

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011273.D
 Acq On : 07 Jun 2019 05:33
 Operator : SY/MD
 Sample : K3197-18
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P25

Quant Time: Jun 09 21:26:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 07 08:11:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52228	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	37168	3.71	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.12	63	85876	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.96	46	152414	56.13	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	4.40	84	98277	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	56907	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	200216	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	63138	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	177595	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	19419	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	118115	54.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44759	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59071	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

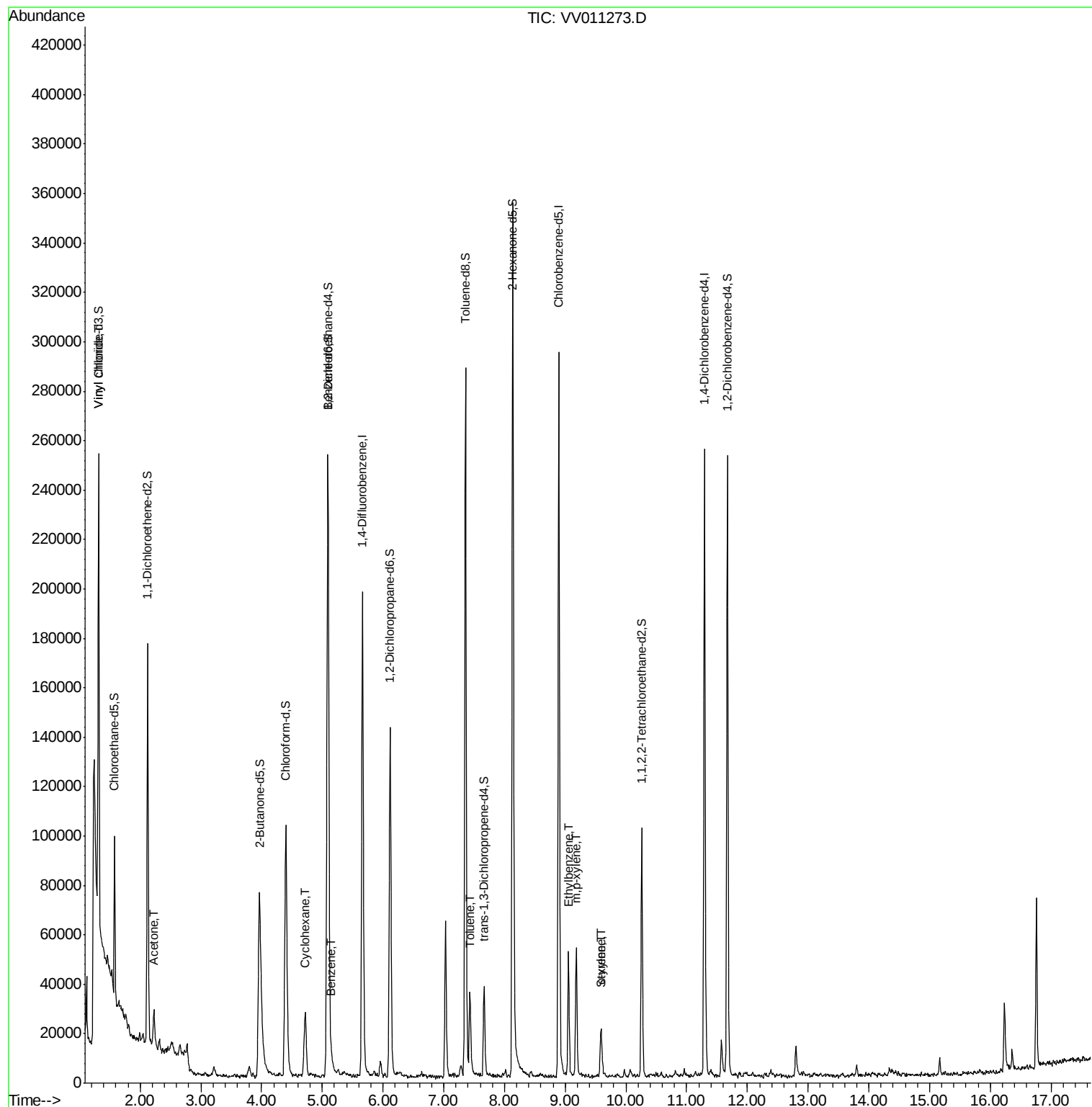
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	60109	4.105	ug/L	# 31
13) Acetone	2.22	43	10240	5.625	ug/L	95
30) Cyclohexane	4.72	56	13853	0.677	ug/L	95
33) Benzene	5.15	78	5176	0.112	ug/L	100
42) Toluene	7.43	91	22127	0.451	ug/L	98
52) Ethylbenzene	9.05	91	33501	0.615	ug/L	98
53) m,p-xylene	9.18	106	14025	0.696	ug/L	97
54) o-xylene	9.59	106	4726	0.239	ug/L	93
55) Styrene	9.60	104	3462	0.107	ug/L	81

