

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014203.D
 Acq On : 27 Dec 2019 20:19
 Operator : SY/MD
 Sample : K6432-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6X6

Quant Time: Dec 28 02:37:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	857501	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	782874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	361641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215030	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.59	69	180379	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	256837	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.92	46	562141	56.35	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.70%
24) Chloroform-d	4.40	84	447490	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	223765	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	933294	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	294996	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	849879	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.66	79	116212	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.13	63	490127	44.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	210580	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	278937	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

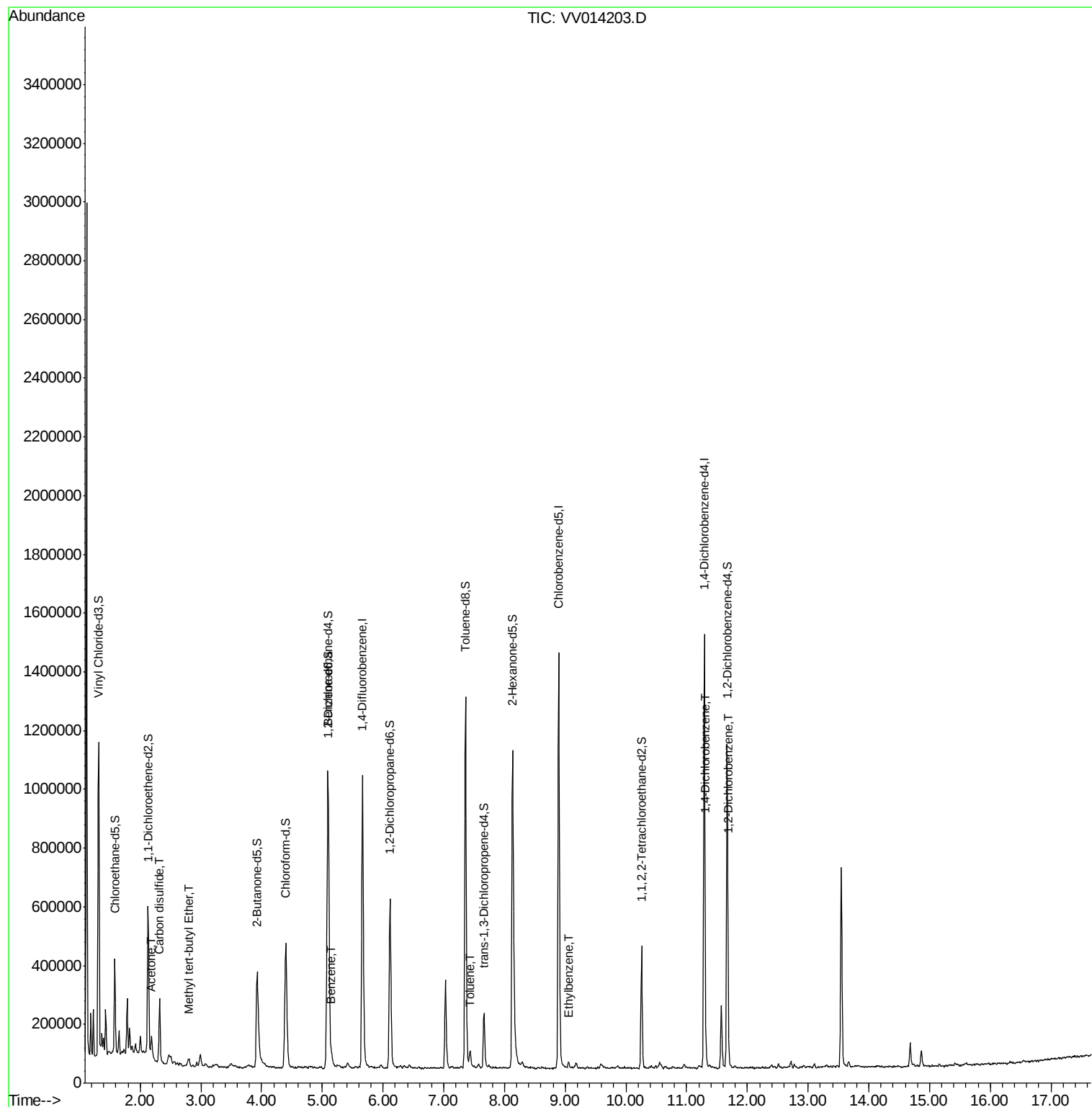
					Ovalue
13) Acetone	2.19	43	43220	7.024	ug/L 99
14) Carbon disulfide	2.32	76	249941	1.508	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	16198	0.115	ug/L # 28
33) Benzene	5.15	78	40338	0.167	ug/L 100
42) Toluene	7.43	91	39147	0.147	ug/L 88
52) Ethylbenzene	9.05	91	18089	0.061	ug/L 95
63) 1,4-Dichlorobenzene	11.31	146	15802	0.132	ug/L 97
65) 1,2-Dichlorobenzene	11.69	146	19095	0.174	ug/L 97

