

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013690.D
 Acq On : 20 Nov 2019 15:58
 Operator : SY/MD
 Sample : K5911-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQL0

Quant Time: Nov 21 01:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	331079	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95514	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	97482	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	133006	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.92	46	343505	72.63	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.26%#
24) Chloroform-d	4.40	84	237624	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	126628	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.10	84	456371	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.11	67	148904	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	7.36	98	383061	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	51663	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.13	63	237674	62.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113676	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	159033	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

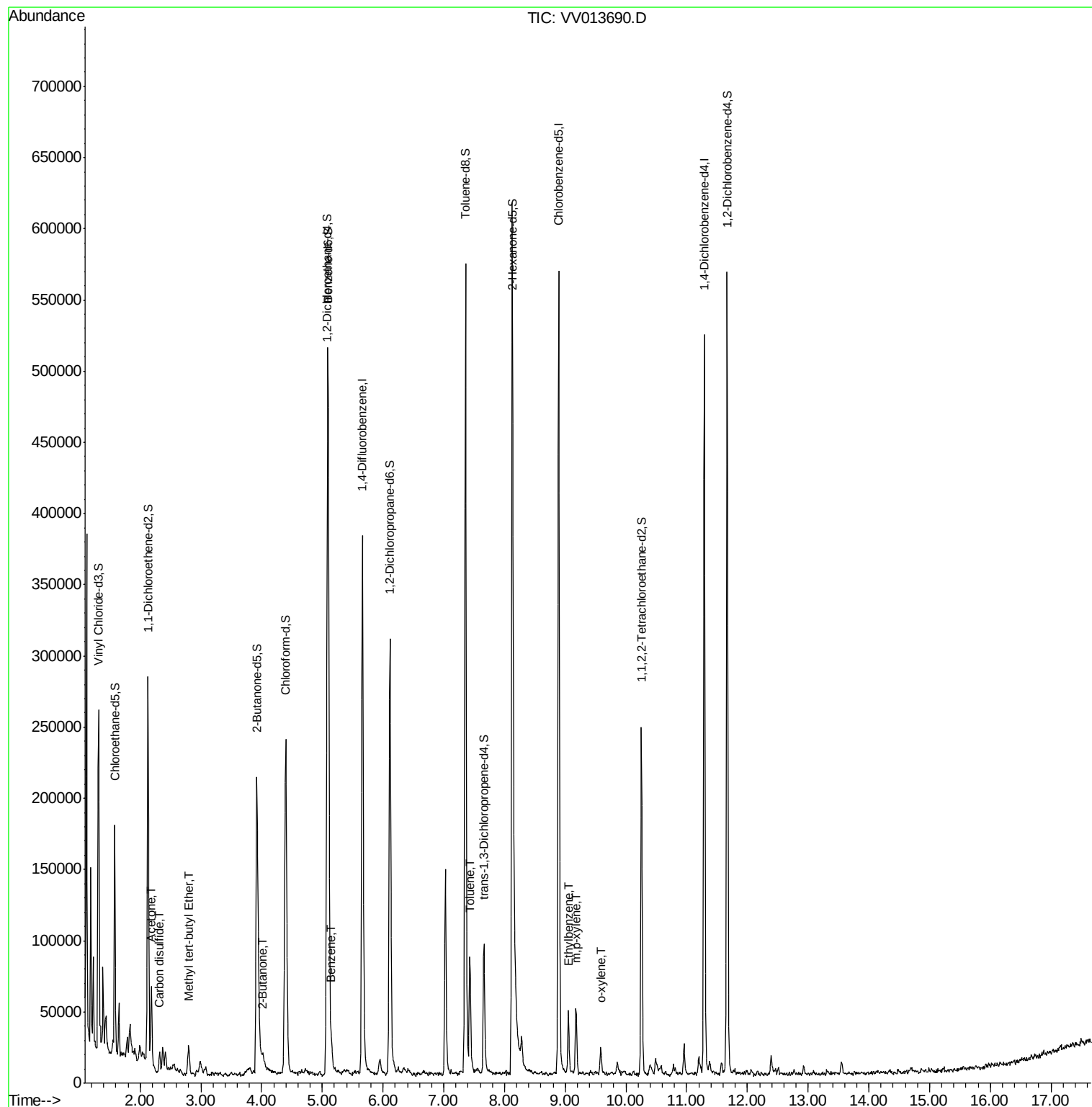
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	51880	17.386	ug/L #	36
14) Carbon disulfide	2.32	76	13977	0.205	ug/L #	94
17) Methyl tert-butyl Ether	2.80	73	13879	0.275	ug/L #	70
21) 2-Butanone	4.03	43	12724	2.543	ug/L	94
33) Benzene	5.15	78	17708	0.185	ug/L	100
42) Toluene	7.43	91	58230	0.570	ug/L	100
52) Ethylbenzene	9.05	91	28179	0.259	ug/L	98
53) m,p-xylene	9.18	106	13482	0.328	ug/L	93
54) o-xylene	9.59	106	5336	0.135	ug/L	99

