

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072519\
 Data File : VV012033.D
 Acq On : 25 Jul 2019 17:14
 Operator : SY/MD
 Sample : K3960-06MSD
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MSD

Quant Time: Jul 26 03:45:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 26 02:35:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	135362	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30301	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	26229	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.14	63	63181	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	3.94	46	106293	51.69	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.38%
24) Chloroform-d	4.40	84	85340	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	49159	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	172227	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	51457	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	152202	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.66	79	18678	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.13	63	86301	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37275	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	65653	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

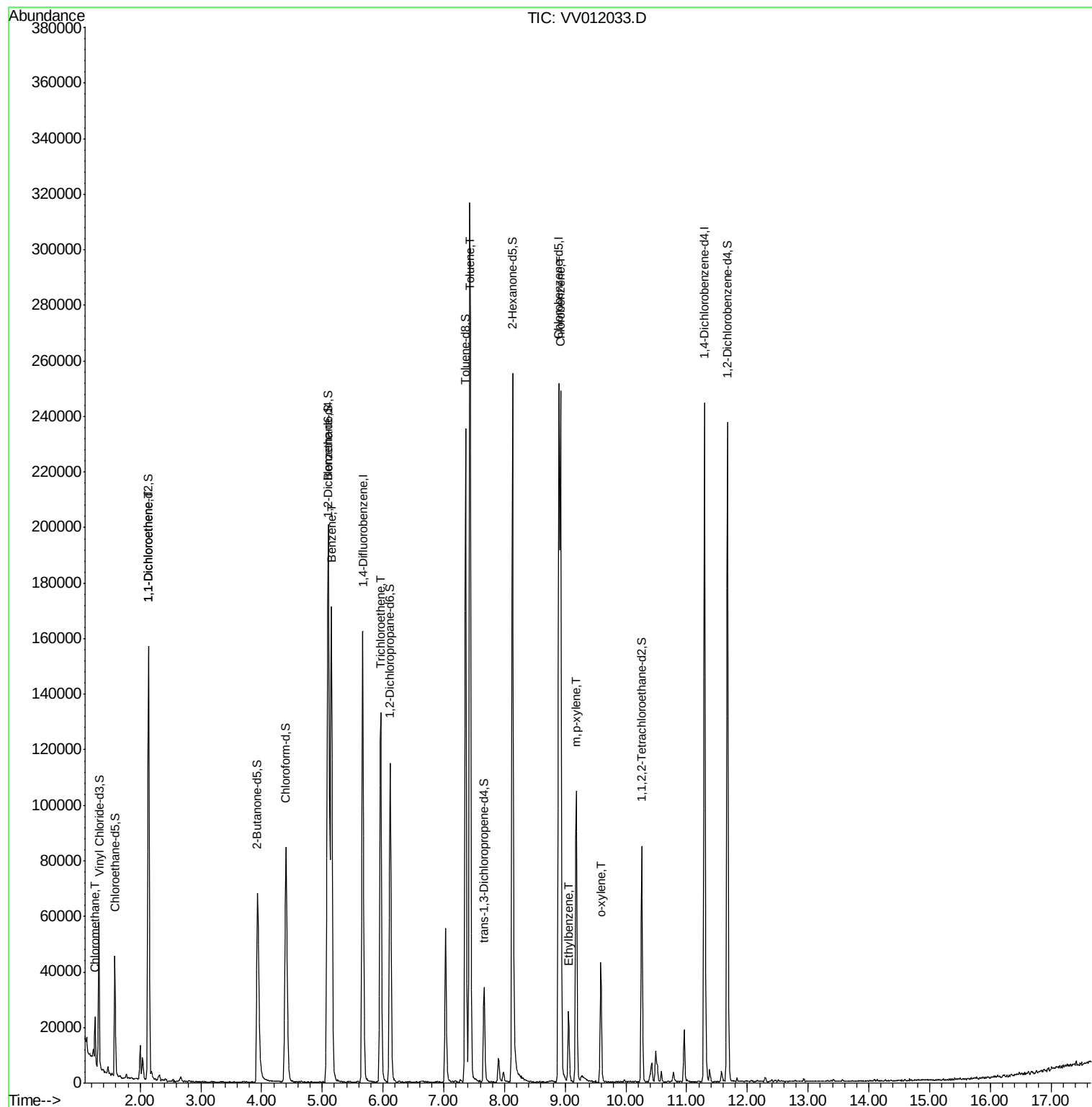
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	10581	1.303	ug/L	95
12) 1,1-Dichloroethene	2.14	96	26194	4.252	ug/L	91
33) Benzene	5.15	78	164555	4.225	ug/L	100
34) Trichloroethene	5.96	95	44344	4.100	ug/L	98
42) Toluene	7.43	91	223091	5.336	ug/L	98
51) Chlorobenzene	8.92	112	122263	4.466	ug/L	99
52) Ethylbenzene	9.06	91	17633	0.370	ug/L	98
53) m,p-xylene	9.18	106	29901	1.646	ug/L	100
54) o-xylene	9.59	106	11520	0.669	ug/L	95

