

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014196.D
 Acq On : 27 Dec 2019 17:31
 Operator : SY/MD
 Sample : K6432-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6W9

Quant Time: Dec 28 01:08:55 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	787561	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	691647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	299576	5.00	ug/L	0.00

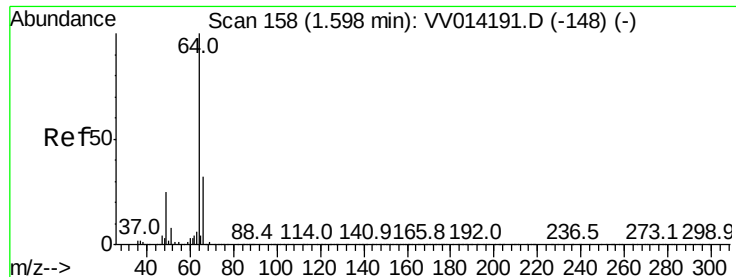
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210512	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.58	69	174455	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.13	63	260004	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.94	46	576007	62.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.74%
24) Chloroform-d	4.40	84	476067	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	233288	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	983149	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.11	67	305548	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	892814	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.66	79	120726	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.13	63	502543	51.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	210616	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	276901	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.87	64	46492	1.698	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3155	0.089	ug/L #	37
12) 1,1-Dichloroethene	2.13	96	2861	0.082	ug/L #	1
13) Acetone	2.21	43	40582	7.181	ug/L	95
14) Carbon disulfide	2.32	76	368947	2.423	ug/L	98
35) Methylcyclohexane	6.11	83	78486	0.822	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	33891	0.652	ug/L #	89
42) Toluene	7.43	91	1045219	4.448	ug/L	99
48) 2-Hexanone	8.18	43	10025	0.448	ug/L #	79
53) m,p-xylene	9.18	106	15450	0.158	ug/L	88
69) Naphthalene	13.55	128	24096	0.209	ug/L	99

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



#8

Chloroethane

Concen: 1.698 ug/L

RT: 1.87 min Scan# 243

Delta R.T. 0.27 min

Lab File: VV014196.D

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Instrument :

MSVOA_V

ClientSampled :

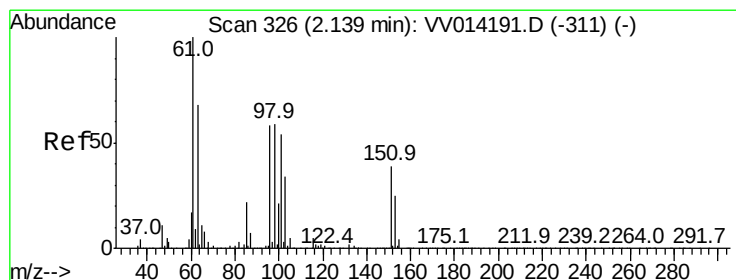
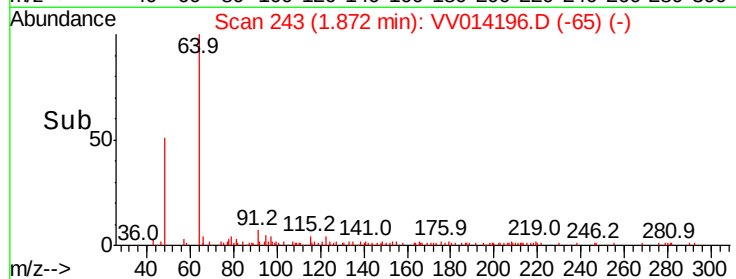
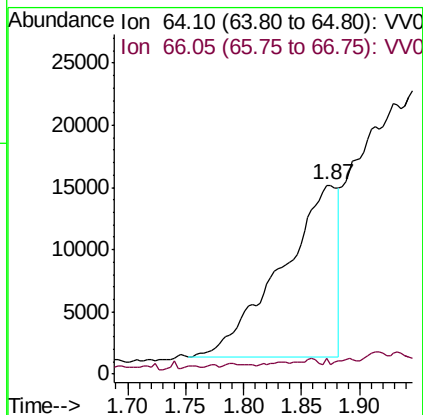
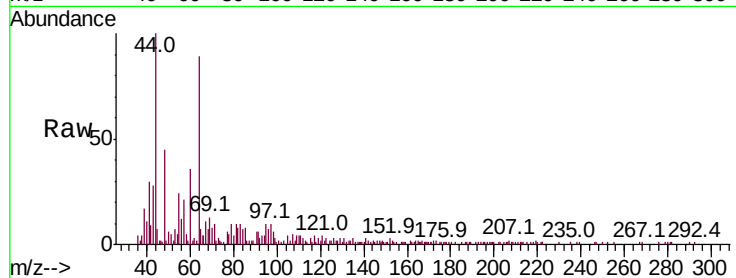
BF6W9

