

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013429.D
 Acq On : 30 Oct 2019 13:26
 Operator : SY/MD
 Sample : K5597-05DL2 100X
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD6DL2

Quant Time: Oct 31 04:01:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 31 02:41:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	381711	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397074	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	223215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136937	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	115341	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	171754	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	3.96	46	406491	49.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.44%
24) Chloroform-d	4.40	84	301319	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.08	65	158699	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	609210	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	192789	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.36	98	518191	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	64165	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	246423	48.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	134387	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	212489	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

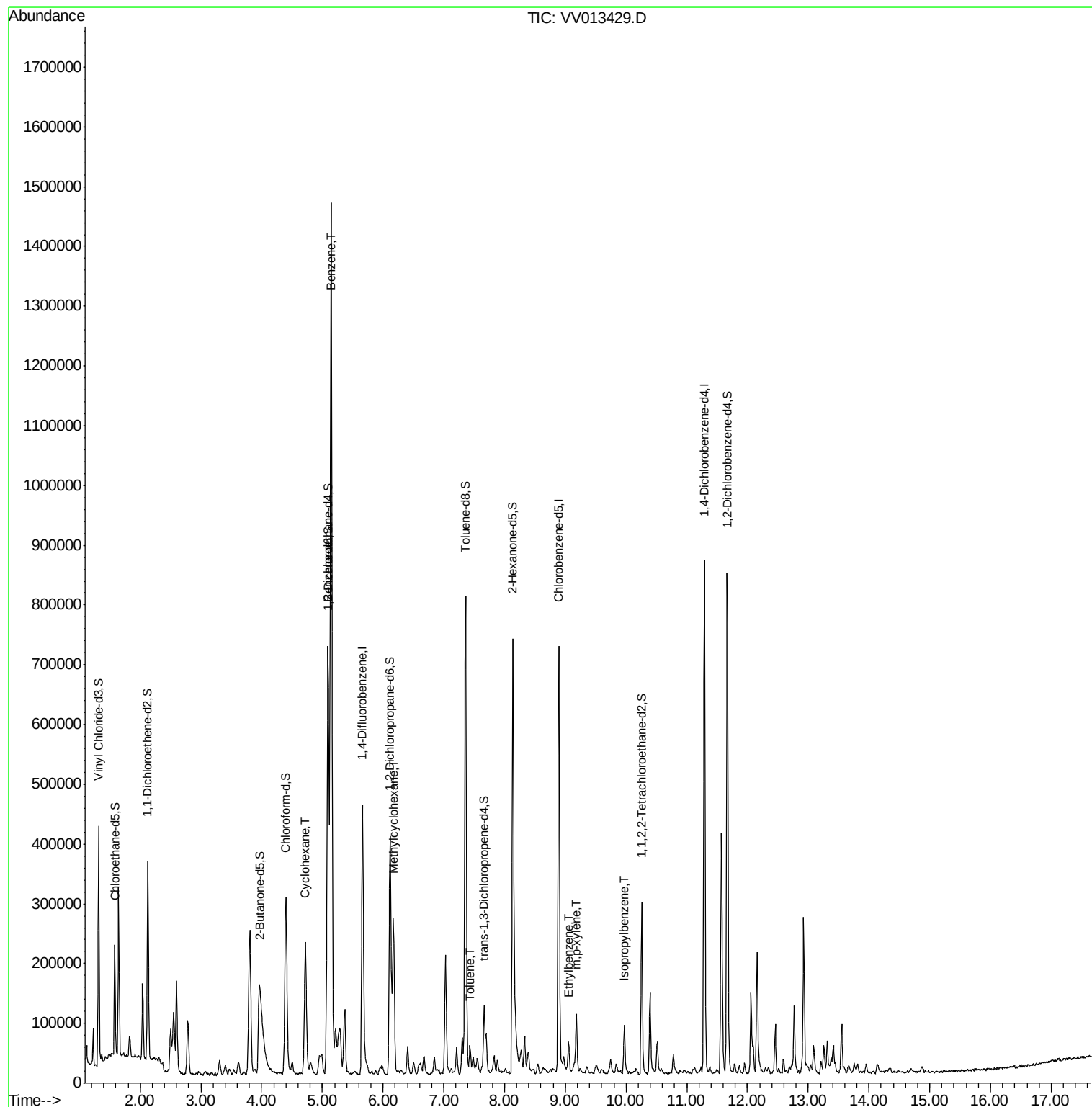
					Qvalue
30) Cyclohexane	4.72	56	111454	1.804	ug/L 99
33) Benzene	5.14	78	1428269	9.626	ug/L 100
35) Methylcyclohexane	6.17	83	98893	1.628	ug/L 91
42) Toluene	7.43	91	32722	0.211	ug/L 91
52) Ethylbenzene	9.05	91	36690	0.224	ug/L 100
53) m,p-xylene	9.18	106	25088	0.414	ug/L 93
56) Isopropylbenzene	9.97	105	47290	0.300	ug/L 97