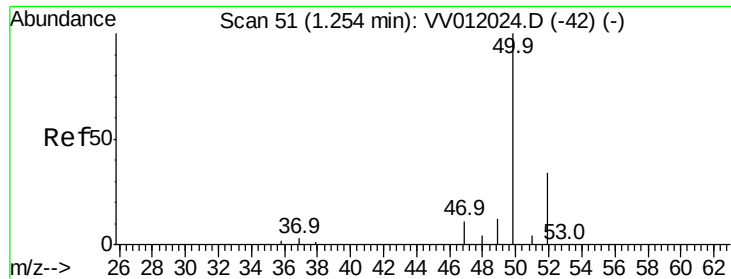
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.303 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012033.D

Acq: 25 Jul 2019 17:14

Instrument :

MSVOA_V

ClientSampleId :

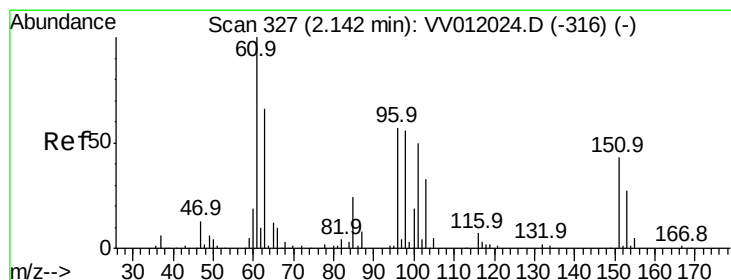
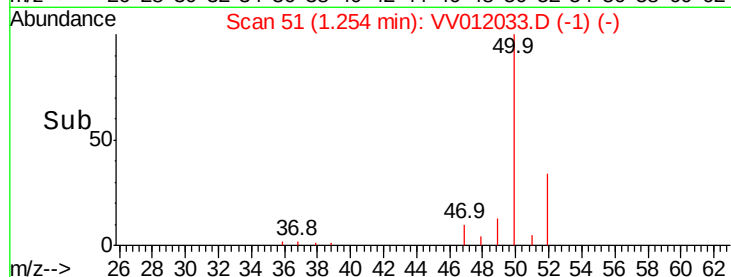
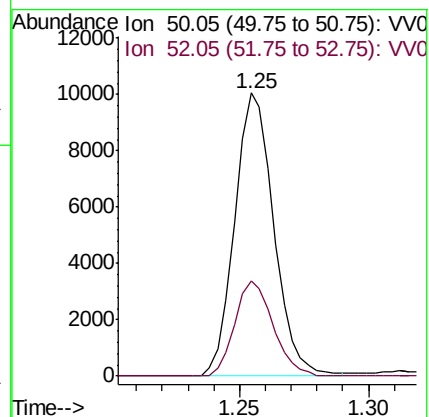
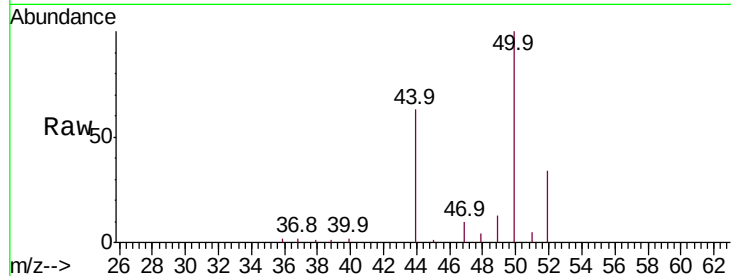
DB9A9MSD