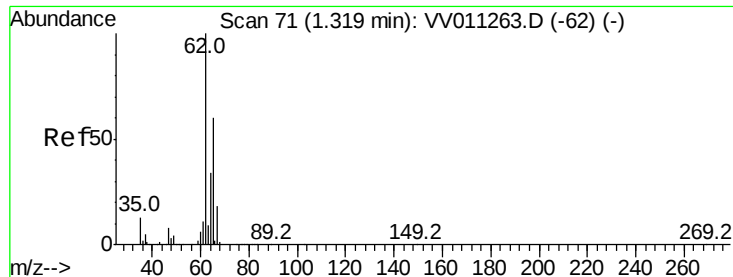
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.105 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011273.D

Acq: 07 Jun 2019 05:33

Instrument :

MSVOA_V

ClientSampleId :

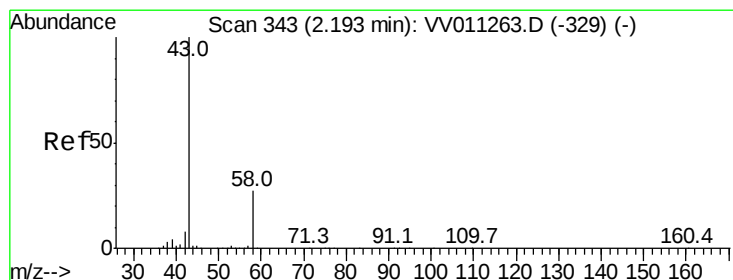
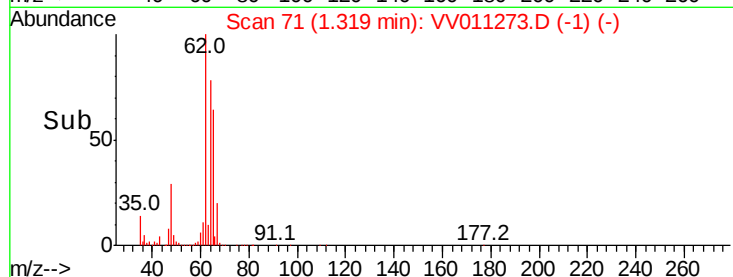
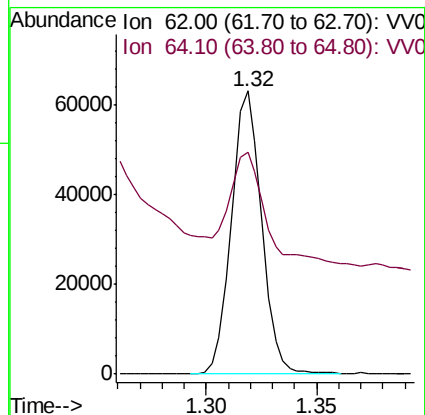
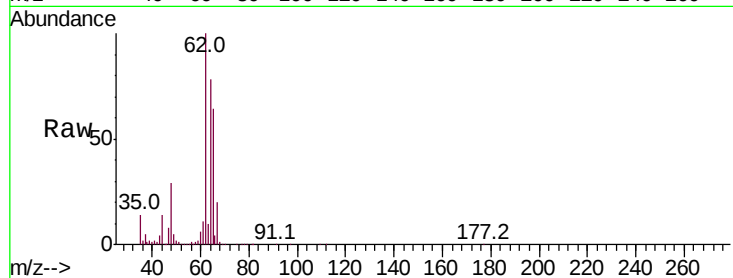
F9P25