Tot Ion: 64 Resp: 46492

Ion Ratio Lower Upper

64 100

66 8.4 21.8 40.6#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.089 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014196.D

Acq: 27 Dec 2019 17:31

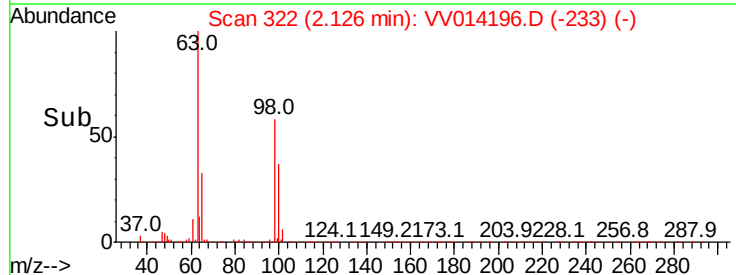
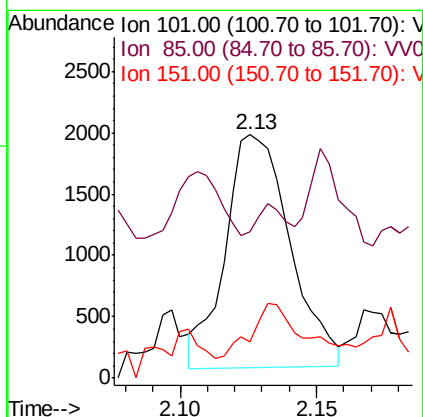
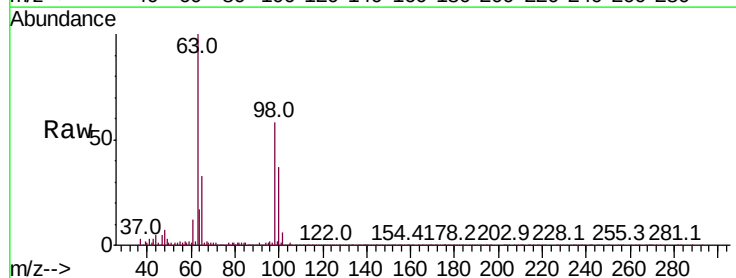
Tgt Ion: 101 Resp: 3155

