

Data File : VV013915.D
Acq On : 05 Dec 2019 14:48
Operator : SY/MD
Sample : K6165-04MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBS1MSD

Quant Time: Dec 06 04:10:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	646977	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	631997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	255502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	160205	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.62%
7) Chloroethane-d5	1.57	69	164940	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.46%
11) 1,1-Dichloroethene-d2	2.13	63	361487	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
21) 2-Butanone-d5	3.92	46	266798	101.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	4.39	84	363660	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.07	65	235049	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
32) Benzene-d6	5.09	84	713615	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.16%
36) 1,2-Dichloropropane-d6	6.11	67	234111	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.35	98	644270	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	7.66	79	104833	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.13	63	171968	93.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.69%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	334779	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	267894	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

Target Compounds

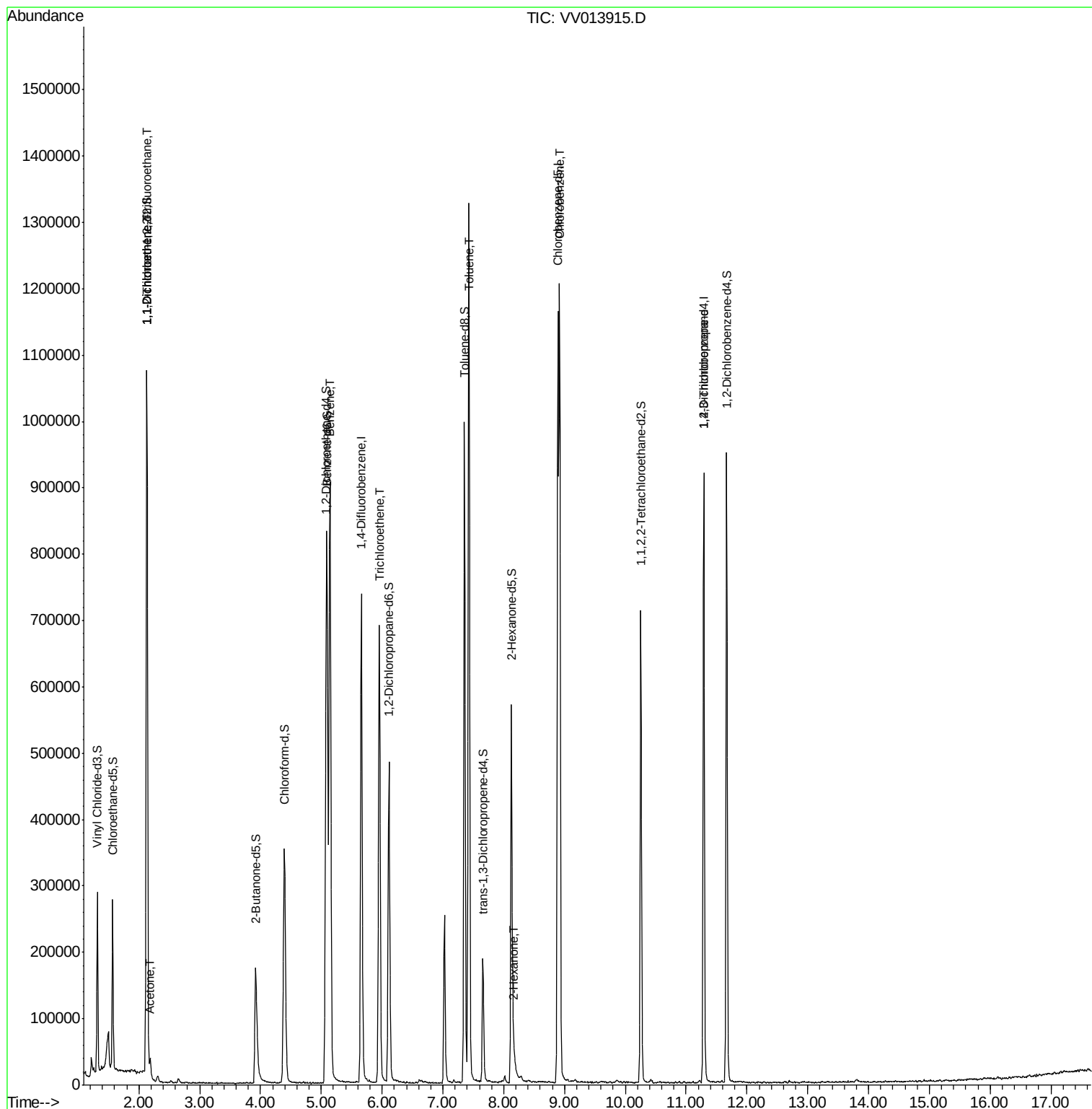
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3631	0.746 ug/L #	18
12) 1,1-Dichloroethene	2.14	96	224084	47.676 ug/L	97
13) Acetone	2.18	43	14873	3.854 ug/L	90
33) Benzene	5.14	78	904213	48.043 ug/L	100
34) Trichloroethene	5.96	95	225858	44.743 ug/L	98
42) Toluene	7.43	91	953623	49.108 ug/L	100
48) 2-Hexanone	8.18	43	11443	2.415 ug/L #	63
51) Chlorobenzene	8.92	112	651189	48.606 ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	25342	4.111 ug/L	96