Tot Ion: 62 Resp: 60109

Ion Ratio Lower Upper

62 100

64 78.3 25.9 48.1#



#13

Acetone

Concen: 5.625 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.03 min

Lab File: VV011273.D

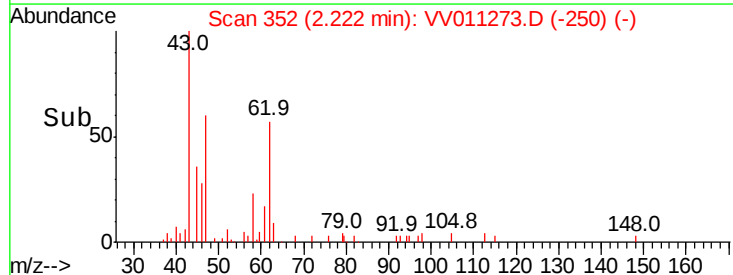
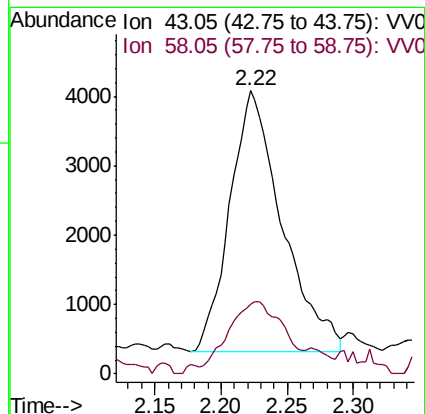
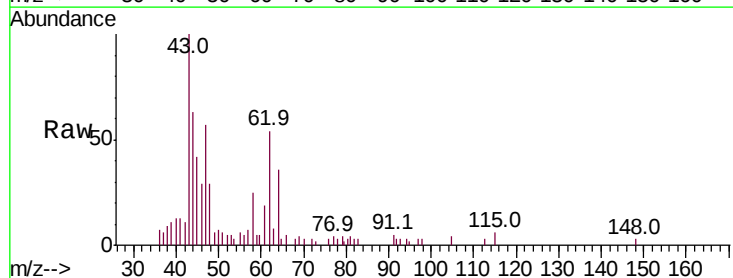
Acq: 07 Jun 2019 05:33

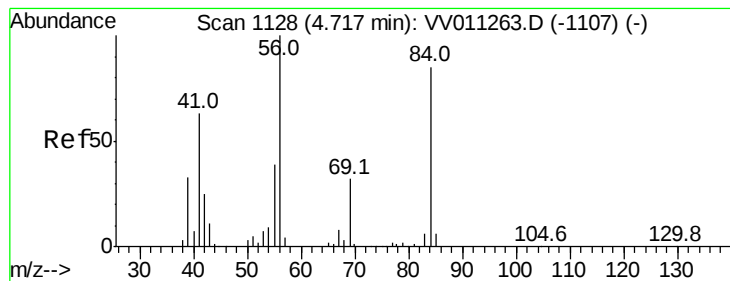
Tgt Ion: 43 Resp: 10240

Ion Ratio Lower Upper

43 100

58 25.0 0.0 55.2





#30

Cyclohexane

Concen: 0.677 ug/L

RT: 4.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VV011273.D

Acq: 07 Jun 2019 05:33

Instrument :

MSVOA_V

ClientSampled :