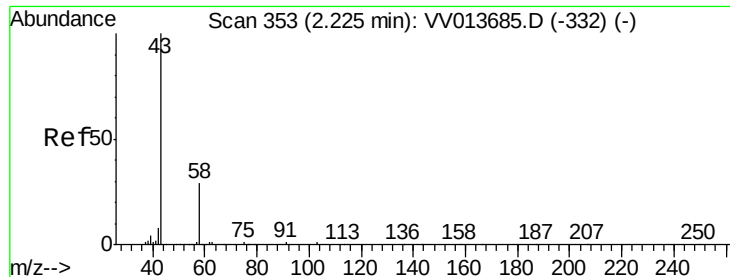
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112019\
Data File : VV013690.D
Acq On : 20 Nov 2019 15:58
Operator : SY/MD
Sample : K5911-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQL0

Quant Time: Nov 21 01:30:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.386 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV013690.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_V

ClientSampleId :

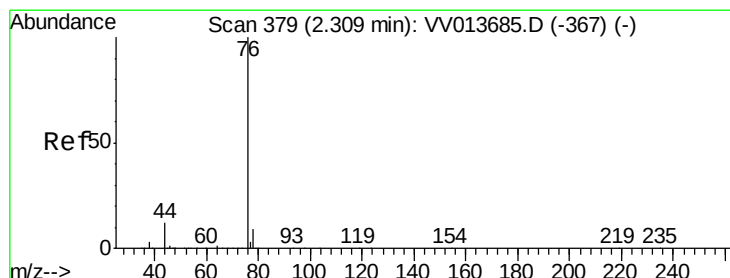
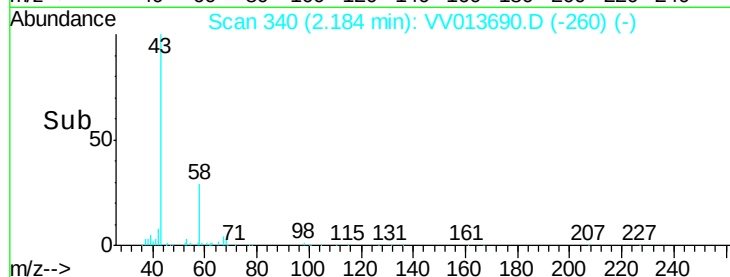
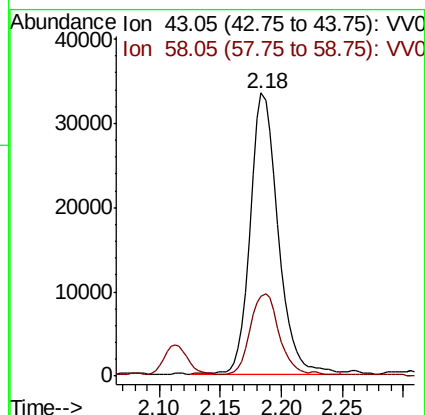
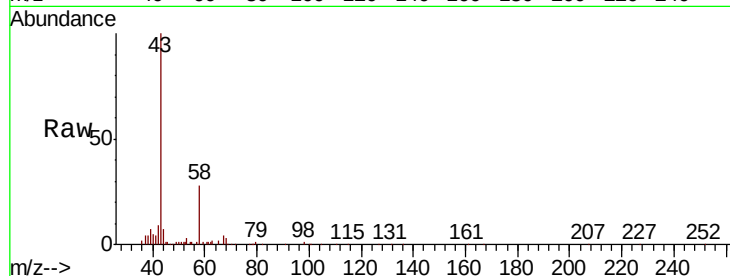
GAQL0