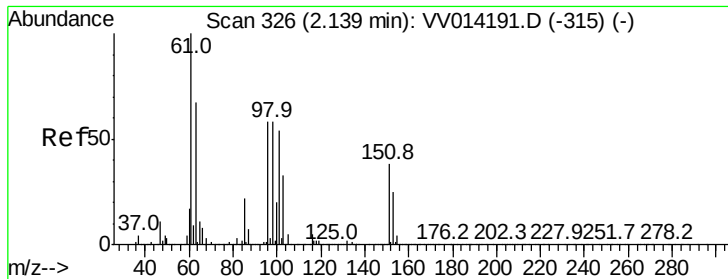
Ion Ratio Lower Upper

101 100

85 9.4 34.9 52.3#

151 18.9 62.5 93.7#





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014196.D

Acq: 27 Dec 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

BF6W9

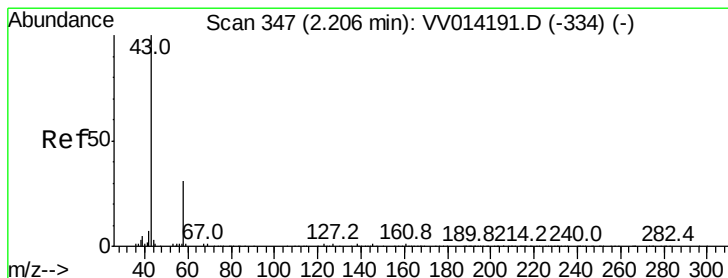
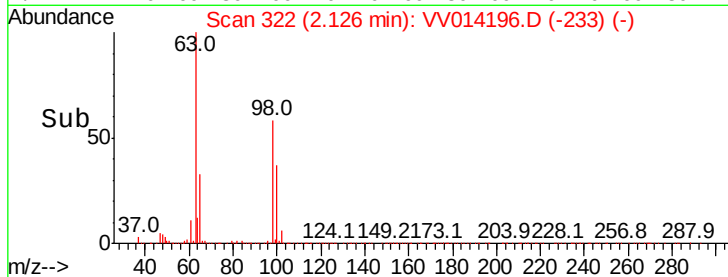
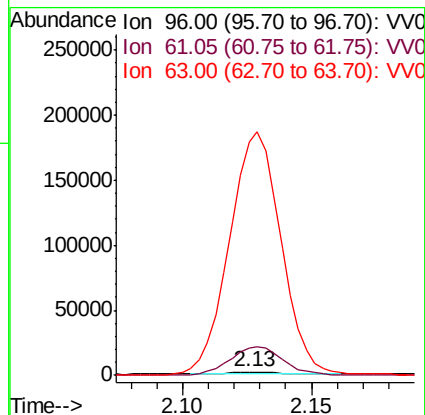
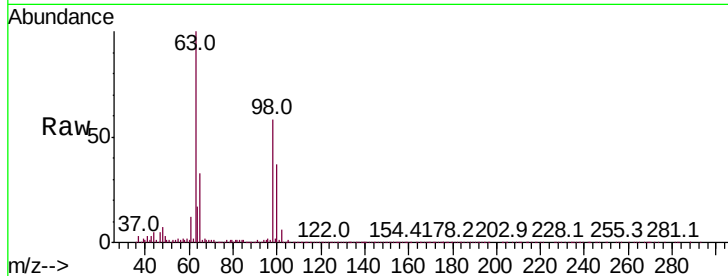
Tot Ion: 96 Resp: 2861

Ion Ratio Lower Upper

96 100

61 769.5 121.5 225.7#

63 6651.1 90.3 167.7#



#13

Acetone

Concen: 7.181 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV014196.D

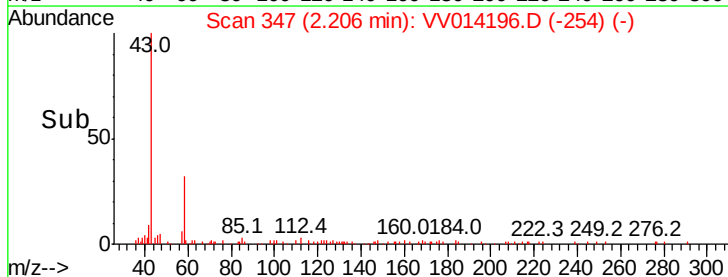
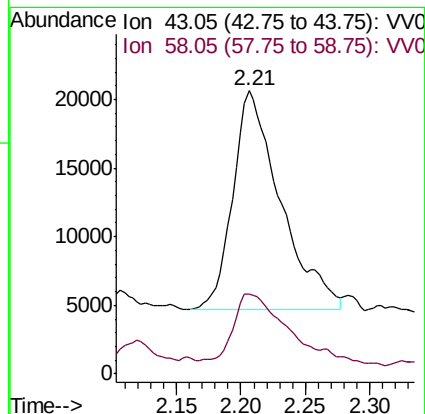
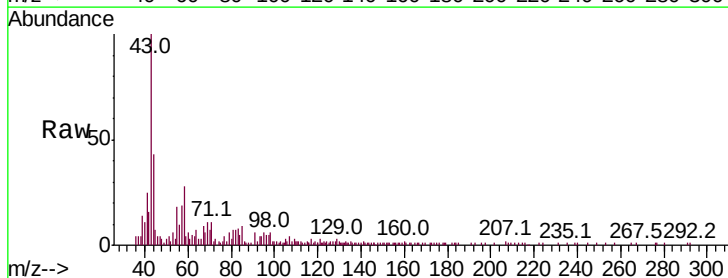
Acq: 27 Dec 2019 17:31