Tot Ion: 50 Resp: 10581

Ion Ratio Lower Upper

50 100

52 33.7 21.6 40.2



#12

1,1-Dichloroethene

Concen: 4.252 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV012033.D

Acq: 25 Jul 2019 17:14

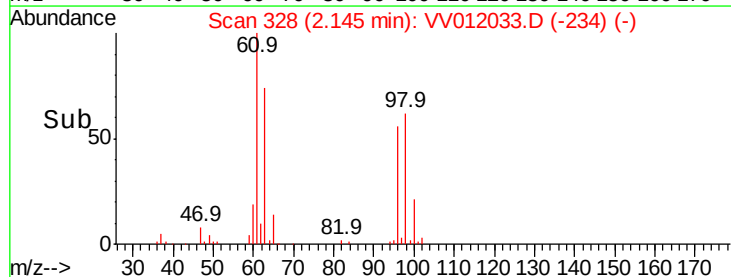
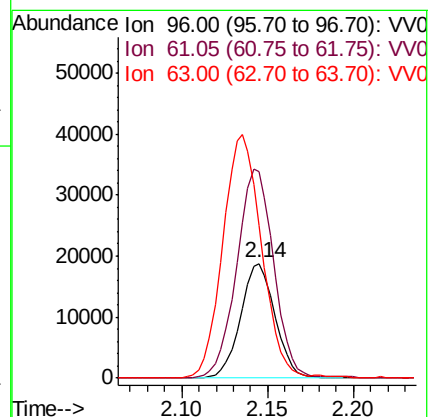
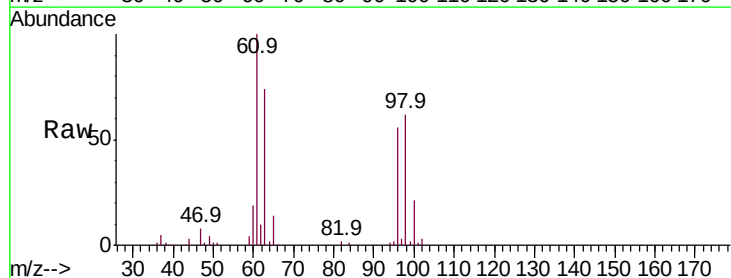
Tgt Ion: 96 Resp: 26194

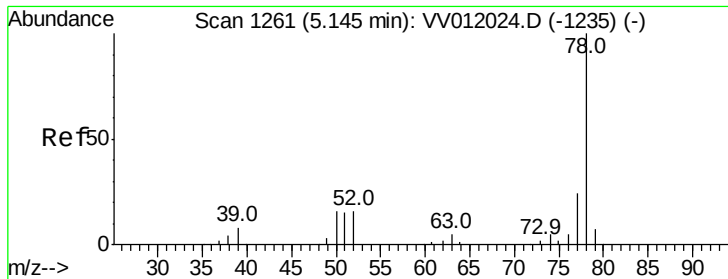
Ion Ratio Lower Upper

96 100

61 179.4 132.7 246.5

63 133.0 104.0 193.1





#33

Benzene

Concen: 4.225 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV012033.D

Acq: 25 Jul 2019 17:14

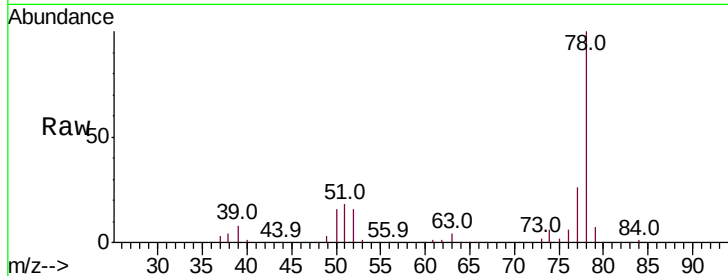
Instrument :

