

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015816.D
 Acq On : 30 Apr 2020 02:28
 Operator : SY/MD
 Sample : L2431-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKR9

Quant Time: Apr 30 08:17:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125791	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120916	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58287	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35080	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	31797	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.12	63	51880	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.91	46	89676	42.48	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.96%
24) Chloroform-d	4.38	84	60094	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.06	65	38256	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.08	84	134730	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.10	67	42121	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.34	98	119752	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.65	79	12709	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.11	63	66183	38.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27944	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	43239	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

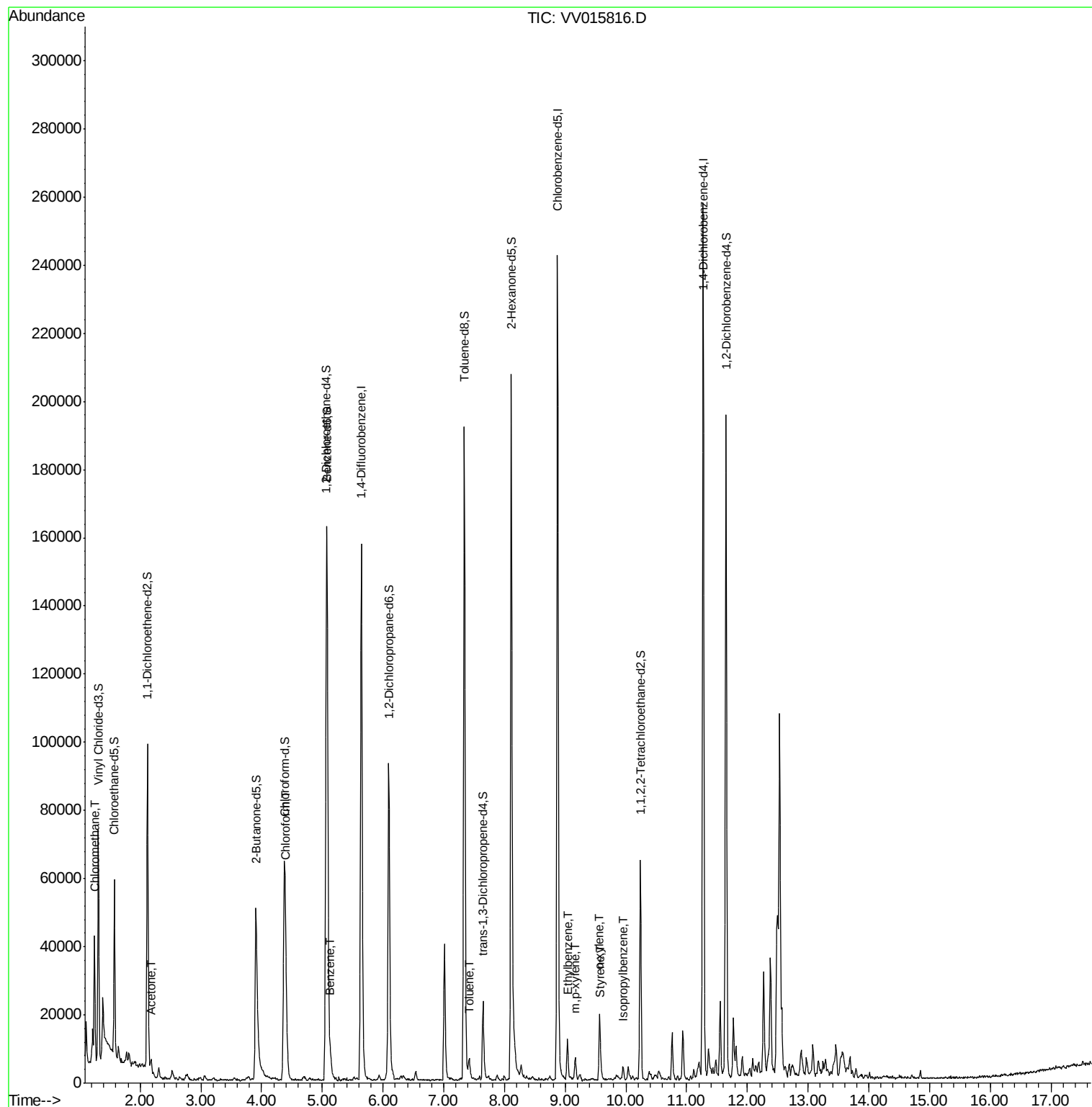
					Ovalue
3) Chloromethane	1.25	50	22723	2.438	ug/L 97
13) Acetone	2.18	43	4734	3.230	ug/L 90
25) Chloroform	4.40	83	16593	0.971	ug/L 96
33) Benzene	5.13	78	6820	0.197	ug/L 100
42) Toluene	7.41	91	4267	0.116	ug/L 100
52) Ethylbenzene	9.04	91	8455	0.198	ug/L 95
53) m,p-xylene	9.16	106	1799	0.115	ug/L 94
54) o-xylene	9.57	106	4182	0.276	ug/L 99
55) Styrene	9.59	104	1643	0.064	ug/L 100
56) Isopropylbenzene	9.95	105	2244	0.053	ug/L 97