F9P25

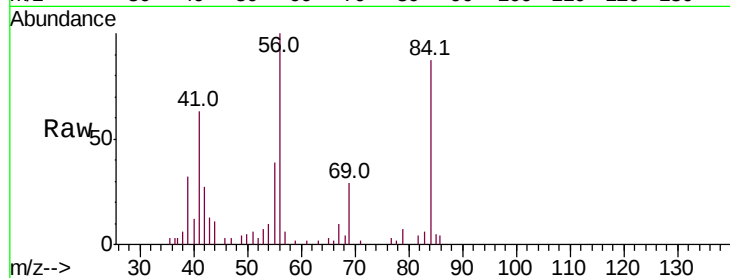
Tot Ion: 56 Resp: 13853

Ion Ratio Lower Upper

56 100

69 31.9 24.1 36.1

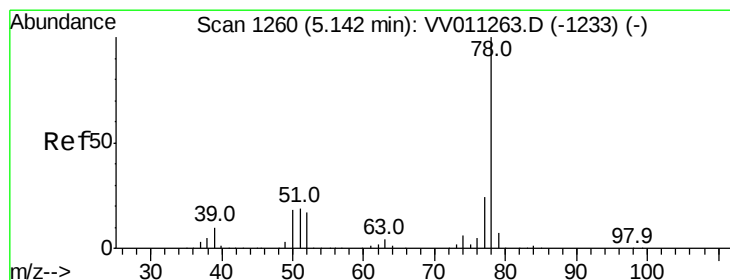
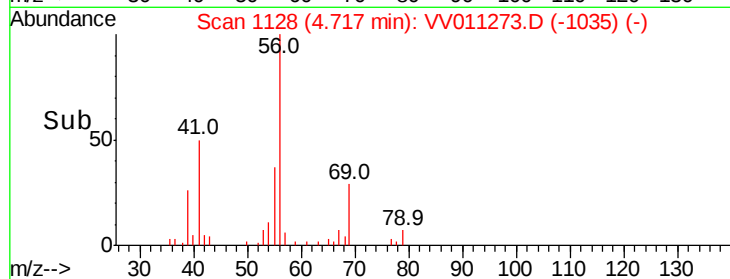
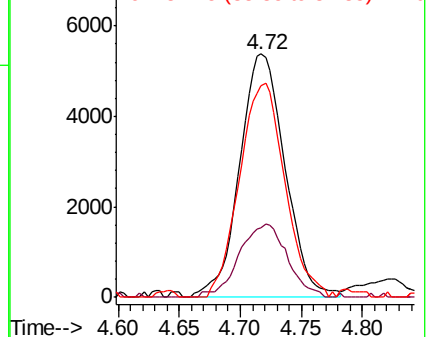
84 87.9 66.4 99.6



Abundance Ion 56.10 (55.80 to 56.80): VV011263.D (-1107) (-)

Ion 69.15 (68.85 to 69.85): VV011263.D (-1107) (-)

Ion 84.15 (83.85 to 84.85): VV011263.D (-1107) (-)



#33

Benzene

Concen: 0.112 ug/L

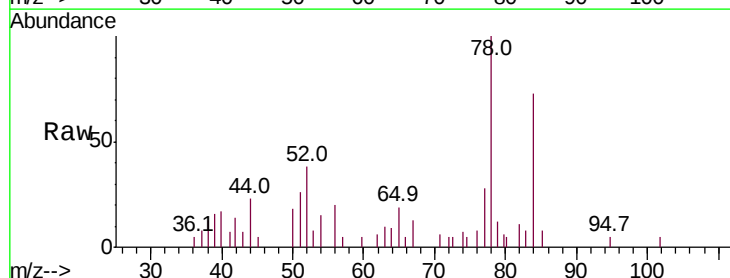
RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

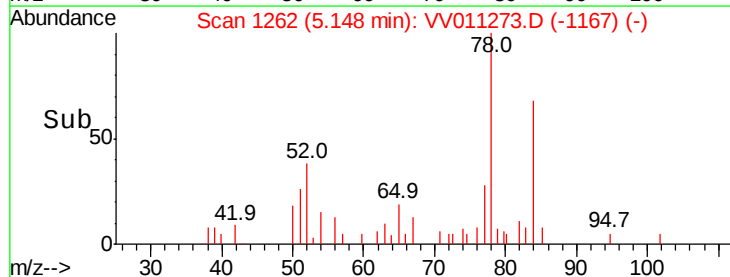
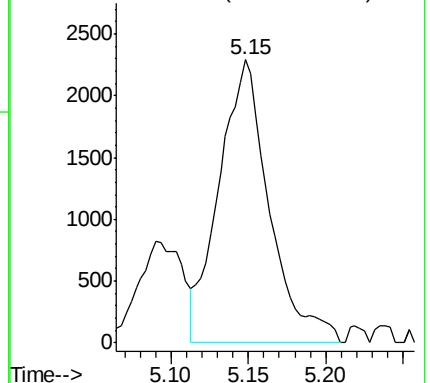
Lab File: VV011273.D