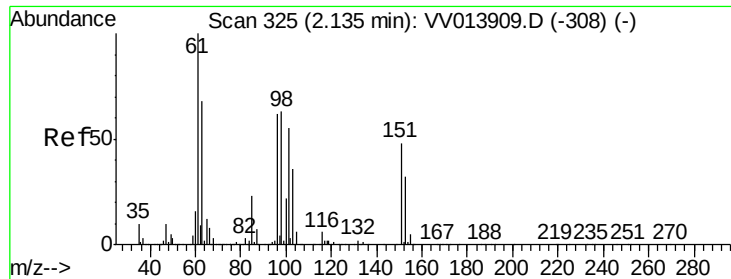
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.746 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

DBBS1MSD

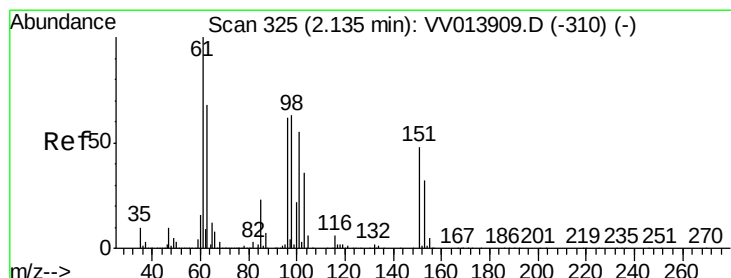
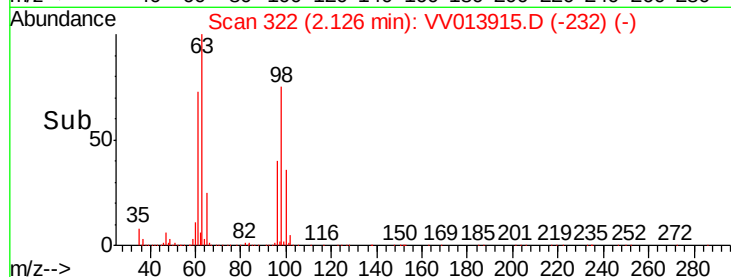
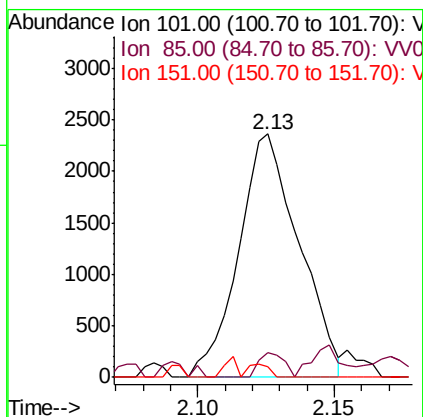
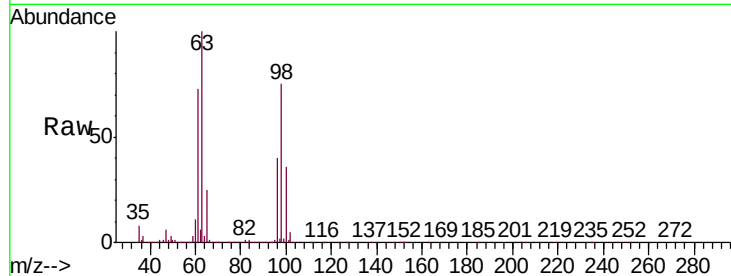
Tgt Ion: 101 Resp: 3631