MSVOA_V

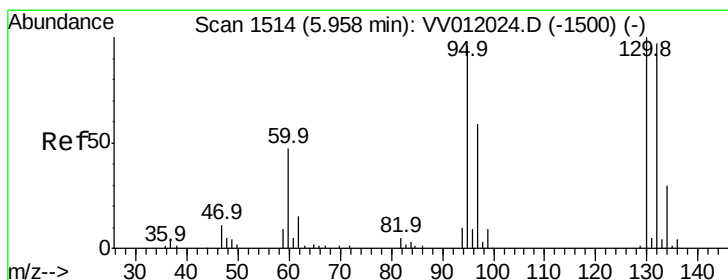
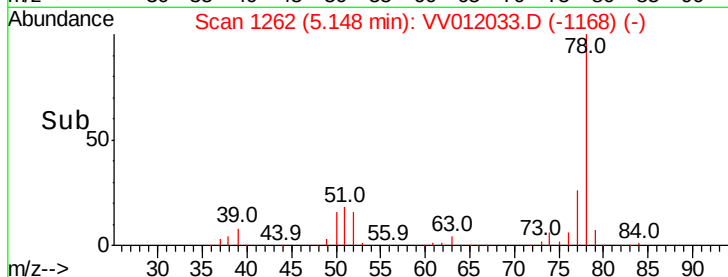
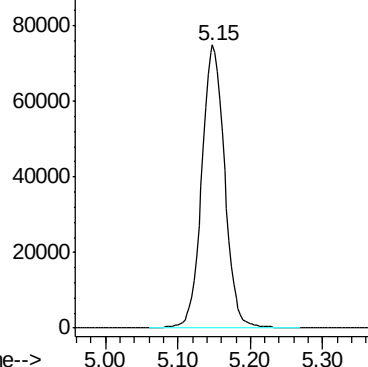
ClientSampleId :

DB9A9MSD

Tgt Ion: 78 Resp: 164555



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.100 ug/L

RT: 5.96 min Scan# 1515

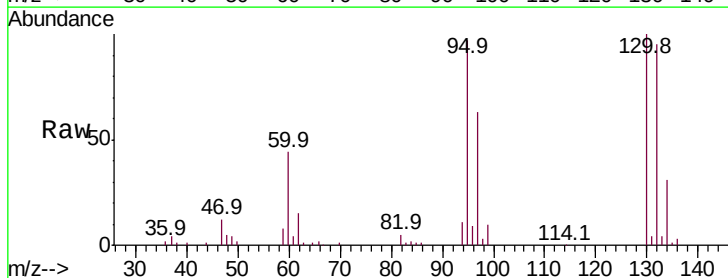
Delta R.T. 0.00 min

Lab File: VV012033.D

Acq: 25 Jul 2019 17:14

Tgt Ion: 95 Resp: 44344

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.6	84.6
132	98.3	71.3	132.3
130	103.6	72.8	135.2

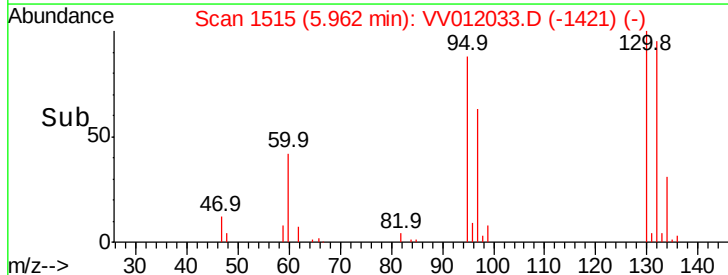
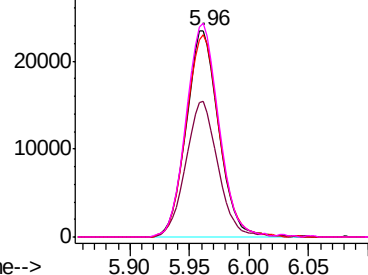