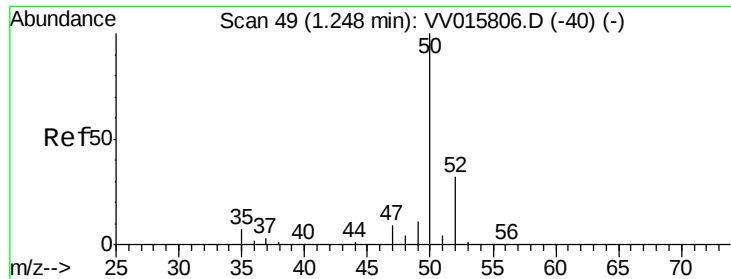
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 2.438 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015816.D

Acq: 30 Apr 2020 02:28

Instrument :

MSVOA_V

ClientSampleId :

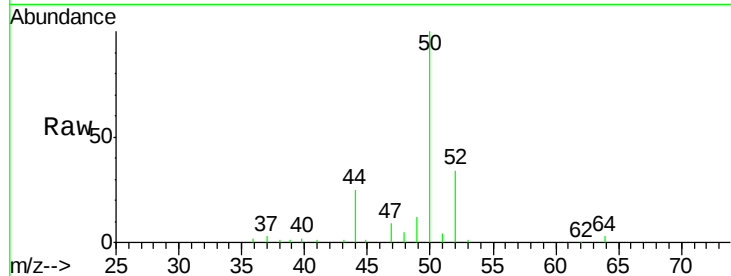
ETKR9

Tot Ion: 50 Resp: 22723

Ion Ratio Lower Upper

50 100

52 34.2 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

20000

15000

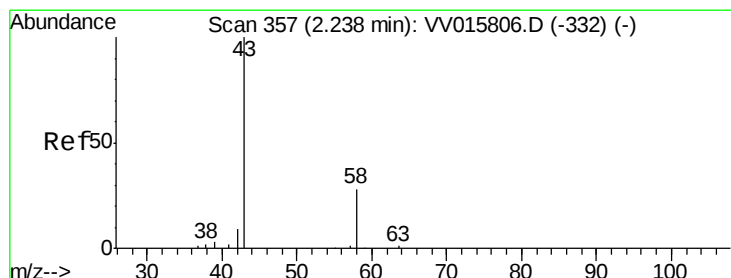
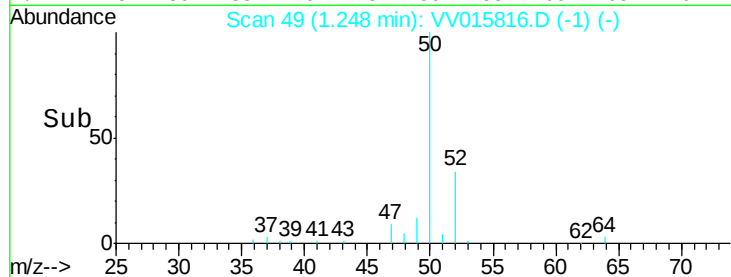
10000