Tot Ion: 43 Resp: 51880

Ion Ratio Lower Upper

43 100

58 31.3 0.0 17.0#



#14

Carbon disulfide

Concen: 0.205 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013690.D

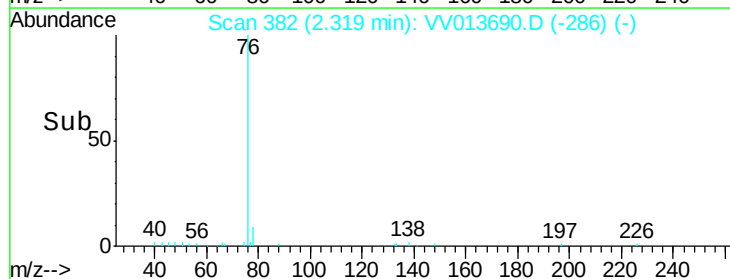
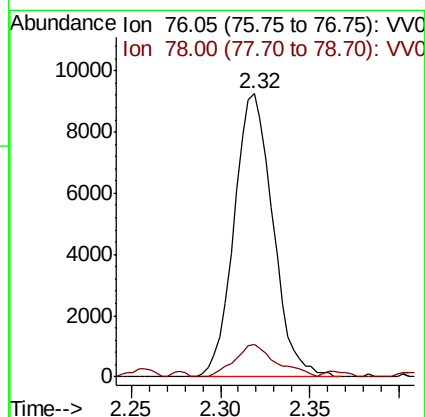
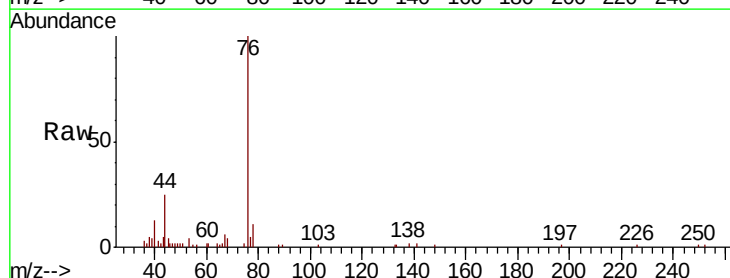
Acq: 20 Nov 2019 15:58