Ion Ratio Lower Upper

101 100

85 4.1 32.5 48.7#

151 1.8 69.8 104.6#



#12

1,1-Dichloroethene

Concen: 47.676 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

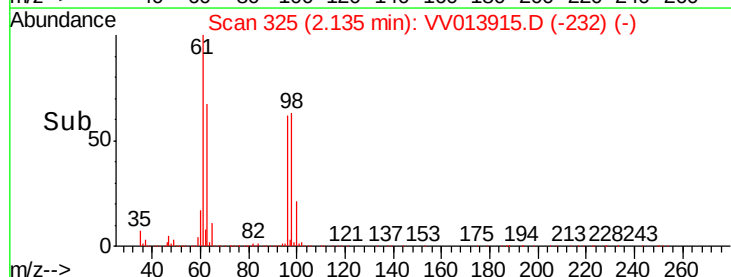
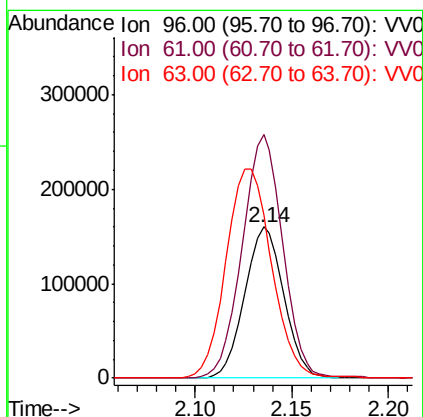
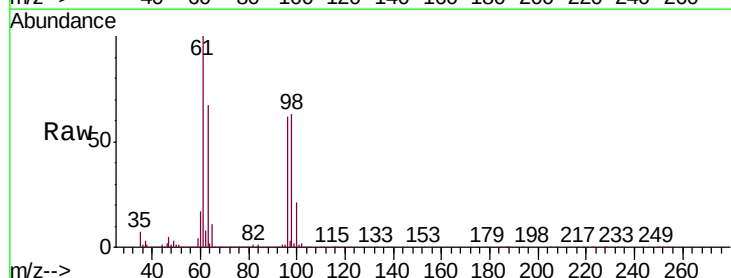
Tgt Ion: 96 Resp: 224084

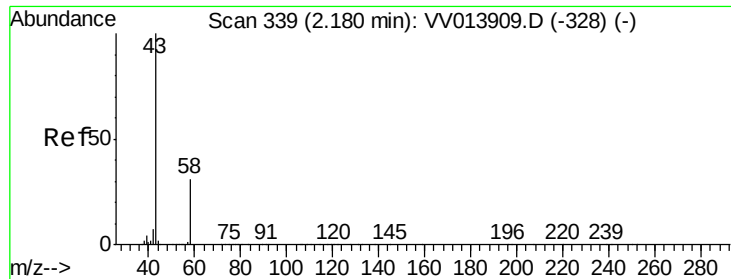
Ion Ratio Lower Upper

96 100

61 161.3 114.0 211.8

63 108.1 80.3 149.1





#13

Acetone

Concen: 3.854 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

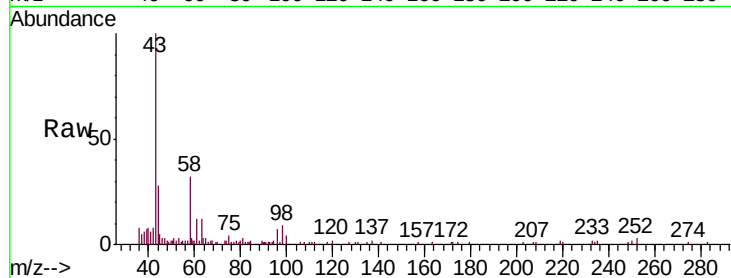
DBBS1MSD

Tgt Ion: 43 Resp: 14873

Ion Ratio Lower Upper

43 100

58 36.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV013909.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV013909.D (-328) (-)