5000

0

Time-->

1.20 1.25 1.30



#13

Acetone

Concen: 3.230 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.04 min

Lab File: VV015816.D

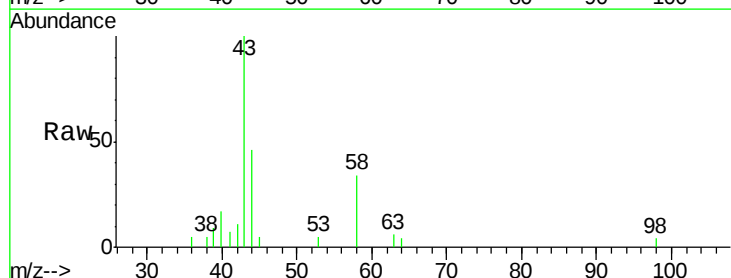
Acq: 30 Apr 2020 02:28

Tgt Ion: 43 Resp: 4734

Ion Ratio Lower Upper

43 100

58 34.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.18

3000

2500

2000

1500

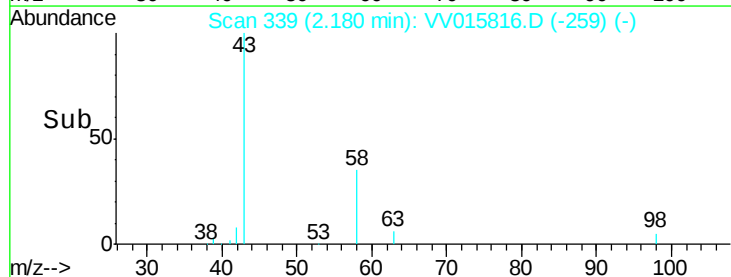
1000

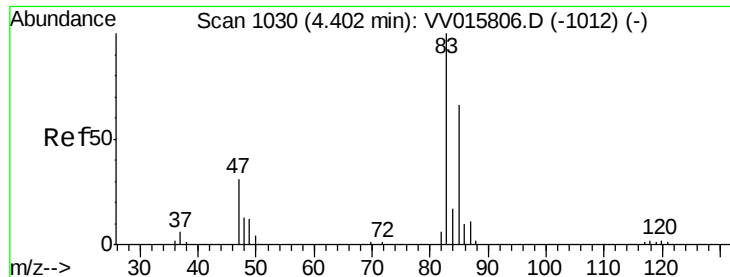
500

0

Time-->