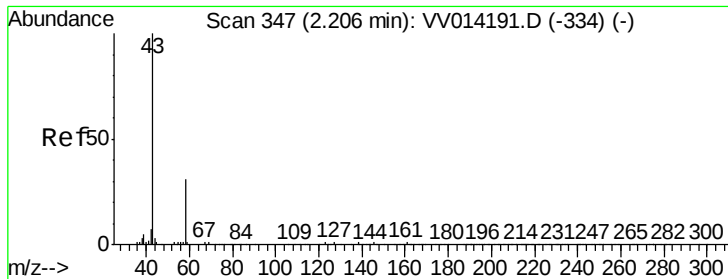
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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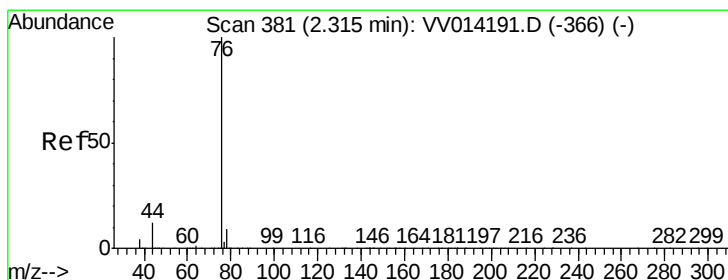
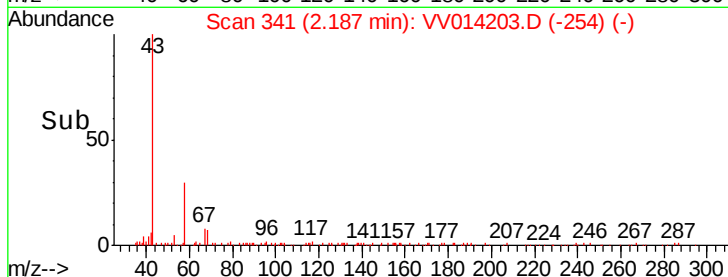
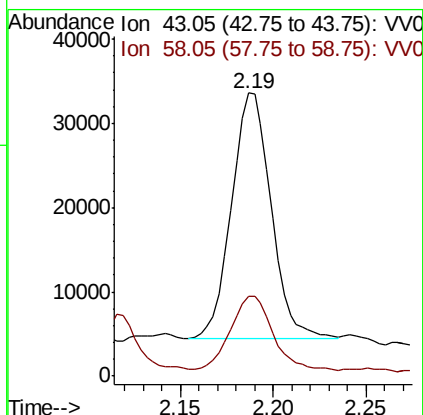
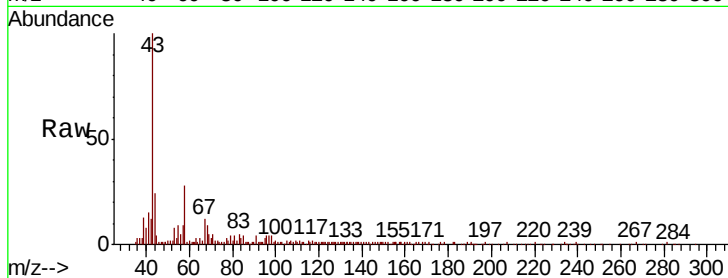