12000

10000

8000

6000

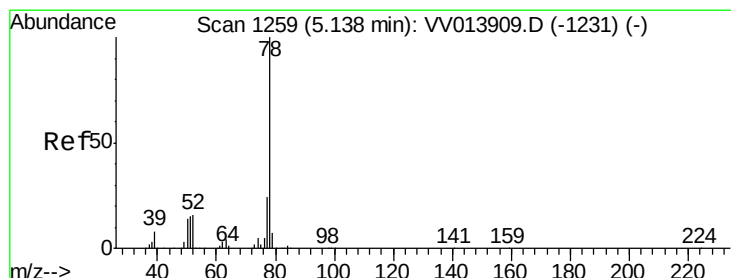
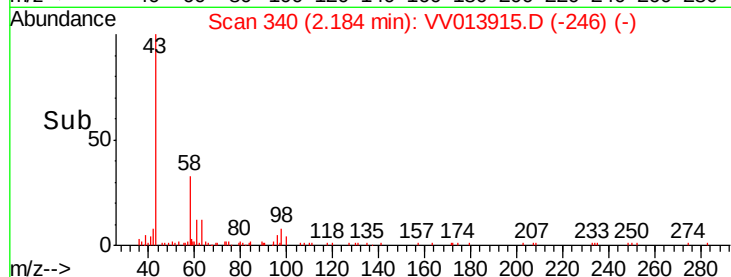
4000

2000

0

2.15 2.20

Time-->



#33

Benzene

Concen: 48.043 ug/L

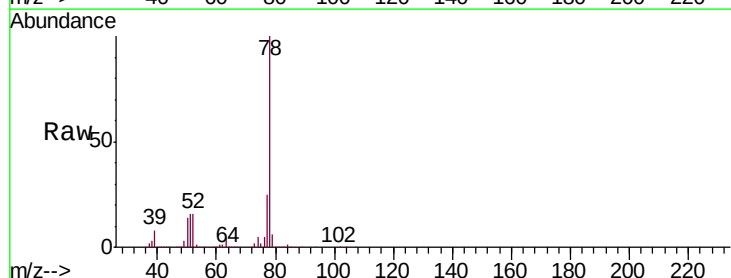
RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

Tgt Ion: 78 Resp: 904213



Abundance Ion 78.00 (77.70 to 78.70): VV013909.D (-1231) (-)

400000

300000

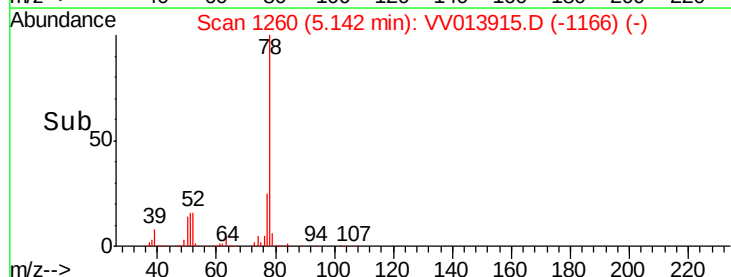
200000

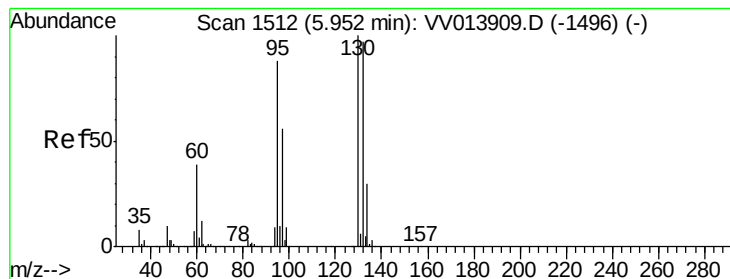
100000

0

5.00 5.10 5.20 5.30

Time-->





#34

Trichloroethene

Concen: 44.743 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013915.D

Acq: 05 Dec 2019 14:48

Instrument :