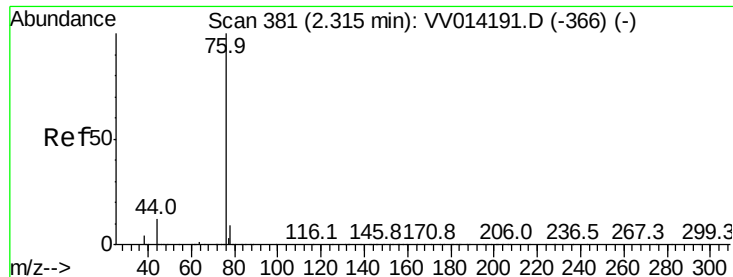
Tgt Ion: 43 Resp: 40582

Ion Ratio Lower Upper

43 100

58 30.3 0.0 66.0





#14

Carbon disulfide

Concen: 2.423 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV014196.D

Acq: 27 Dec 2019 17:31

Instrument :

MSVOA_V

ClientSampled :

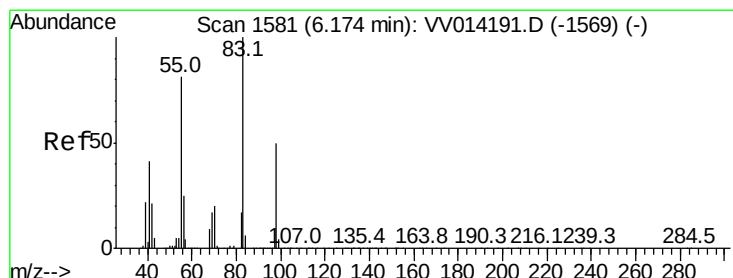
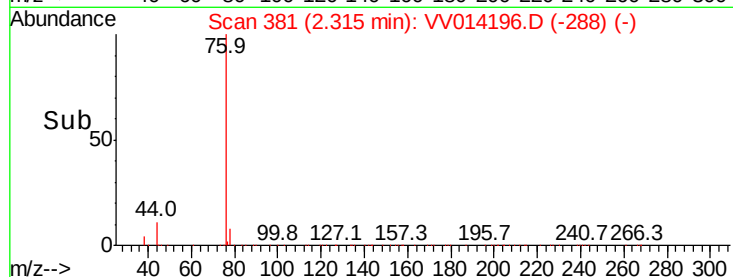
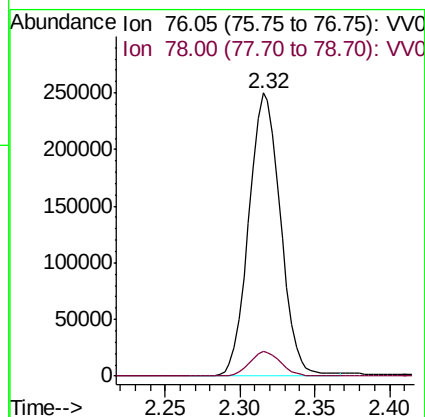
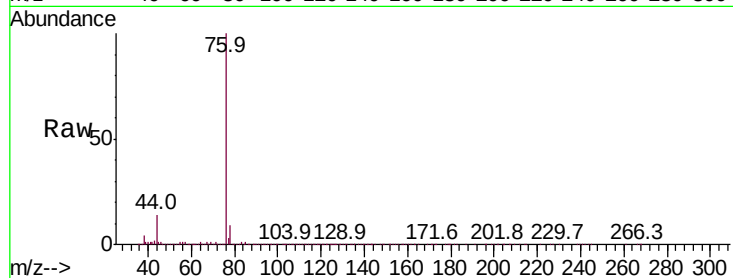
BF6W9