2.15 2.20 2.25

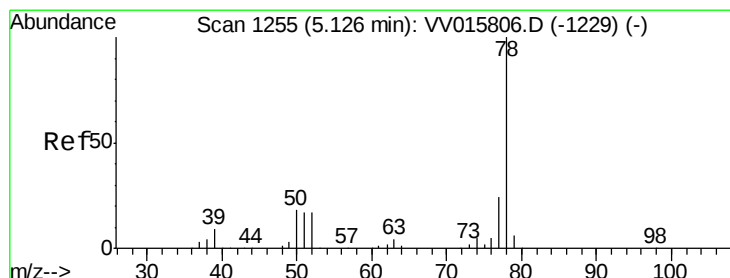
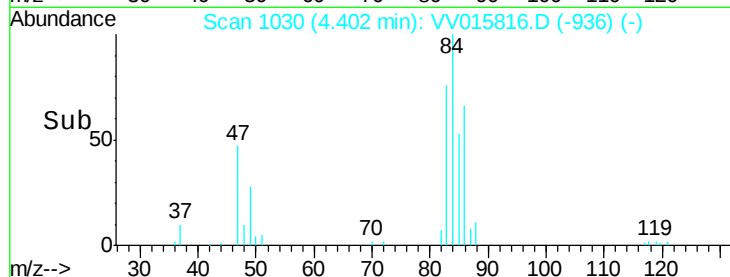
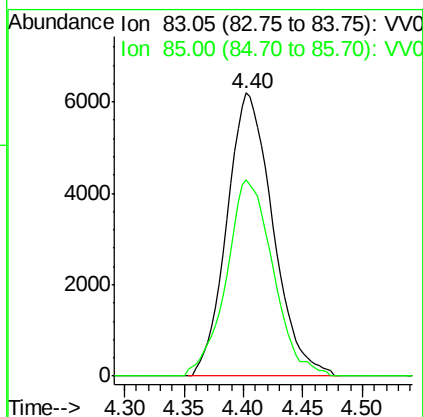
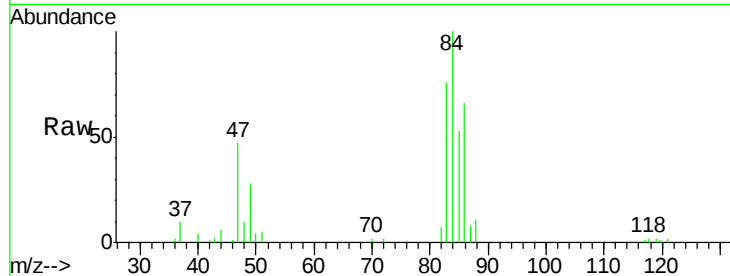




#25
Chloroform
Concen: 0.971 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015816.D
Acq: 30 Apr 2020 02:28

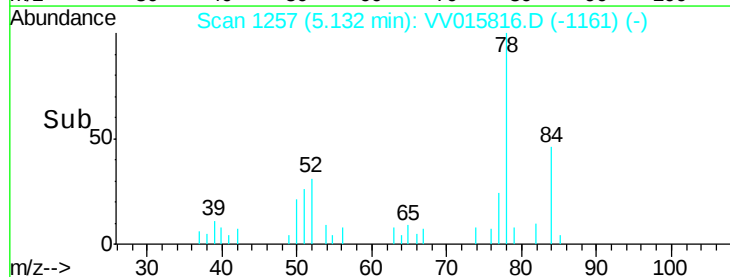
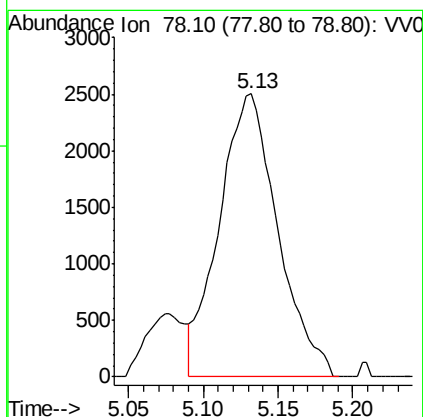
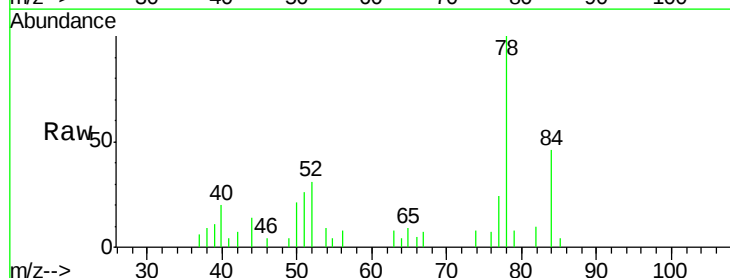
Instrument :
MSVOA_V
ClientSampled :
ETKR9