#13
Acetone
Concen: 7.024 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

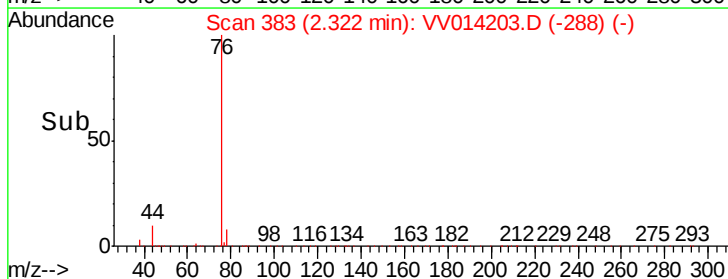
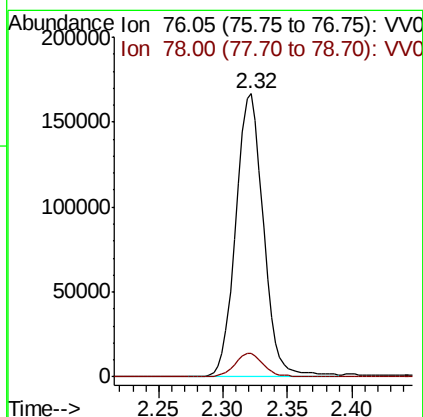
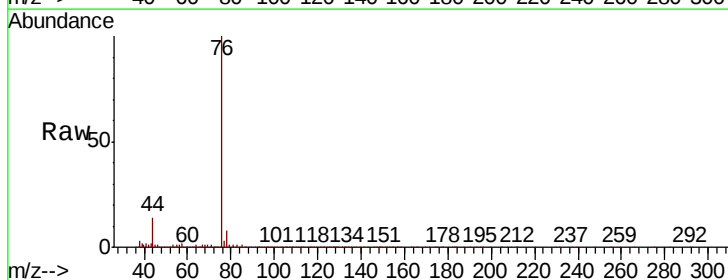
Instrument :
MSVOA_V
ClientSampleId :
BF6X6

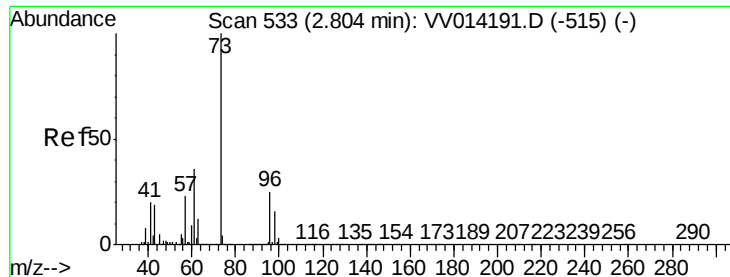
Tot Ion: 43 Resp: 43220
Ion Ratio Lower Upper
43 100
58 32.4 0.0 66.0



#14
Carbon disulfide
Concen: 1.508 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 76 Resp: 249941
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

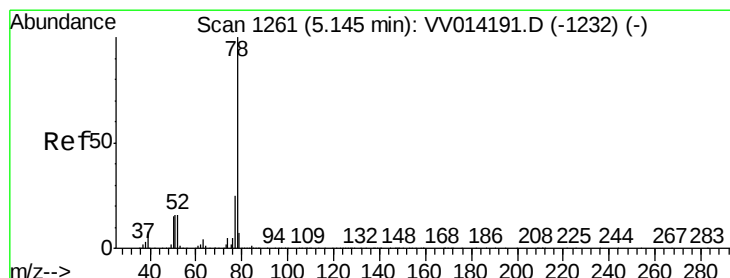
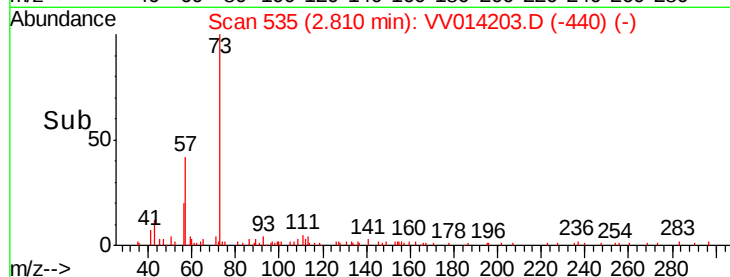
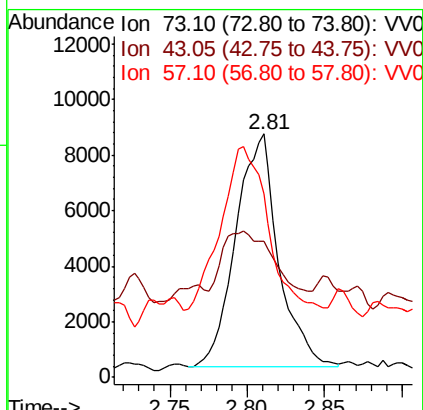
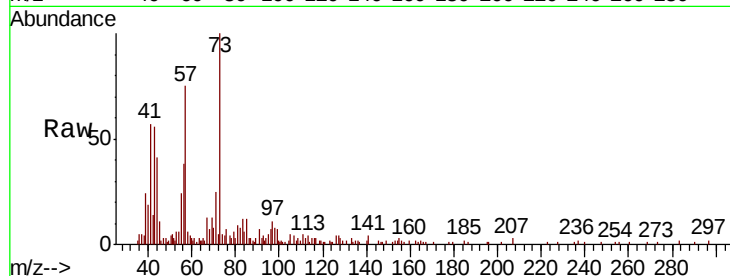