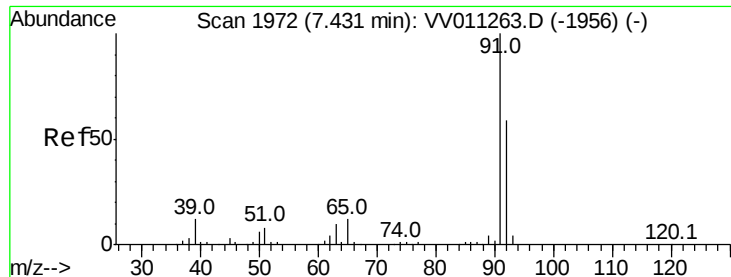
Acq: 07 Jun 2019 05:33

Tgt Ion: 78 Resp: 5176



Abundance Ion 78.10 (77.80 to 78.80): VV011263.D (-1233) (-)





#42

Toluene

Concen: 0.451 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011273.D

Acq: 07 Jun 2019 05:33

Instrument :

MSVOA_V

ClientSampleId :

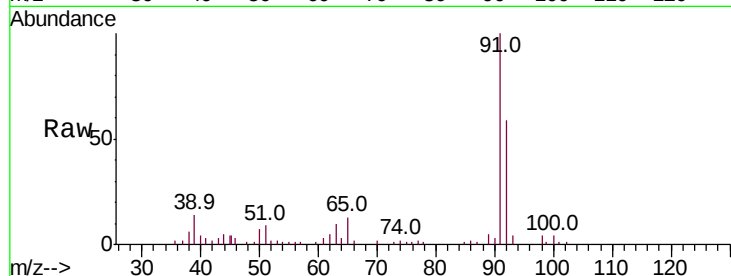
F9P25

Tot Ion: 91 Resp: 22127

Ion Ratio Lower Upper

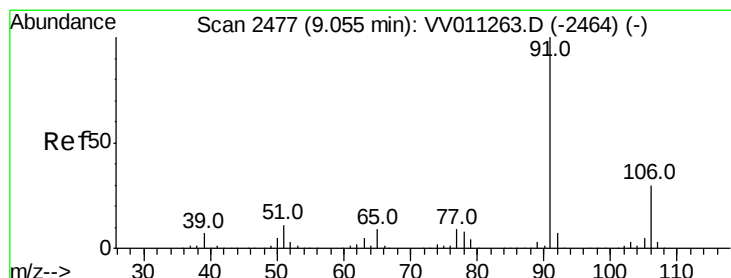
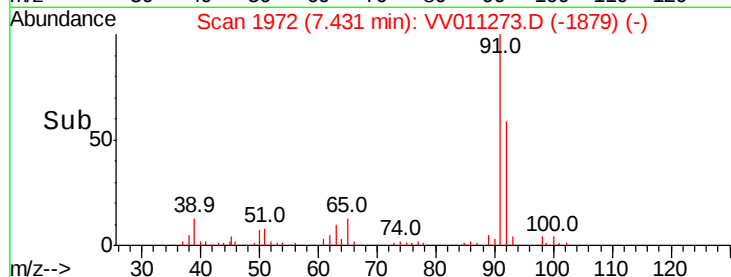
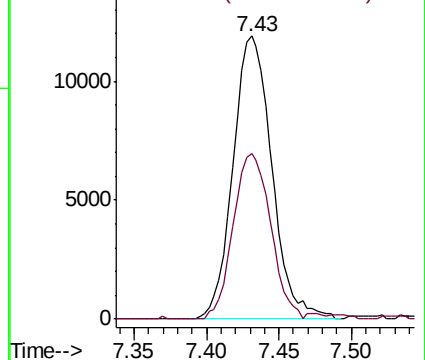
91 100