Tot Ion: 76 Resp: 368947

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014196.D

Acq: 27 Dec 2019 17:31

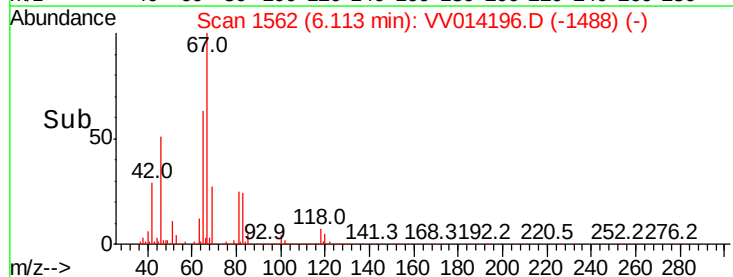
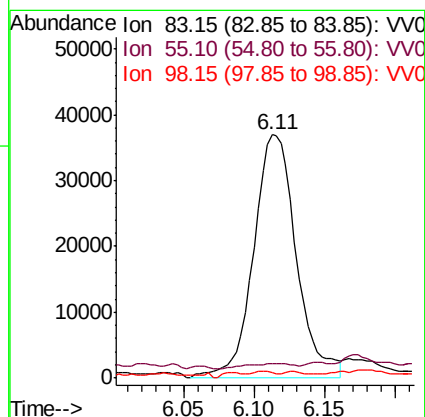
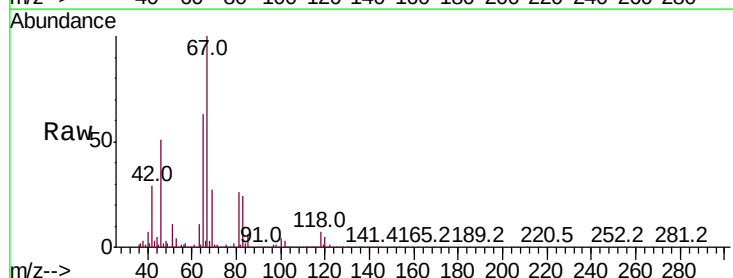
Tgt Ion: 83 Resp: 78486