#17
Methvl tert-butvl Ether
Concen: 0.115 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

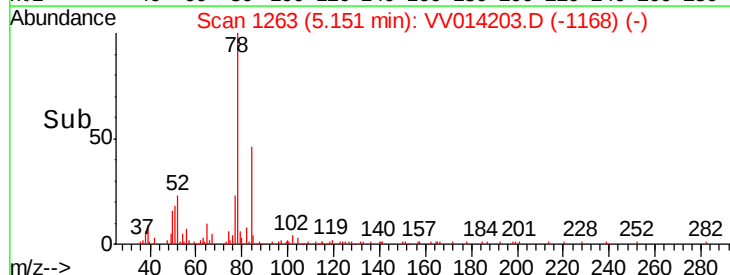
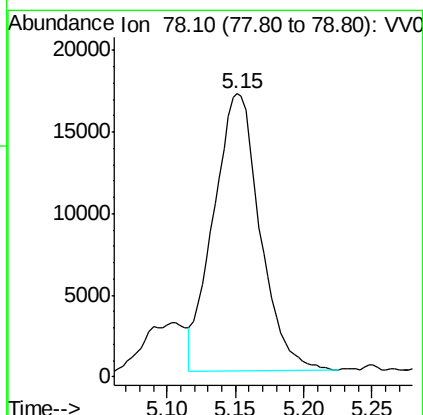
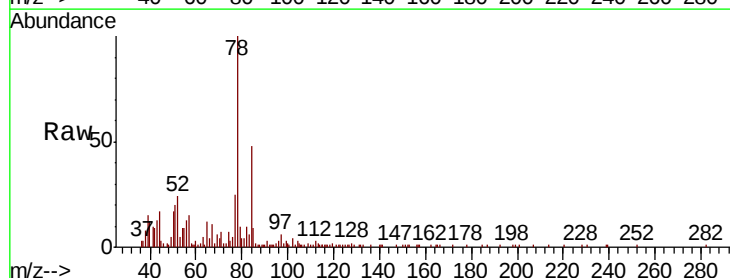
Instrument :
MSVOA_V
ClientSampleId :
BF6X6

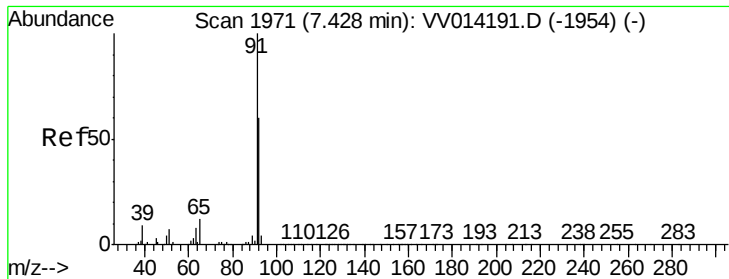
Tot Ion: 73 Resp: 16198
Ion Ratio Lower Upper
73 100
43 28.3 14.7 22.1#
57 76.4 17.9 26.9#



#33
Benzene
Concen: 0.167 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 78 Resp: 40338





#42

Toluene

Concen: 0.147 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV014203.D

Acq: 27 Dec 2019 20:19

Instrument :