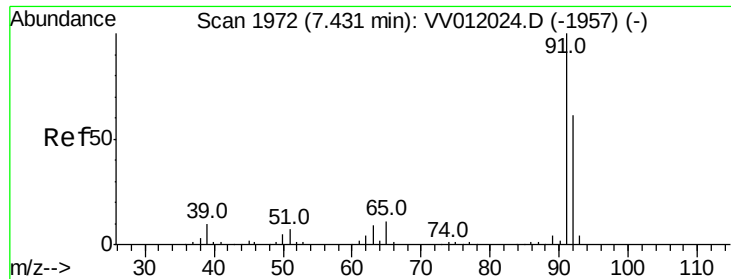
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 5.336 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012033.D

Acq: 25 Jul 2019 17:14

Instrument :

MSVOA_V

ClientSampleId :

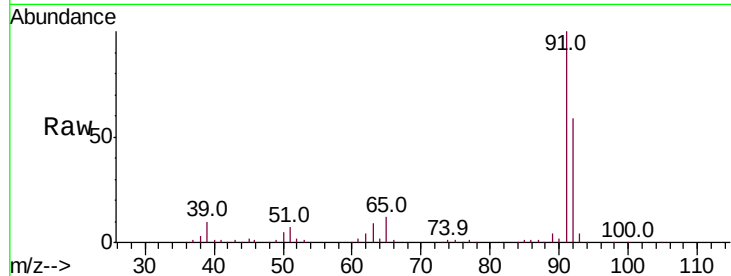
DB9A9MSD

Tot Ion: 91 Resp: 223091

Ion Ratio Lower Upper

91 100

92 58.7 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV012024.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012024.D (-1957) (-)

7.43

150000

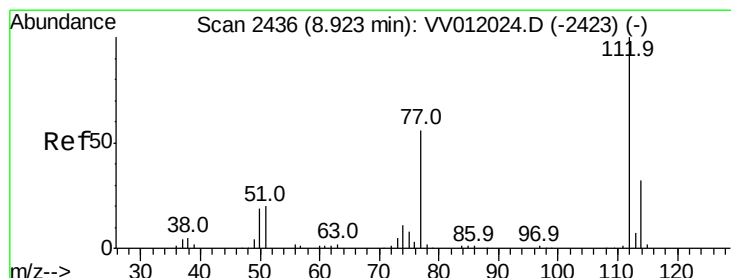
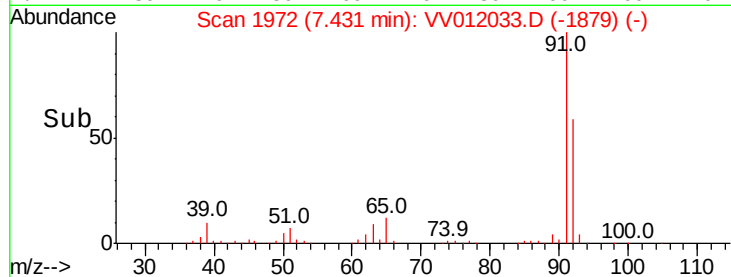
100000

50000

0

Time-->

7.35 7.40 7.45 7.50



#51

Chlorobenzene

Concen: 4.466 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012033.D

Acq: 25 Jul 2019 17:14

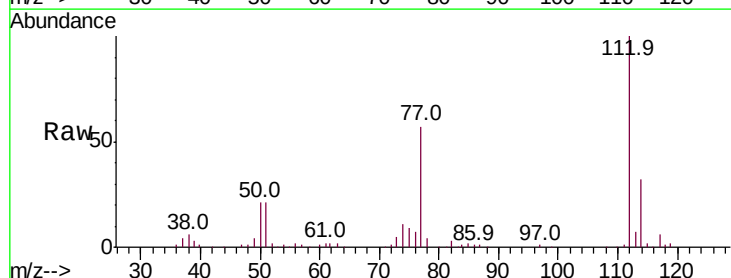
Tgt Ion: 112 Resp: 122263

Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.8

77 57.4 46.4 69.6



Abundance Ion 112.10 (111.80 to 112.80): VV012024.D (-2423) (-)

Ion 114.05 (113.75 to 114.75): VV012024.D (-2423) (-)