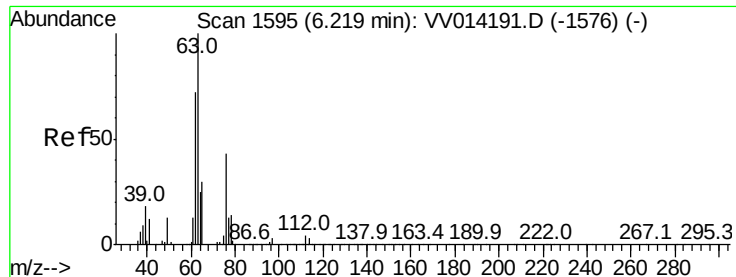
Ion Ratio Lower Upper

83 100

55 1.0 61.7 92.5#

98 0.4 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

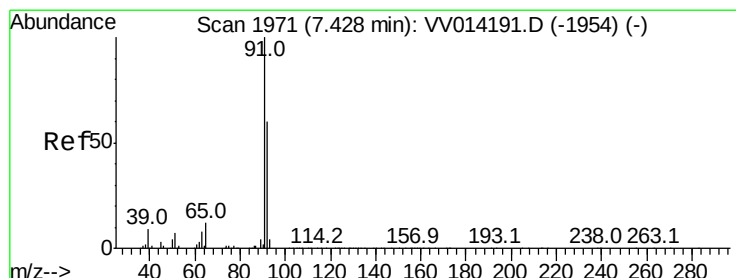
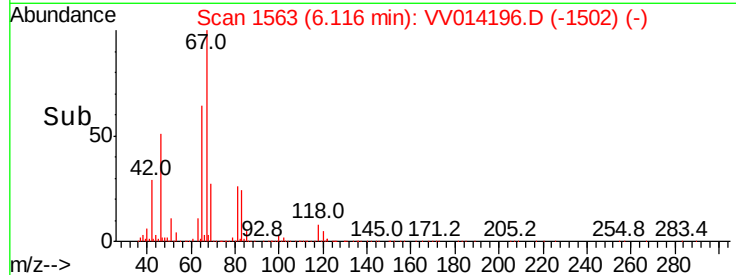
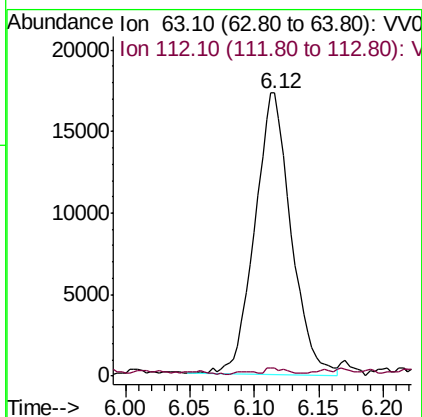
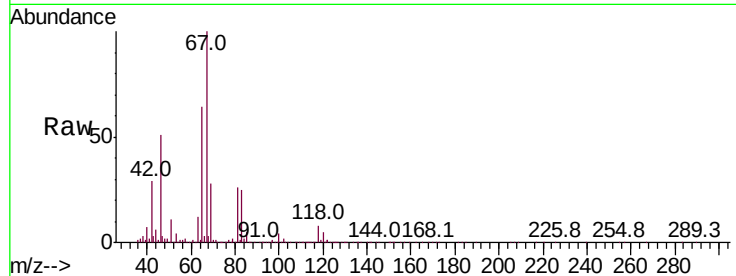
Lab File: VV014196.D

Acq: 27 Dec 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
BF6W9

Tot Ion: 63 Resp: 33891

Ion	Ratio	Lower	Upper
63	100		
112	1.1	3.7	5.5#



#42

Toluene

Concen: 4.448 ug/L

RT: 7.43 min Scan# 1971

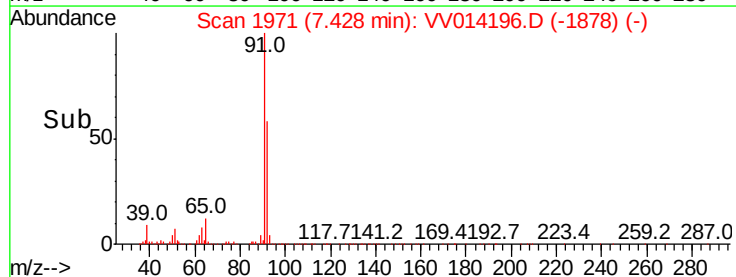
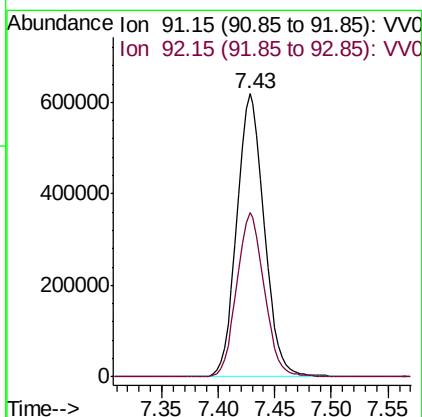
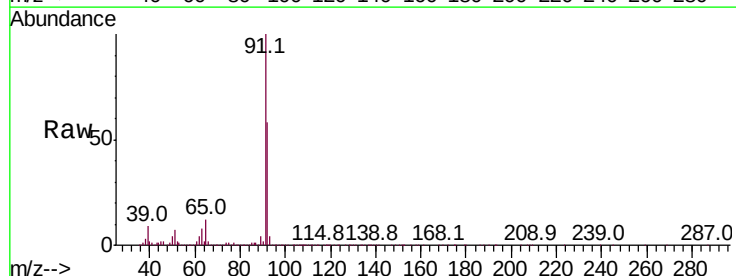
Delta R.T. -0.00 min