MSVOA_V

ClientSampleId :

DBBS1MSD

Tgt Ion: 95 Resp: 225858

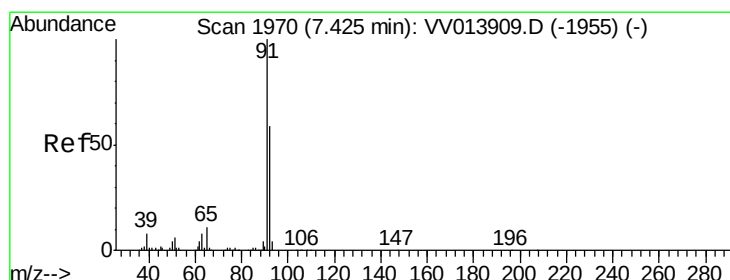
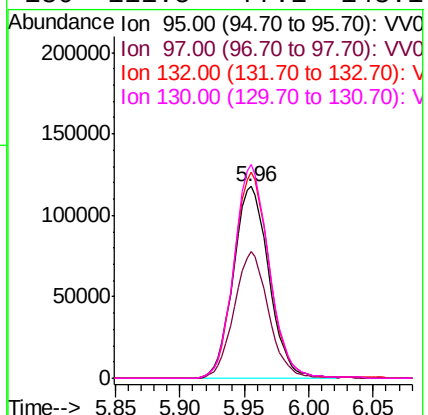
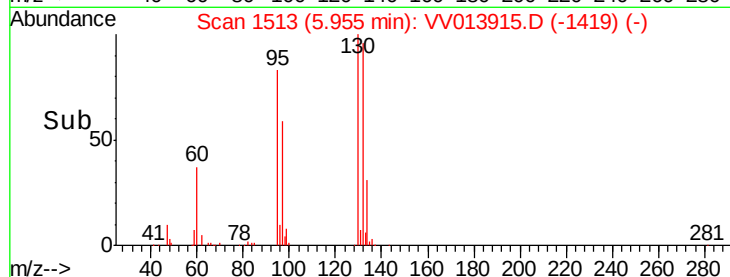
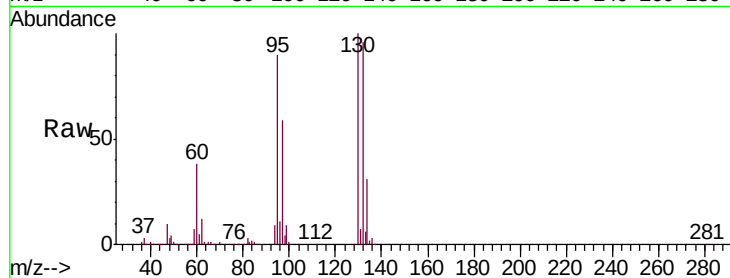
Ion Ratio Lower Upper