92 58.6 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#52

Ethylbenzene

Concen: 0.615 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011273.D

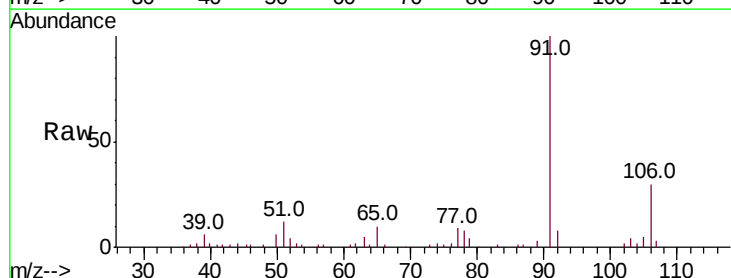
Acq: 07 Jun 2019 05:33

Tgt Ion: 91 Resp: 33501

Ion Ratio Lower Upper

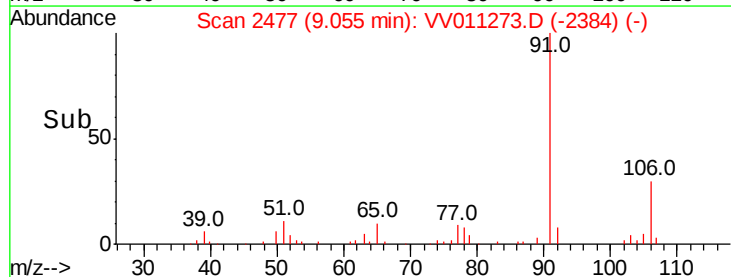
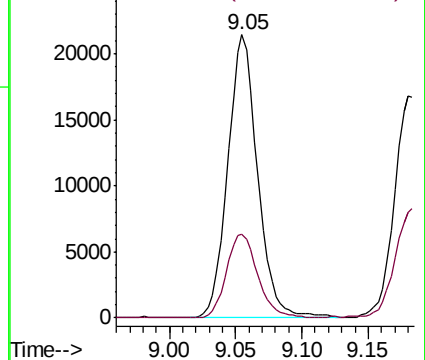
91 100

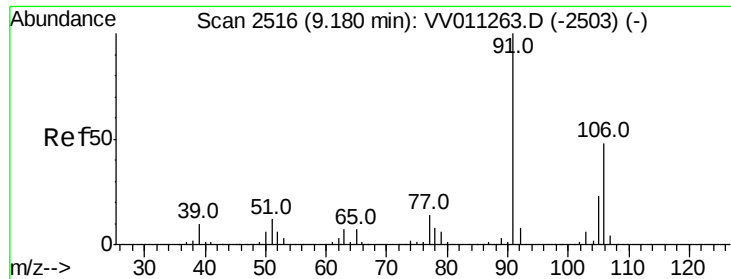
106 29.5 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.696 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011273.D

Acq: 07 Jun 2019 05:33

Instrument :

MSVOA_V

ClientSampled :