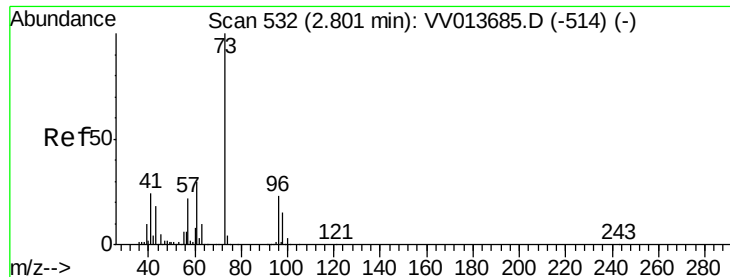
Tgt Ion: 76 Resp: 13977

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.2#

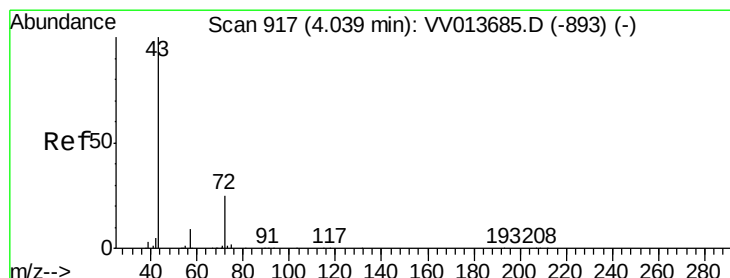
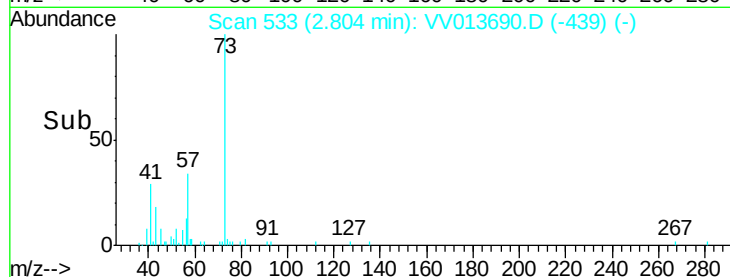
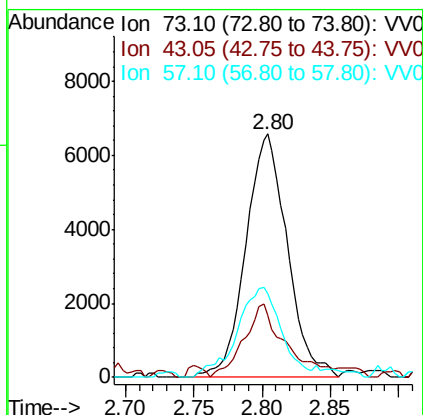
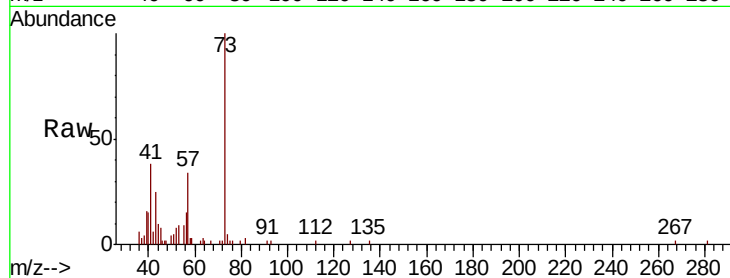




#17
Methyl tert-butyl Ether
Concen: 0.275 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV013690.D
Acq: 20 Nov 2019 15:58

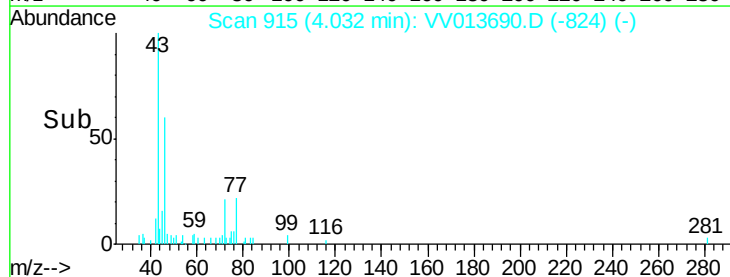
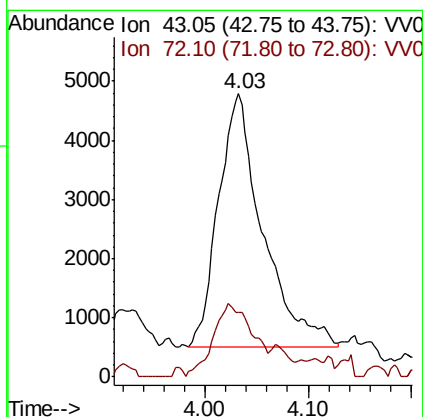
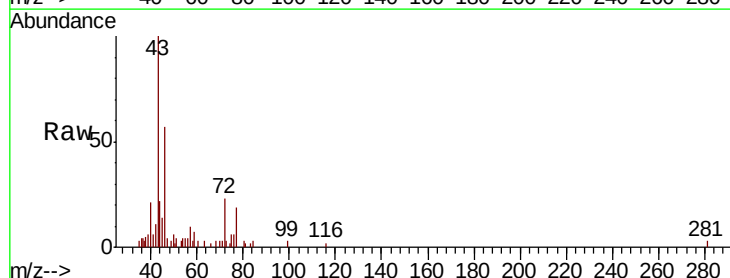
Instrument :
MSVOA_V
ClientSampleId :
GAQL0