95 100

97 65.9 45.4 84.4

132 107.3 73.7 136.9

130 111.5 77.1 143.1



#42

Toluene

Concen: 49.108 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013915.D

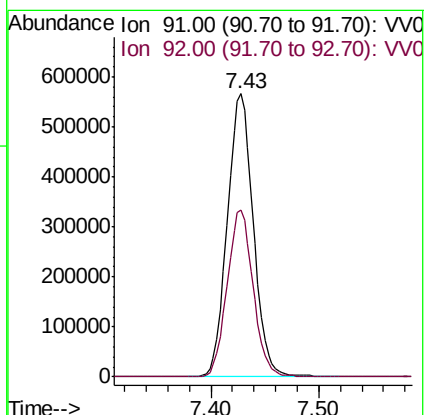
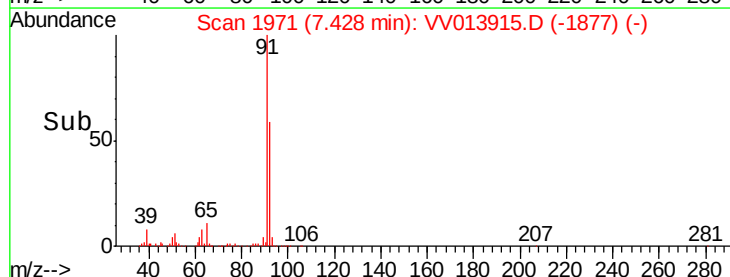
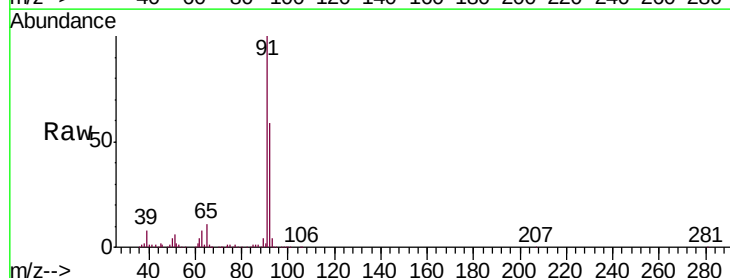
Acq: 05 Dec 2019 14:48

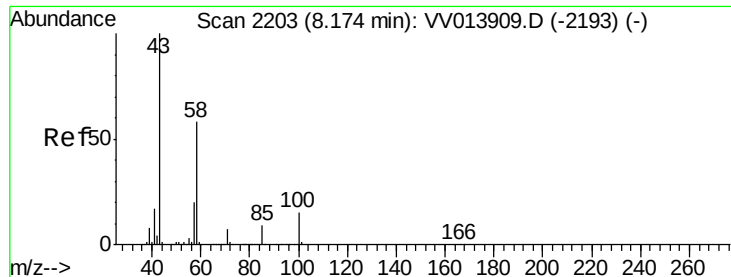
Tgt Ion: 91 Resp: 953623

Ion Ratio Lower Upper

91 100

92 59.1 41.4 77.0

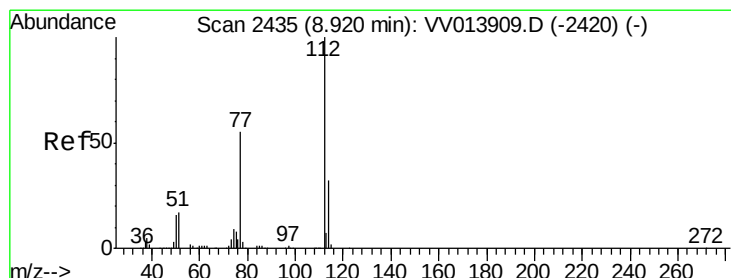
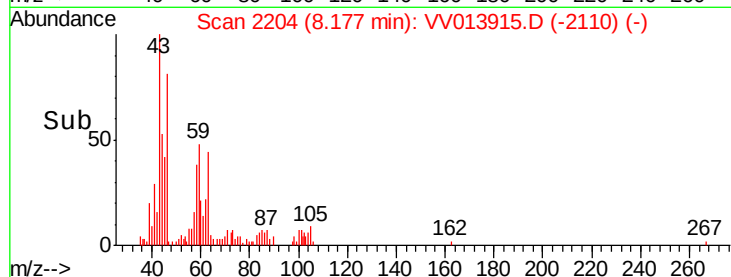
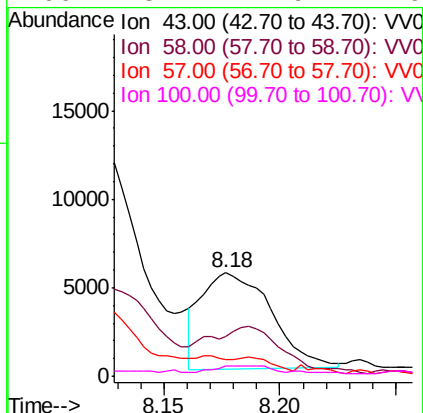
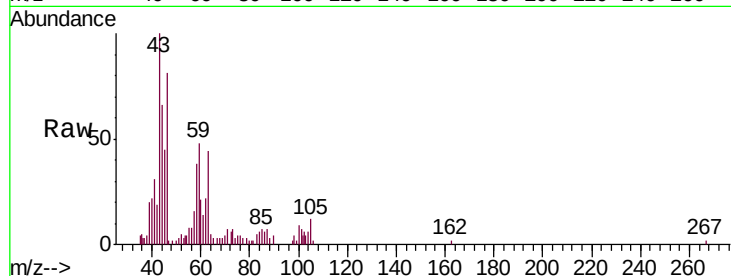