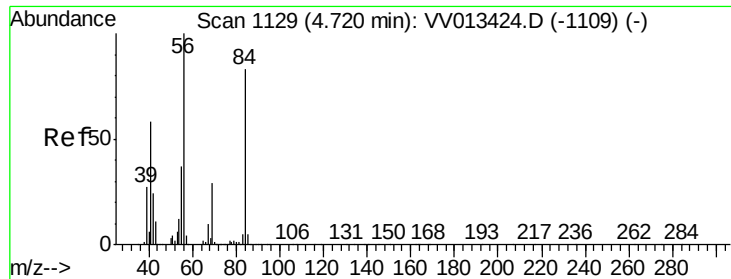
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

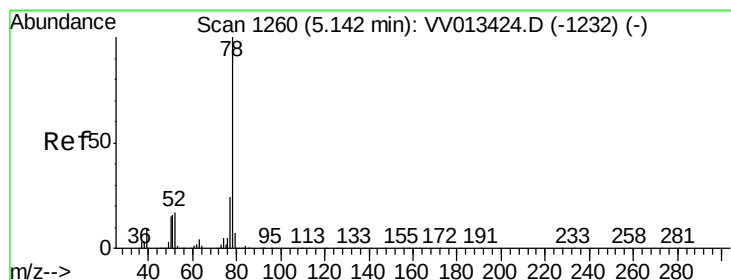
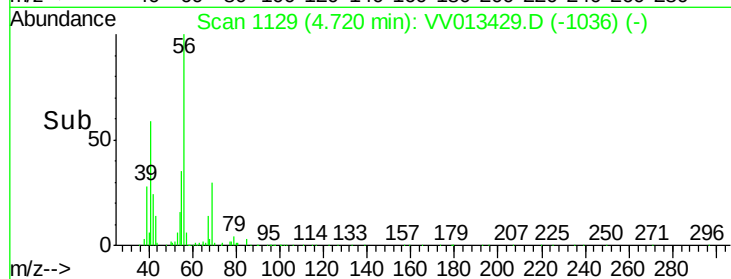
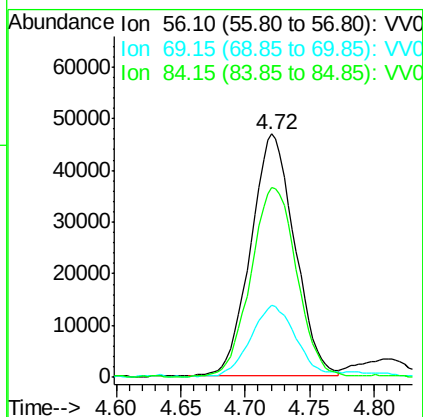
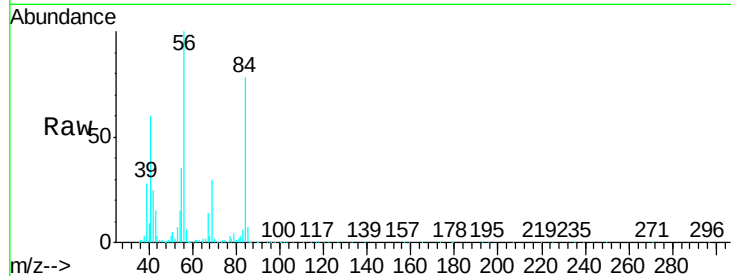




#30
Cyclohexane
Concen: 1.804 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