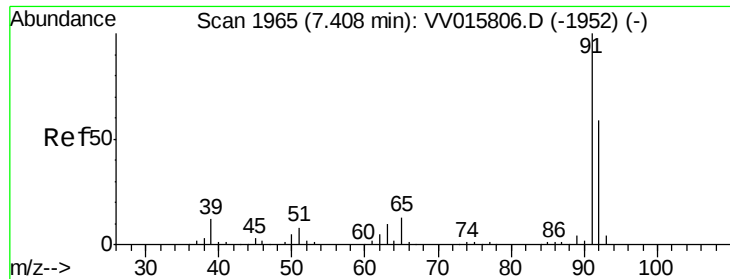
Tot Ion: 83 Resp: 16593
Ion Ratio Lower Upper
83 100
85 69.2 46.1 85.5



#33
Benzene
Concen: 0.197 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV015816.D
Acq: 30 Apr 2020 02:28

Tgt Ion: 78 Resp: 6820





#42

Toluene

Concen: 0.116 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015816.D

Acq: 30 Apr 2020 02:28

Instrument :

MSVOA_V

ClientSampleId :

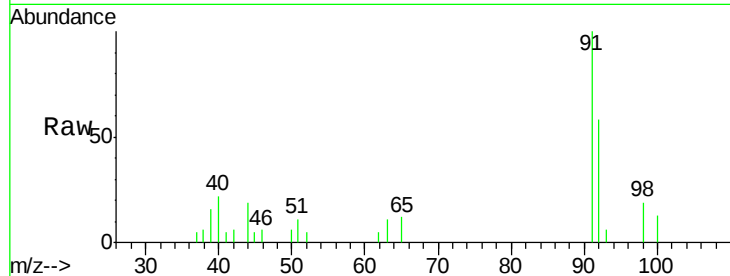
ETKR9

Tot Ion: 91 Resp: 4267

Ion Ratio Lower Upper

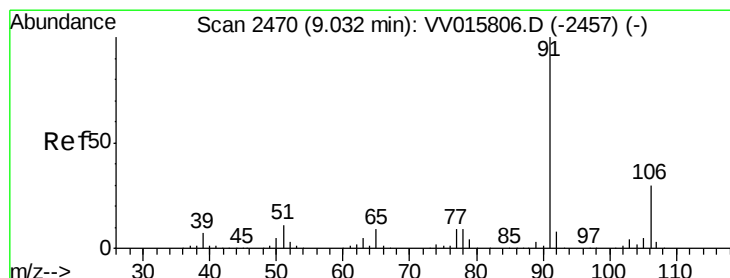
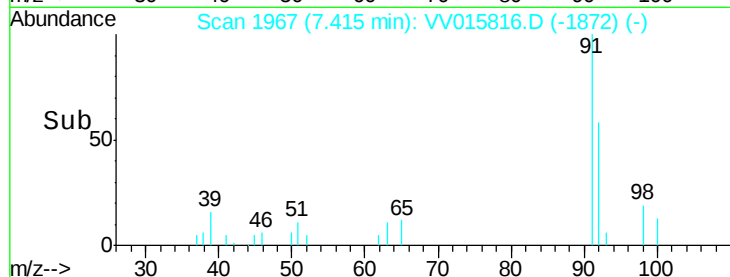
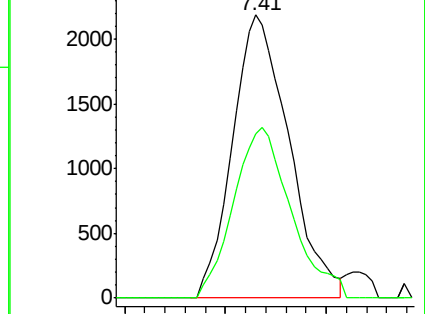
91 100