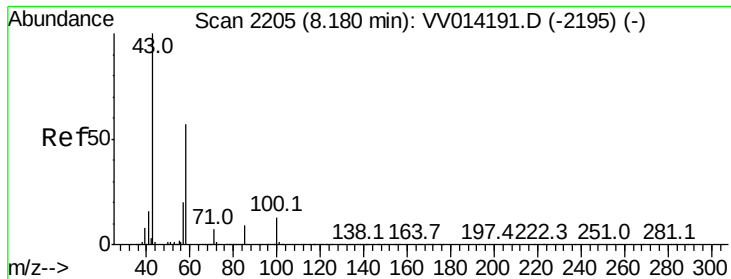
Lab File: VV014196.D

Acq: 27 Dec 2019 17:31

Tgt Ion: 91 Resp: 1045219

Ion	Ratio	Lower	Upper
91	100		
92	57.9	41.2	76.6

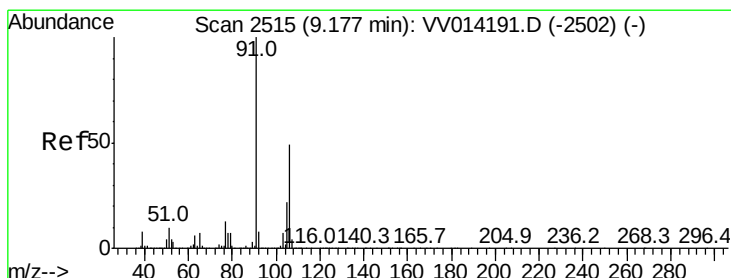
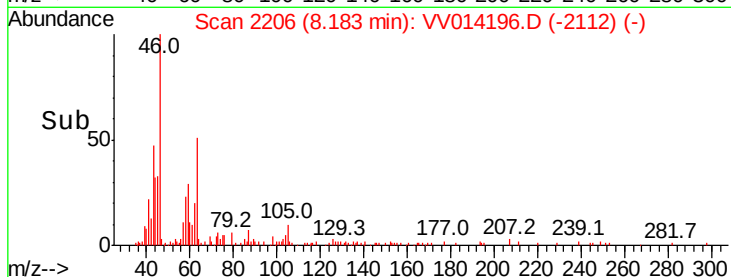
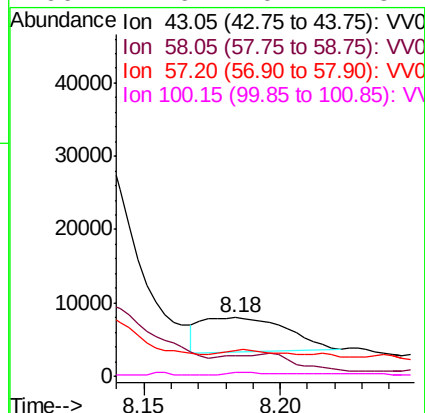
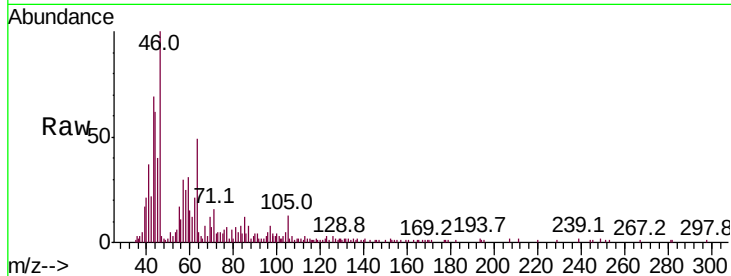




#48
2-Hexanone
Concen: 0.448 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV014196.D
Acq: 27 Dec 2019 17:31