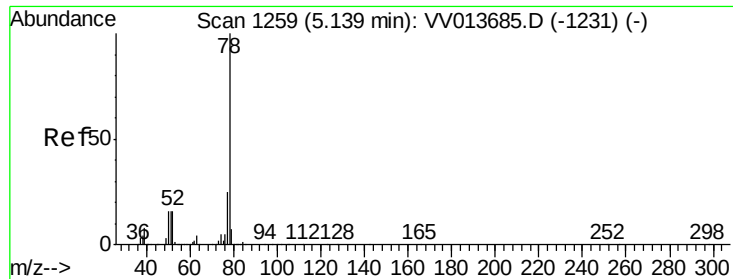
Tot Ion: 73 Resp: 13879
Ion Ratio Lower Upper
73 100
43 30.1 15.4 23.0#
57 39.2 18.1 27.1#



#21
2-Butanone
Concen: 2.543 ug/L
RT: 4.03 min Scan# 915
Delta R.T. -0.01 min
Lab File: VV013690.D
Acq: 20 Nov 2019 15:58

Tgt Ion: 43 Resp: 12724
Ion Ratio Lower Upper
43 100
72 26.1 11.6 34.8





#33

Benzene

Concen: 0.185 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013690.D

Acq: 20 Nov 2019 15:58

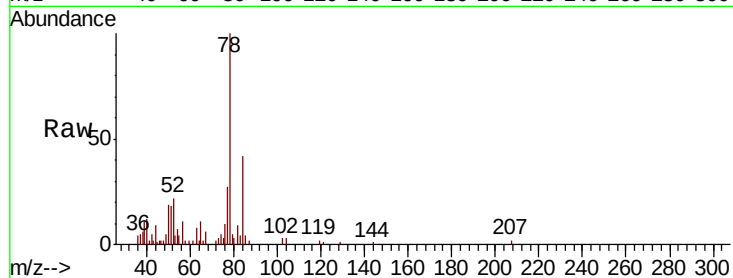
Instrument :

MSVOA_V

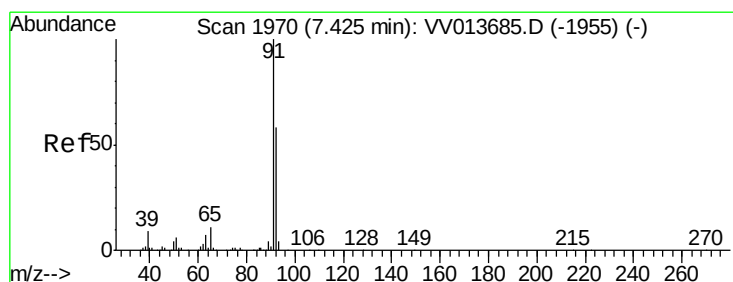
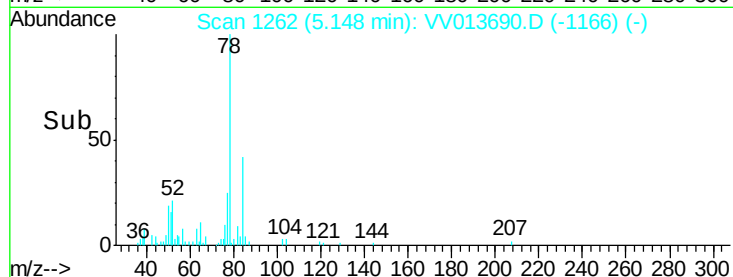
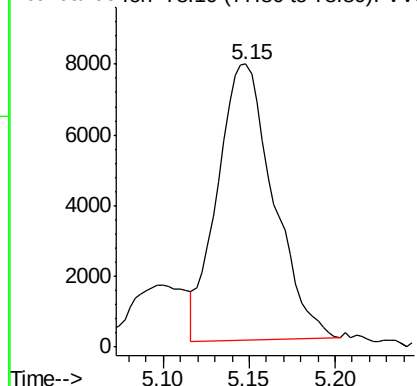
ClientSampleId :