MSVOA_V

ClientSampleId :

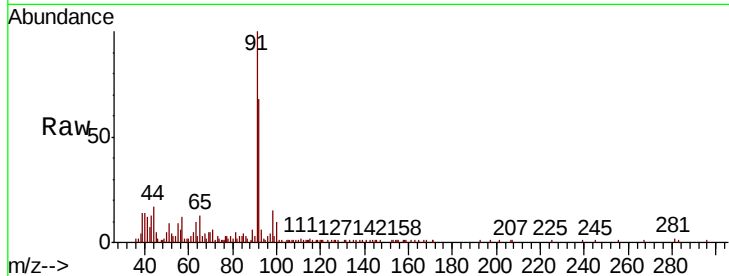
BF6X6

Tot Ion: 91 Resp: 39147

Ion Ratio Lower Upper

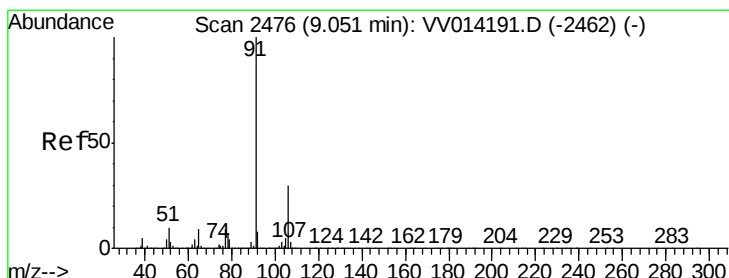
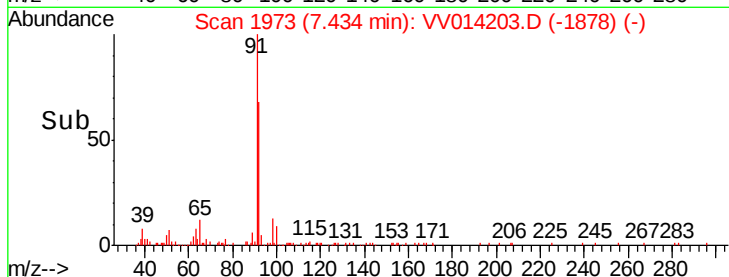
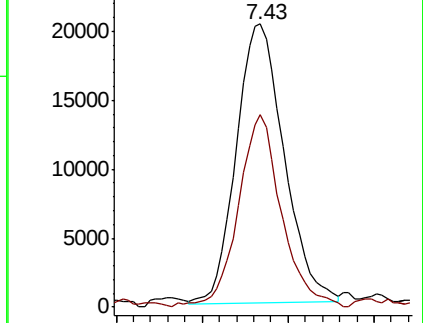
91 100

92 68.0 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#52

Ethylbenzene

Concen: 0.061 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV014203.D

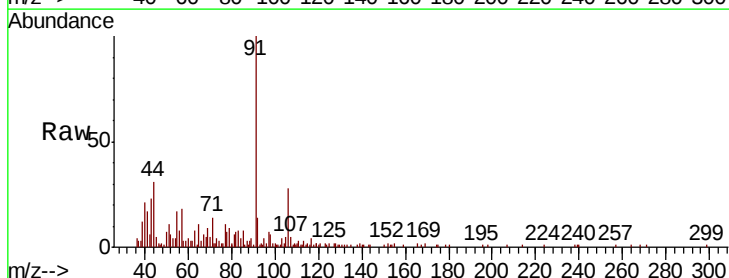
Acq: 27 Dec 2019 20:19

Tgt Ion: 91 Resp: 18089

Ion Ratio Lower Upper

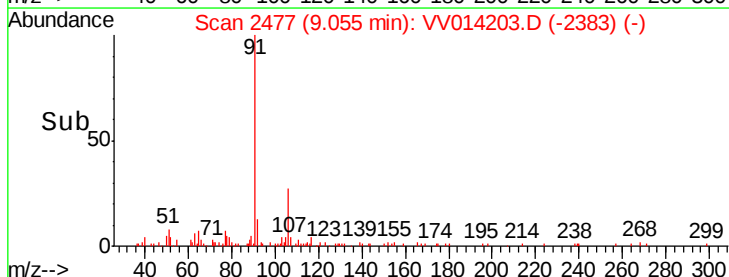
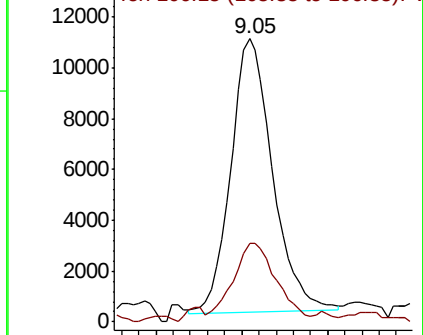
91 100