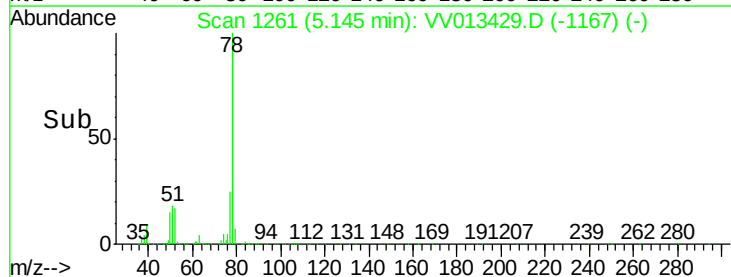
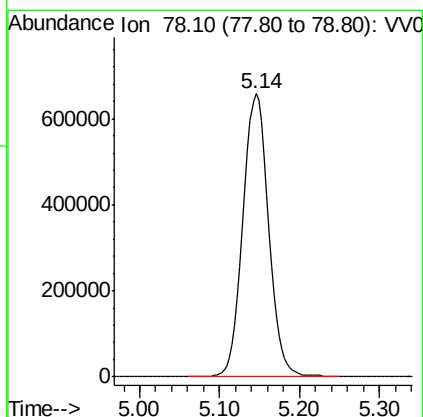
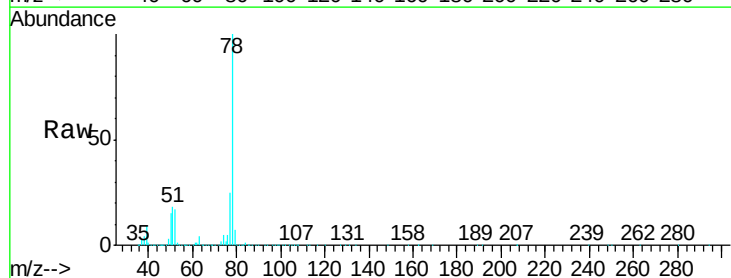
Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL2

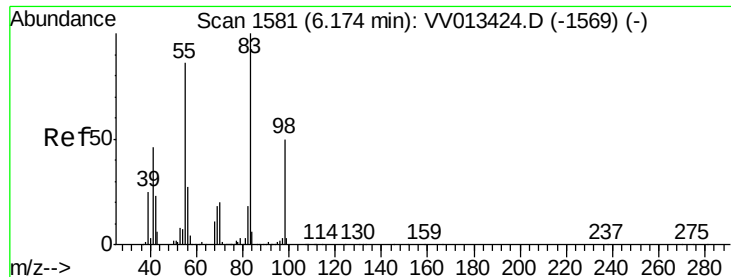
Tgt Ion: 56 Resp: 111454
Ion Ratio Lower Upper
56 100
69 30.1 22.7 34.1
84 81.4 65.5 98.3



#33
Benzene
Concen: 9.626 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

Tgt Ion: 78 Resp: 1428269

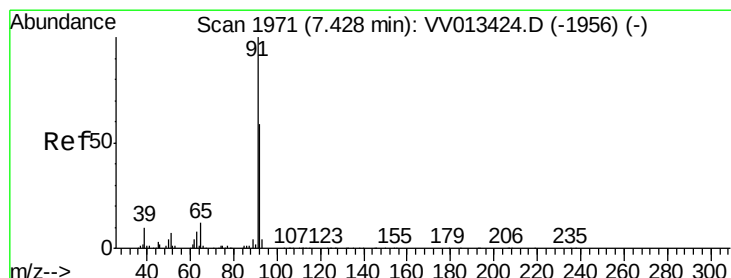
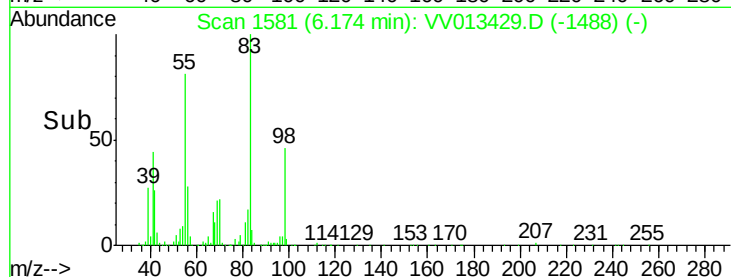
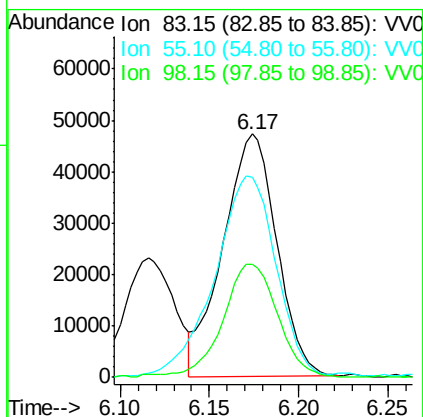
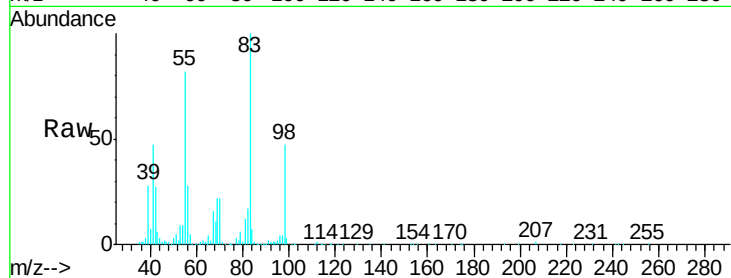