Ion 77.10 (76.80 to 77.80): VV012024.D (-2423) (-)

8.92

100000

80000

60000

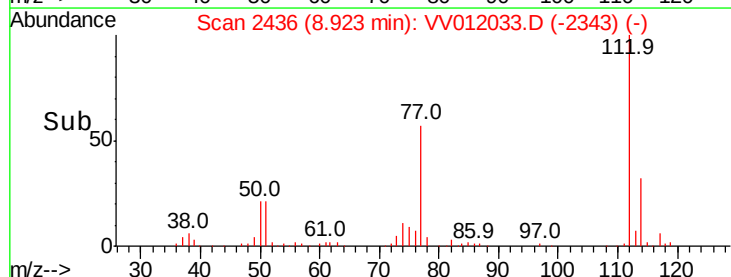
40000

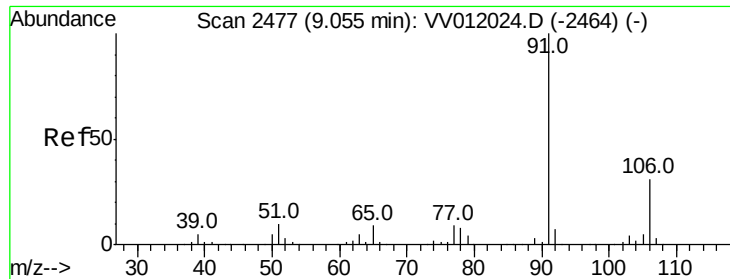
20000

0

Time-->

8.90 9.00





#52

Ethylbenzene

Concen: 0.370 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV012033.D

Acq: 25 Jul 2019 17:14

Instrument :

MSVOA_V

ClientSampleId :

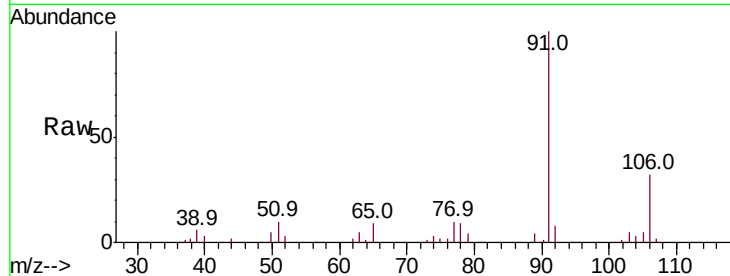
DB9A9MSD

Tot Ion: 91 Resp: 17633

Ion Ratio Lower Upper

91 100

106 31.8 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012024.D (-2464) (-)

Ion 106.15 (105.85 to 106.85): VV012024.D (-2464) (-)

40000

30000

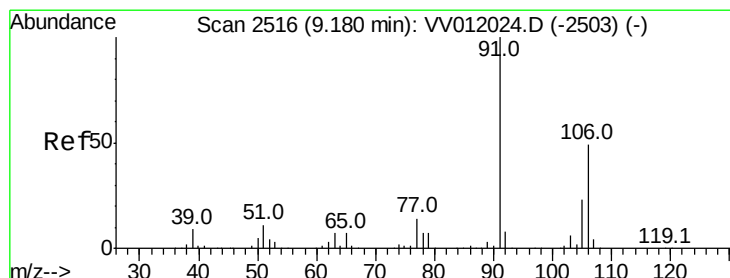
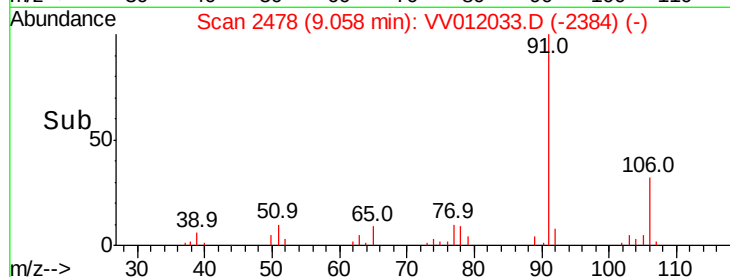
20000