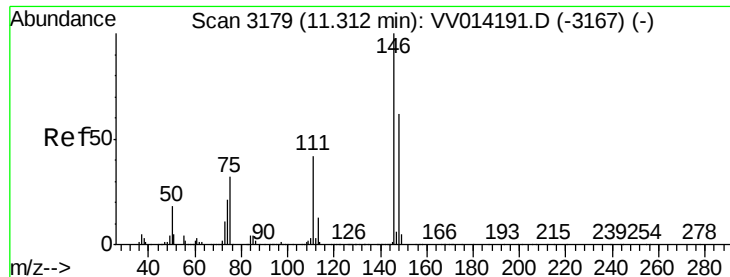
106 27.8 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

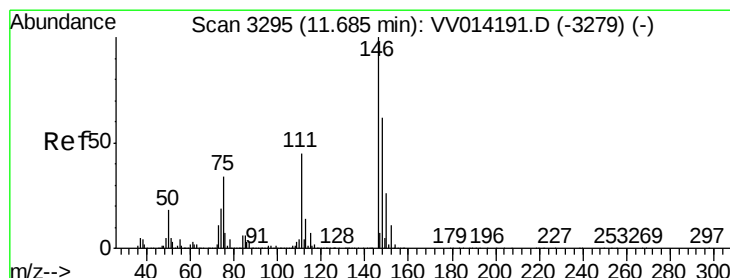
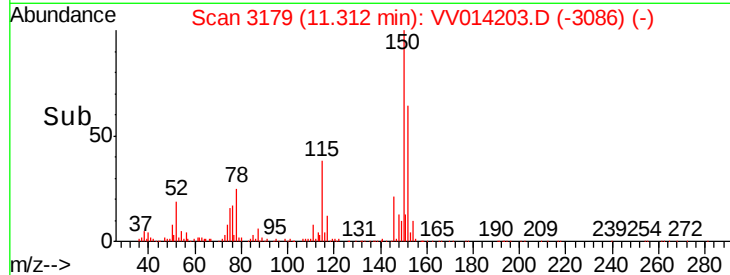
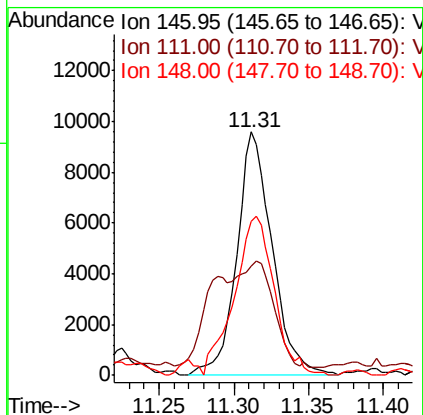
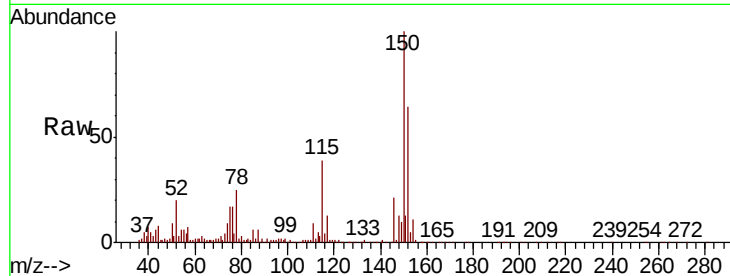




#63
1,4-Dichlorobenzene
Concen: 0.132 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument :
MSVOA_V
ClientSampleId :
BF6X6

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	28.8	53.4
148	63.3	44.5	82.7



#65
1,2-Dichlorobenzene
Concen: 0.174 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.5	36.4	54.6
148	65.8	51.3	76.9