#35
Methylcyclohexane
Concen: 1.628 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

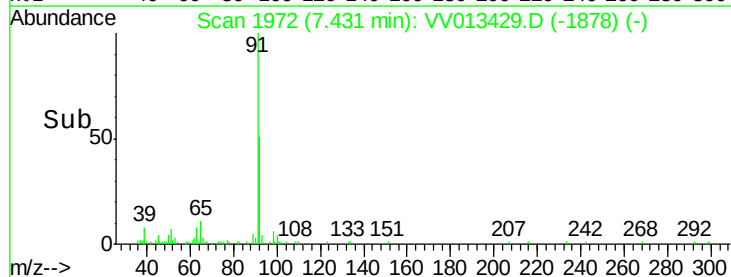
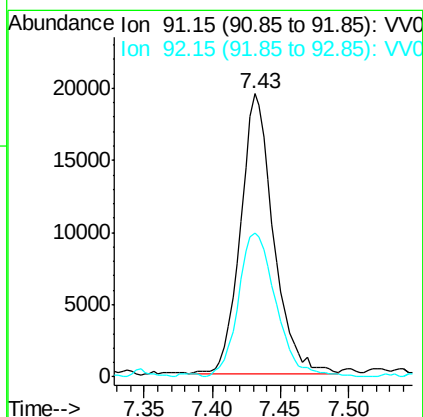
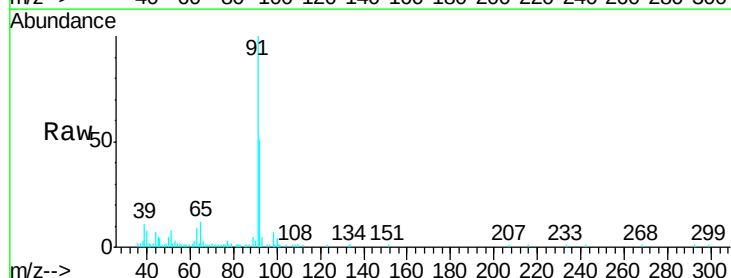
Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL2

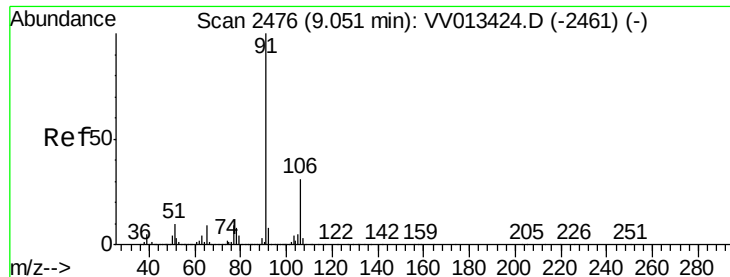
Tgt Ion: 83 Resp: 98893
Ion Ratio Lower Upper
83 100
55 95.7 66.0 99.0
98 48.0 38.2 57.4



#42
Toluene
Concen: 0.211 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

Tgt Ion: 91 Resp: 32722
Ion Ratio Lower Upper
91 100
92 50.8 40.3 74.8





#52

Ethylbenzene

Concen: 0.224 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Instrument :

MSVOA_V

ClientSampleId :