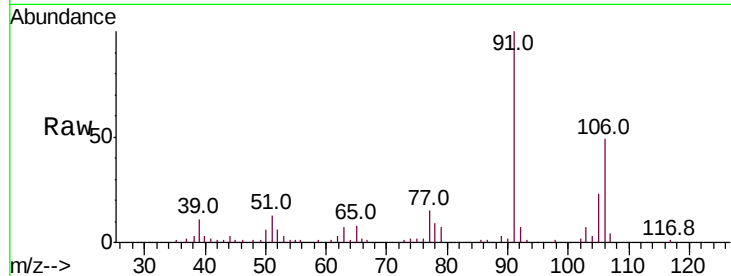
F9P25

Tot Ion:106 Resp: 14025

Ion Ratio Lower Upper

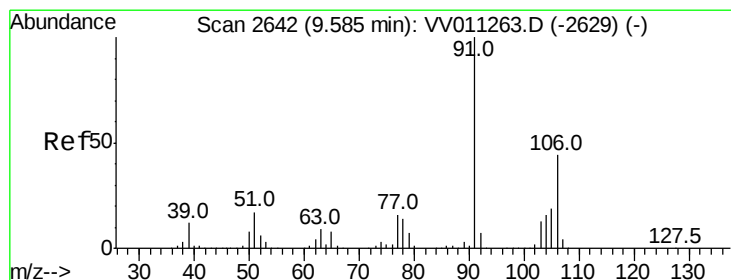
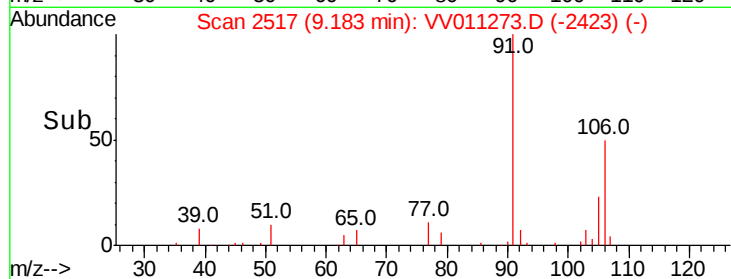
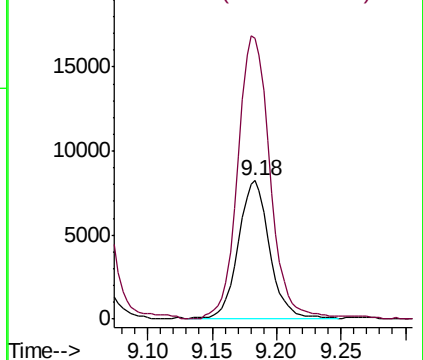
106 100

91 202.8 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.239 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.01 min

Lab File: VV011273.D

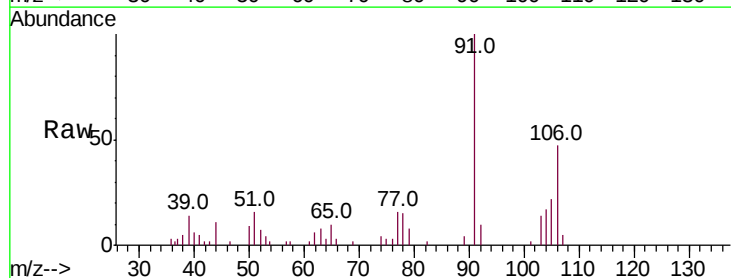
Acq: 07 Jun 2019 05:33

Tgt Ion:106 Resp: 4726

Ion Ratio Lower Upper

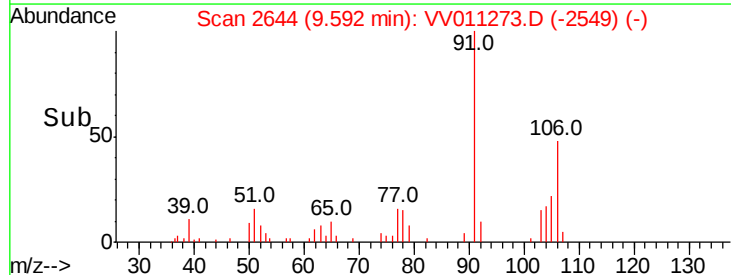
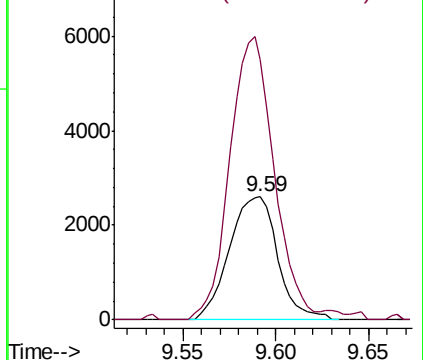
106 100

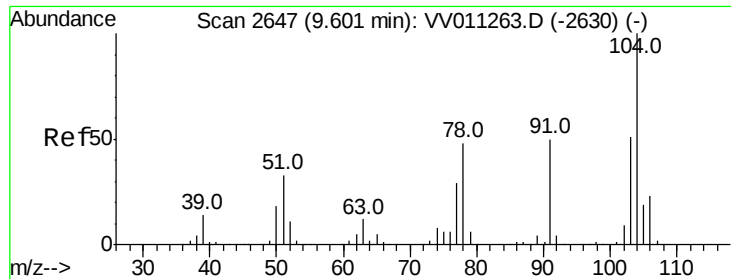
91 211.4 155.4 288.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

Concen: 0.107 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV011273.D

Acq: 07 Jun 2019 05:33

Instrument :

MSVOA_V

ClientSampleId :

F9P25

Tot Ion:104 Resp: 3462

Ion Ratio Lower Upper

104 100

78 59.1 32.4 60.2