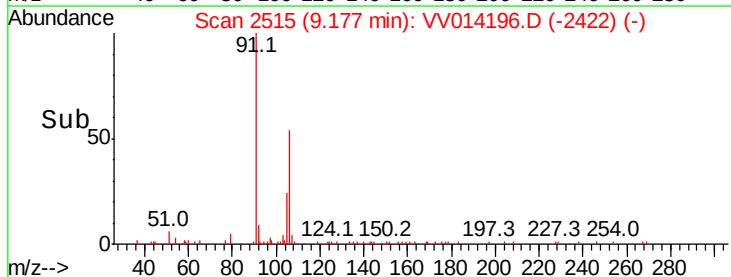
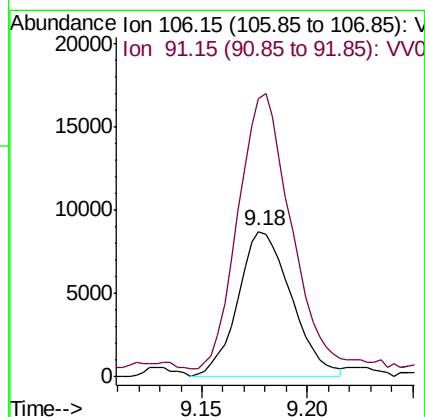
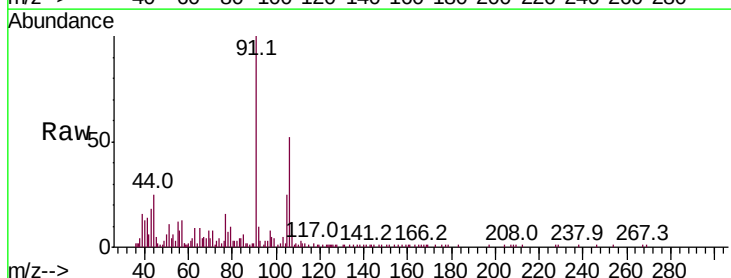
Instrument :
MSVOA_V
ClientSampleId :
BF6W9

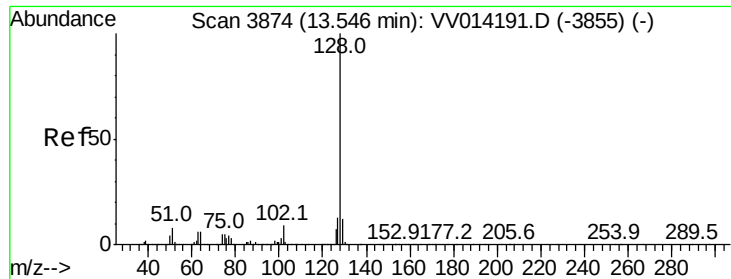
Tot Ion:	43	Resp:	10025
Ion	Ratio	Lower	Upper
43	100		
58	42.8	45.4	68.0#
57	8.5	15.8	23.8#
100	2.6	10.2	15.4#



#53
m,p-xylene
Concen: 0.158 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV014196.D
Acq: 27 Dec 2019 17:31

Tgt Ion:	106	Resp:	15450
Ion	Ratio	Lower	Upper
106	100		
91	191.3	146.8	272.6





#69

Naphthalene

Concen: 0.209 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV014196.D

Acq: 27 Dec 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

BF6W9

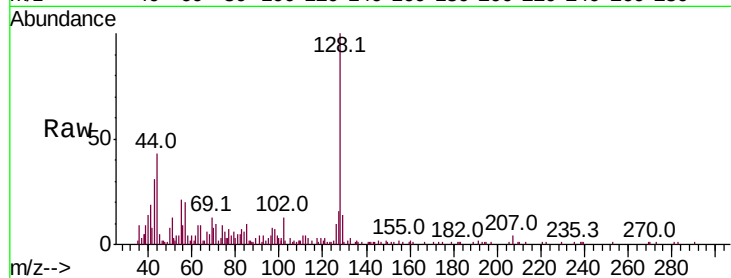
Tot Ion:128 Resp: 24096

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 12.5 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