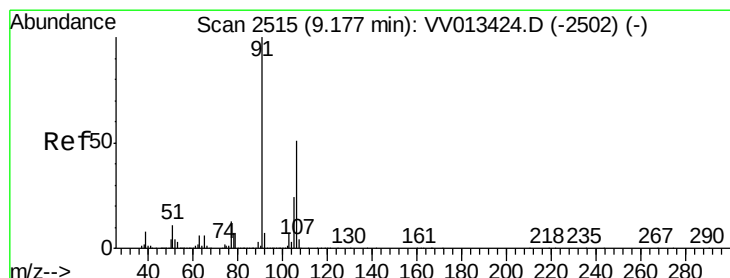
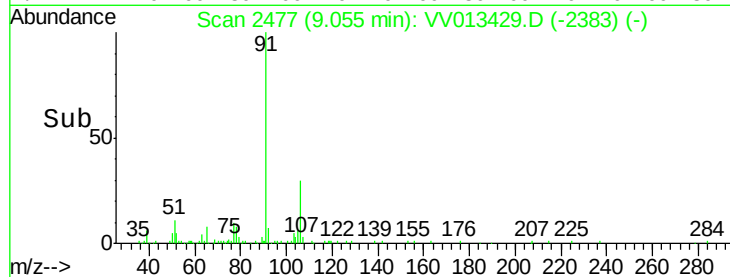
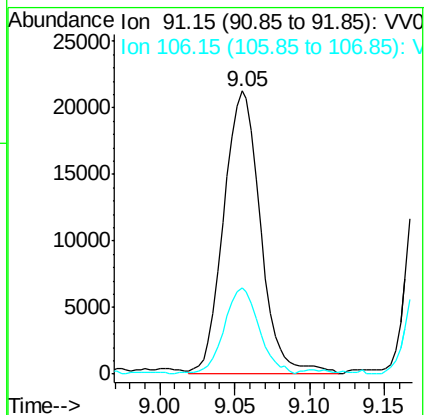
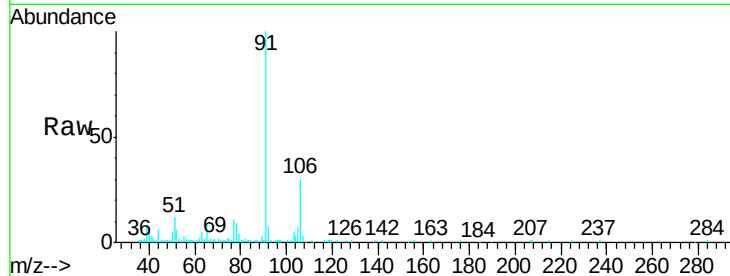
GAQD6DL2

Tgt Ion: 91 Resp: 36690

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9



#53

m,p-xylene

Concen: 0.414 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

Lab File: VV013429.D

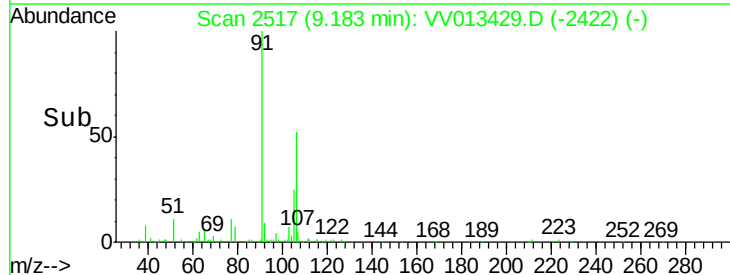
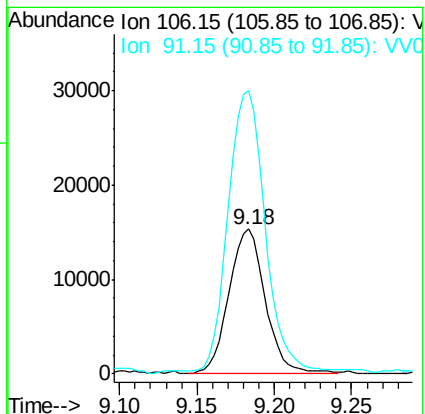
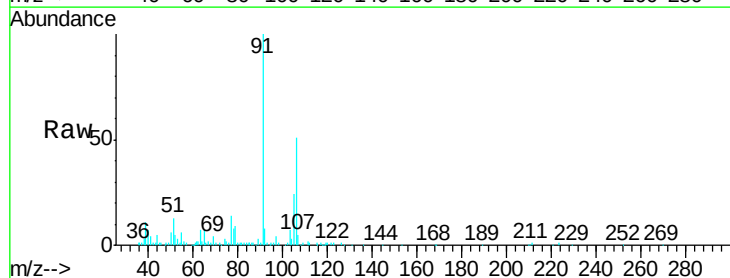
Acq: 30 Oct 2019 13:26

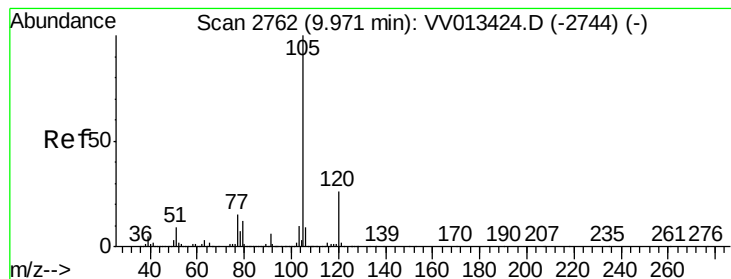
Tgt Ion: 106 Resp: 25088

Ion Ratio Lower Upper

106 100

91 195.2 144.3 267.9





#56
Isopropylbenzene
Concen: 0.300 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL2

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.0	31.6
77	18.3	12.9	19.3