10000

0

9.00 9.05 9.10 9.15

Time-->



#53

m,p-xylene

Concen: 1.646 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012033.D

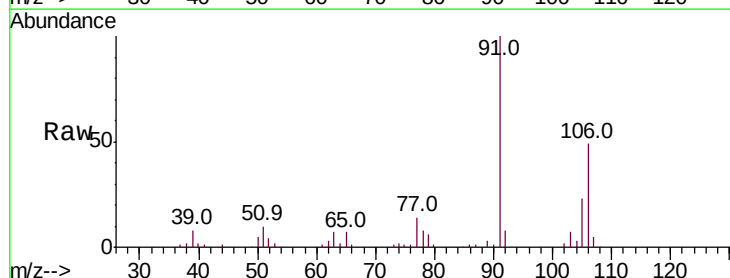
Acq: 25 Jul 2019 17:14

Tgt Ion: 106 Resp: 29901

Ion Ratio Lower Upper

106 100

91 203.4 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV012024.D (-2503) (-)

Ion 91.15 (90.85 to 91.85): VV012024.D (-2503) (-)

40000

30000

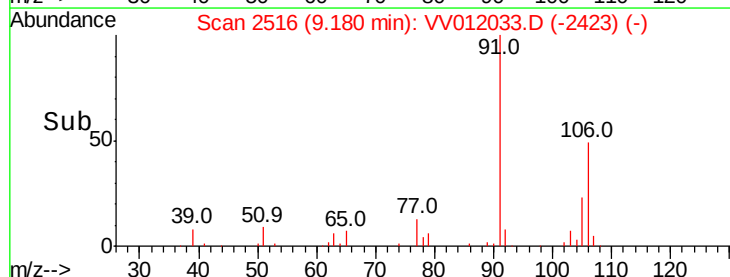
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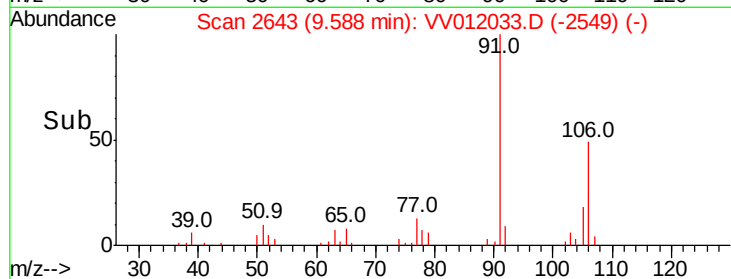
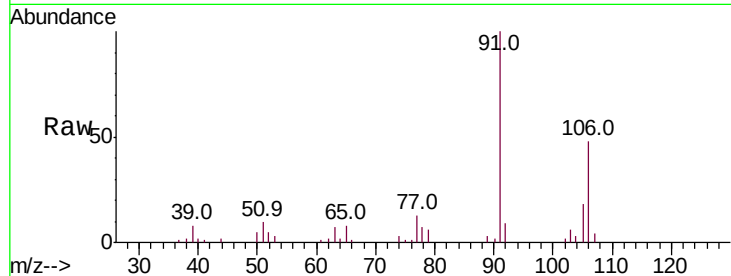
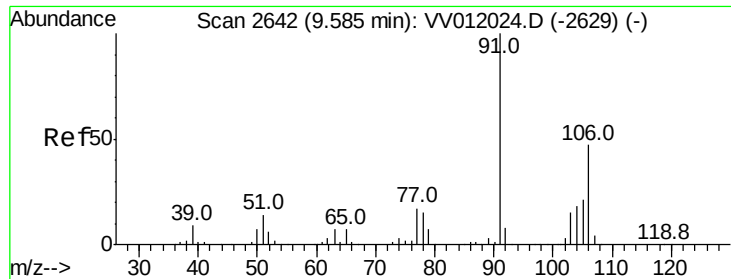
10000

0

9.10 9.15 9.20 9.25

Time-->





#54
o-xylene
Concen: 0.669 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV012033.D
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MSVOA_V
ClientSampleId :
DB9A9MSD

Tot Ion:106 Resp: 11520
Ion Ratio Lower Upper
106 100
91 207.6 151.0 280.4

