 100

106 29.2 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV011979.D (-2463) (-)

Ion 106.15 (105.85 to 106.85): VV011979.D (-2463) (-)

9.05

12000

10000

8000

6000

4000

2000

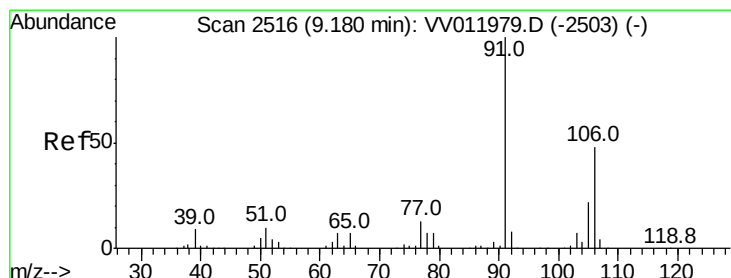
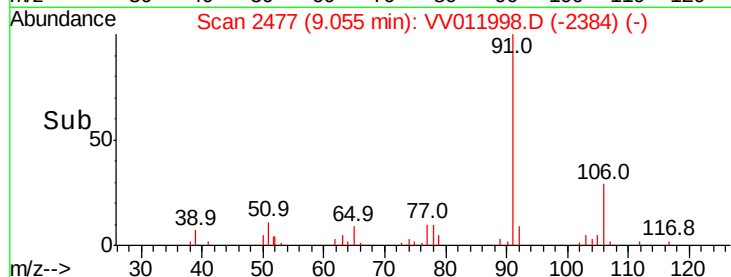
0

Time-->

9.00

9.05

9.10



#53

m,p-xylene

Concen: 1.616 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV011998.D

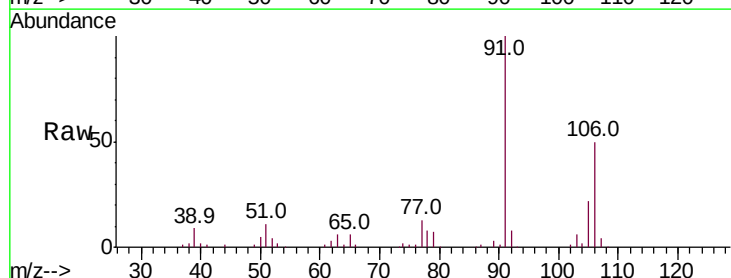
Acq: 24 Jul 2019 06:14

Tgt Ion: 106 Resp: 32481

Ion Ratio Lower Upper

106 100

91 198.9 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV011979.D (-2503) (-)

Ion 91.15 (90.85 to 91.85): VV011979.D (-2503) (-)

9.18

40000

30000

20000

10000

0

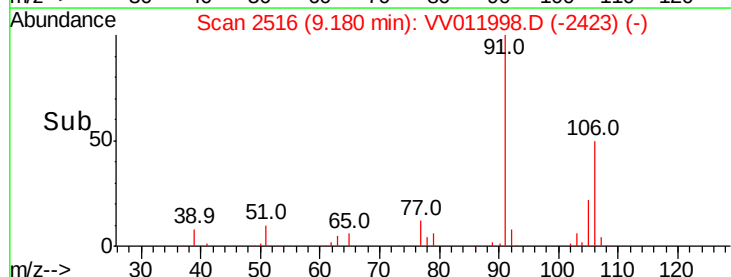
Time-->

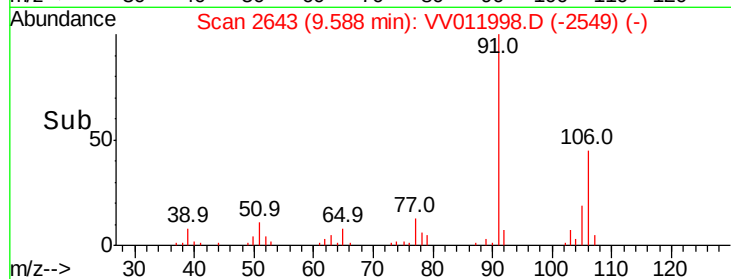
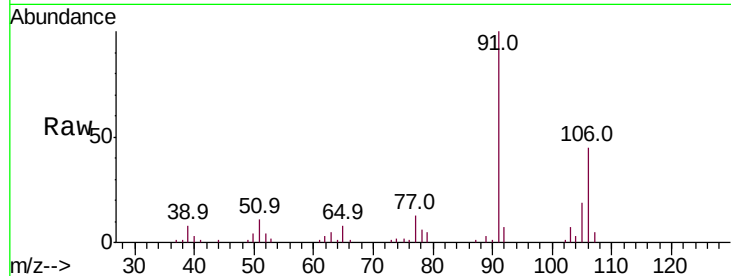
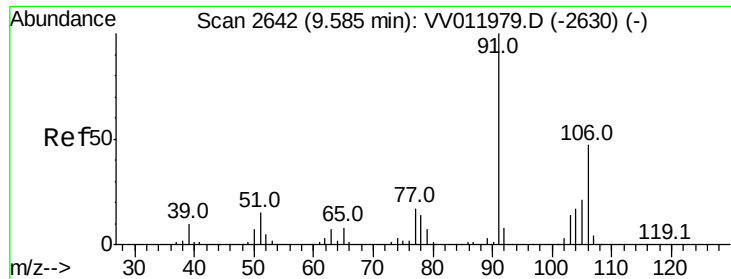
9.10

9.15

9.20

9.25





#54
o-xylene
Concen: 0.613 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV011998.D
Acq: 24 Jul 2019 06:14

Instrument :
MSVOA_V
ClientSampleId :
DB9A9MSD

Tot Ion:106 Resp: 11691
Ion Ratio Lower Upper
106 100
91 223.9 151.0 280.4