92 58.1 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#52

Ethylbenzene

Concen: 0.198 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015816.D

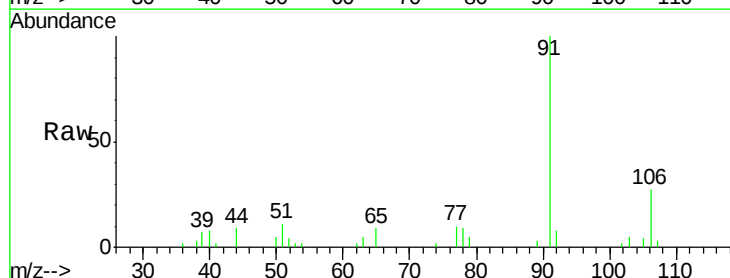
Acq: 30 Apr 2020 02:28

Tgt Ion: 91 Resp: 8455

Ion Ratio Lower Upper

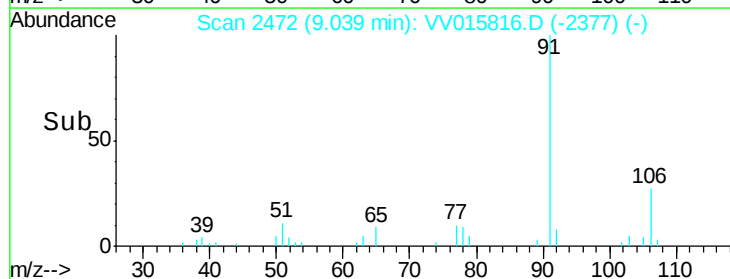
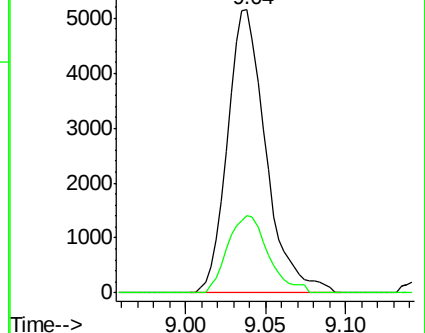
91 100

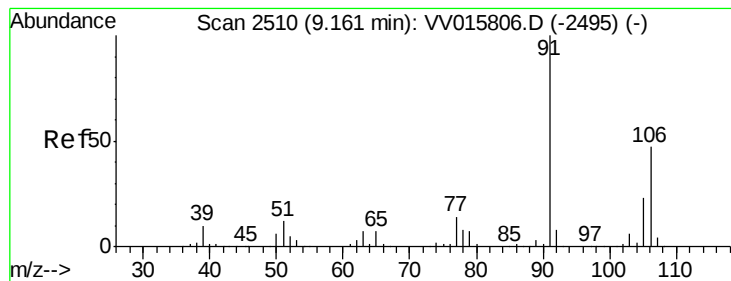
106 27.4 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.115 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015816.D

Acq: 30 Apr 2020 02:28

Instrument :

MSVOA_V

ClientSampleId :