GAQL0

Tgt Ion: 78 Resp: 17708



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.570 ug/L

RT: 7.43 min Scan# 1972

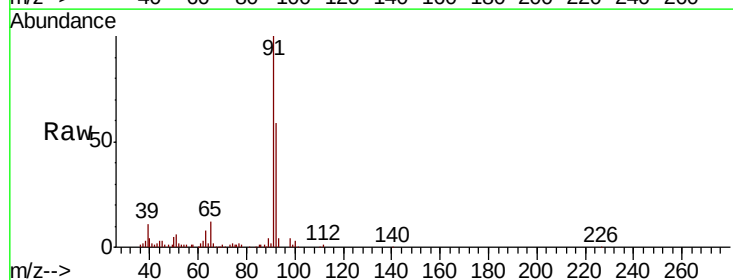
Delta R.T. 0.01 min

Lab File: VV013690.D

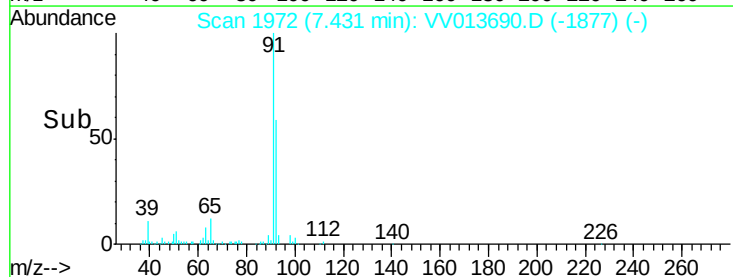
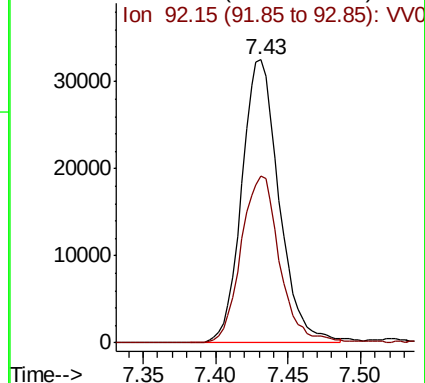
Acq: 20 Nov 2019 15:58

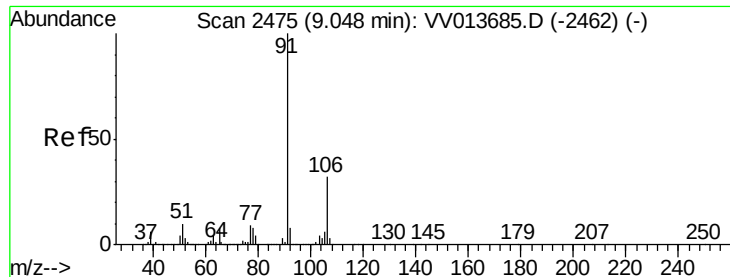
Tgt Ion: 91 Resp: 58230

Ion	Ratio	Lower	Upper
91	100		
92	59.0	41.2	76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0





#52

Ethylbenzene

Concen: 0.259 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013690.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_V

ClientSampled :