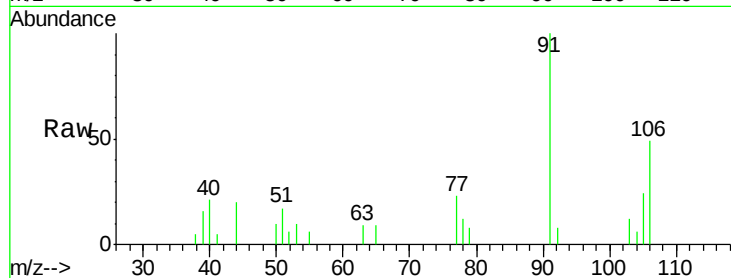
ETKR9

Tot Ion:106 Resp: 1799

Ion Ratio Lower Upper

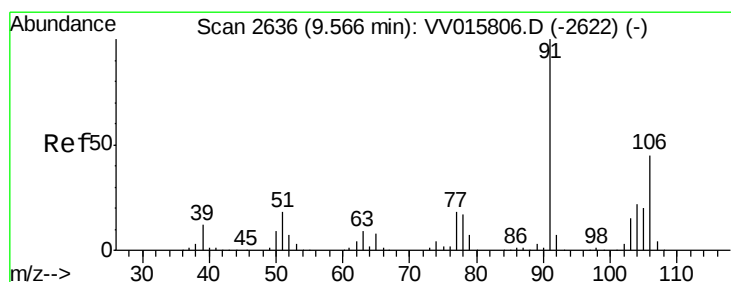
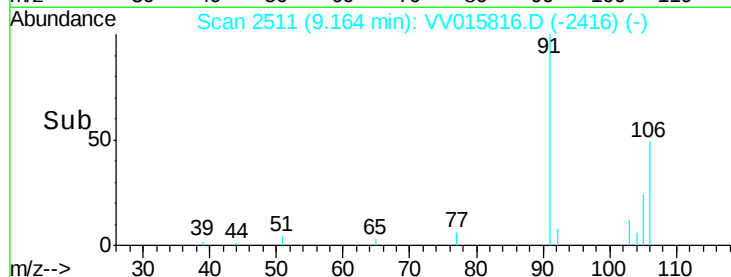
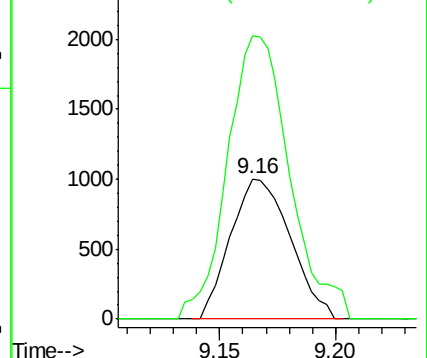
106 100

91 202.1 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.276 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV015816.D

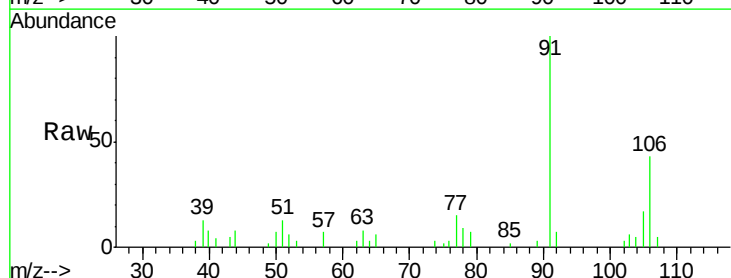
Acq: 30 Apr 2020 02:28

Tgt Ion:106 Resp: 4182

Ion Ratio Lower Upper

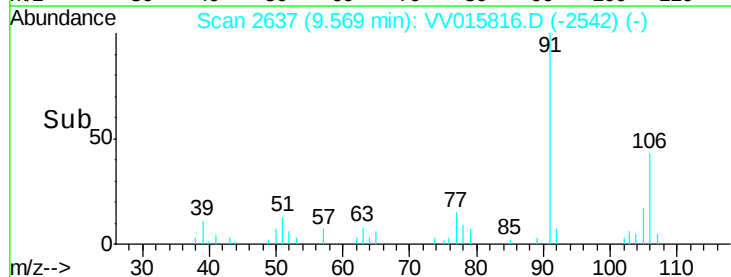
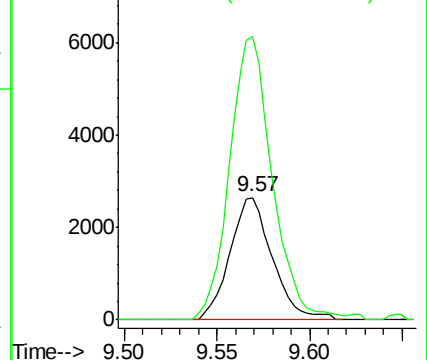
106 100

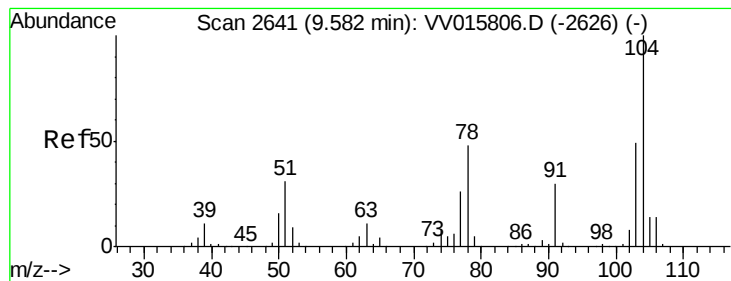
91 230.6 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

Concen: 0.064 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV015816.D

Acq: 30 Apr 2020 02:28

Instrument :

MSVOA_V

ClientSampled :

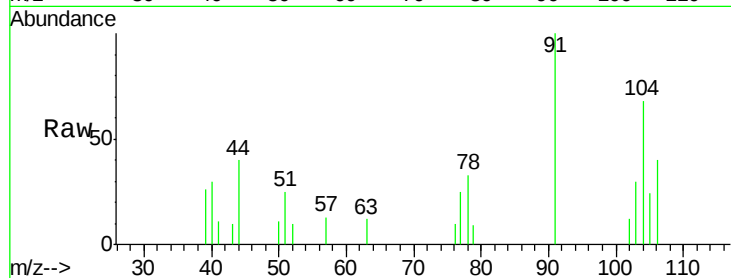
ETKR9

Tot Ion:104 Resp: 1643

Ion Ratio Lower Upper

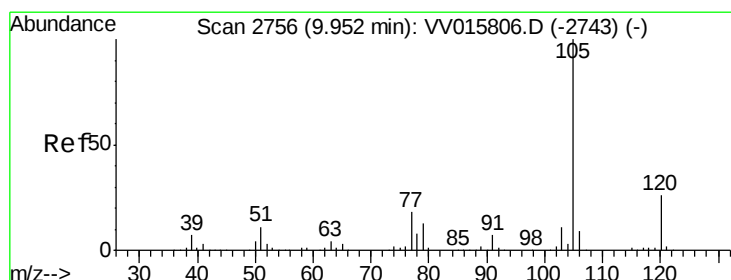
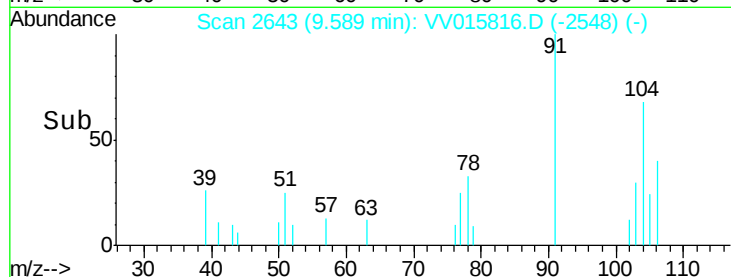
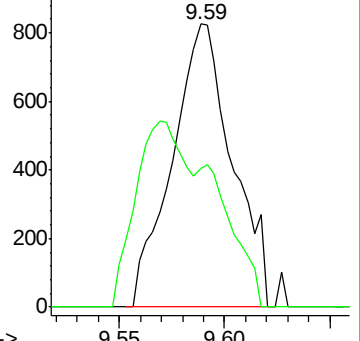
104 100

78 49.2 34.5 64.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#56

Isopropylbenzene

Concen: 0.053 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015816.D

Acq: 30 Apr 2020 02:28

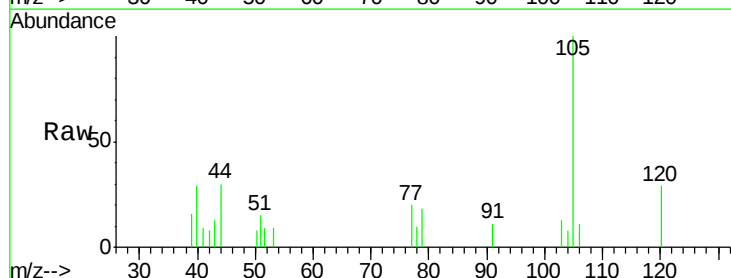
Tgt Ion:105 Resp: 2244

Ion Ratio Lower Upper

105 100

120 26.3 20.7 31.1

77 19.7 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