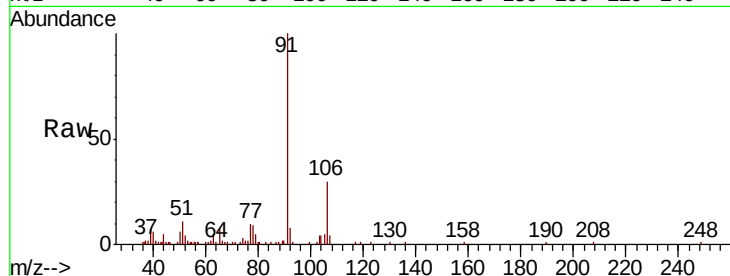
GAQLO

Tot Ion: 91 Resp: 28179

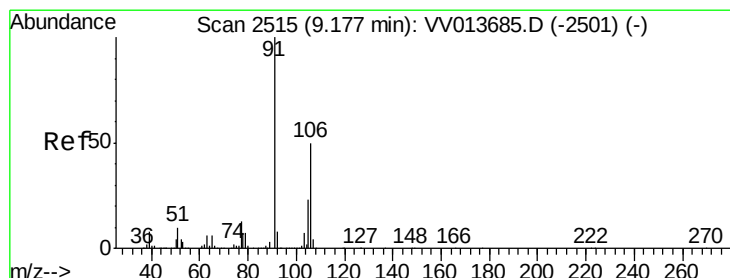
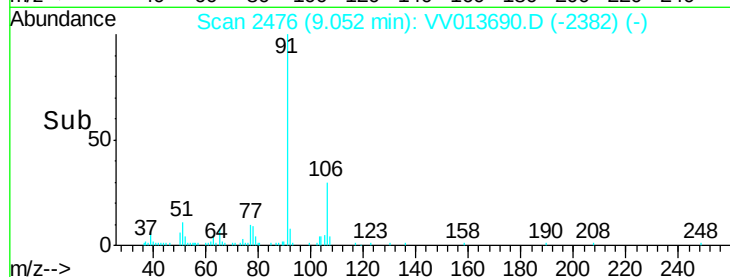
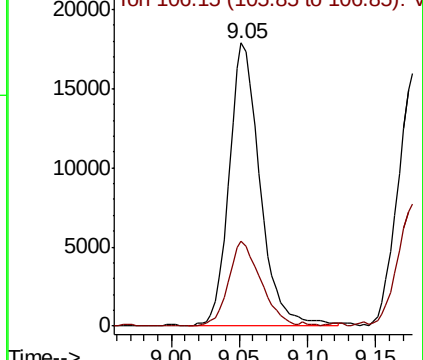
Ion Ratio Lower Upper

91 100

106 30.1 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV013685.D (-2462) (-)



#53

m,p-xylene

Concen: 0.328 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013690.D

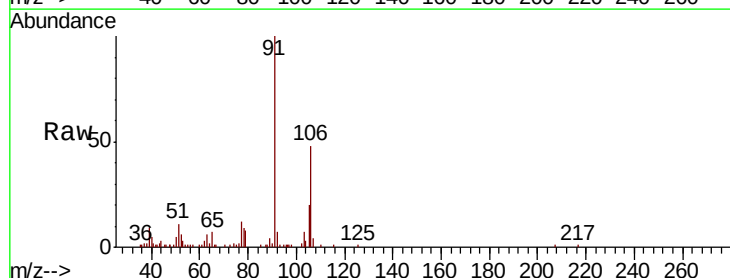
Acq: 20 Nov 2019 15:58

Tgt Ion: 106 Resp: 13482

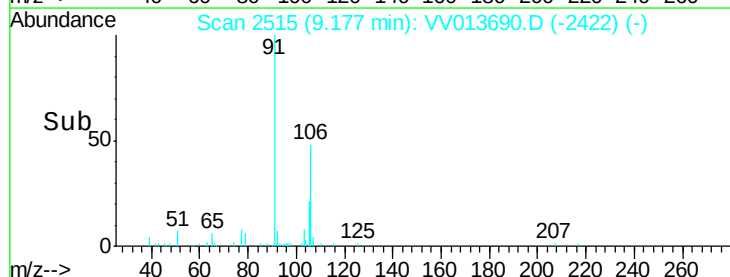
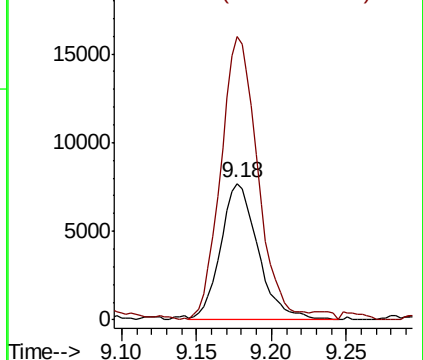
Ion Ratio Lower Upper

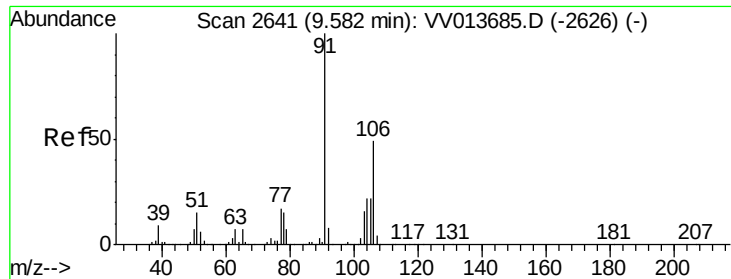
106 100

91 207.5 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VV013685.D (-2501) (-)





#54
 o-xylene
 Concen: 0.135 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. 0.01 min
 Lab File: VV013690.D
 Acq: 20 Nov 2019 15:58

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQL0

Tot Ion:106 Resp: 5336
 Ion Ratio Lower Upper
 106 100
 91 211.1 146.9 272.7