#48
2-Hexanone
Concen: 2.415 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VV013915.D
Acq: 05 Dec 2019 14:48

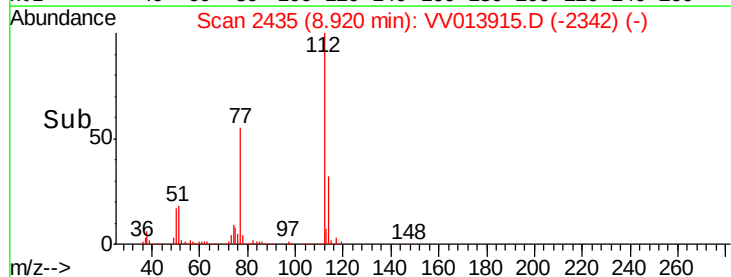
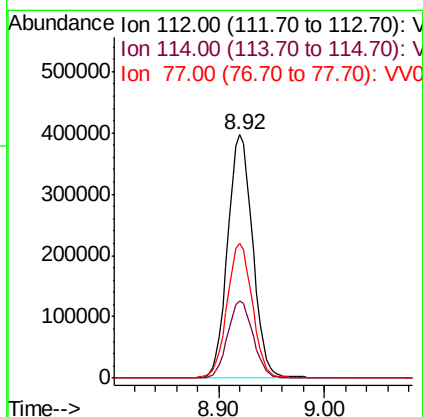
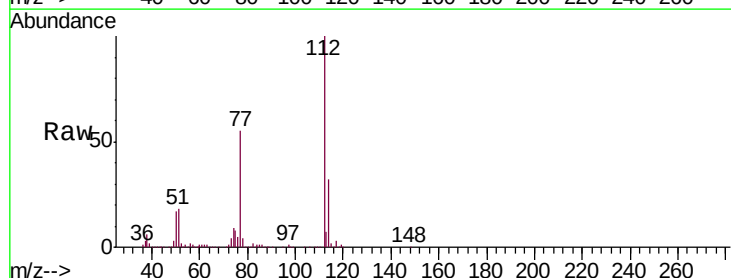
Instrument :
MSVOA_V
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DBBS1MSD

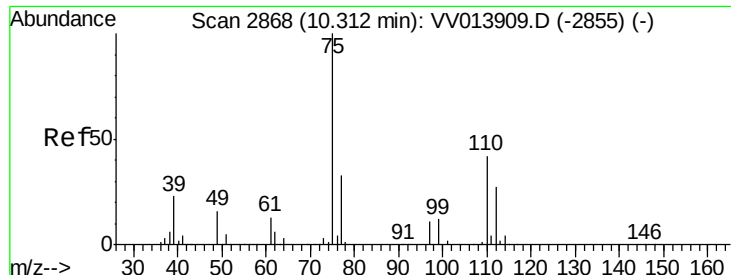
Tgt Ion: 43 Resp: 11443
Ion Ratio Lower Upper
43 100
58 32.3 48.4 72.6#
57 0.0 16.6 24.8#
100 3.7 11.9 17.9#



#51
Chlorobenzene
Concen: 48.606 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013915.D
Acq: 05 Dec 2019 14:48

Tgt Ion: 112 Resp: 651189
Ion Ratio Lower Upper
112 100
114 31.9 23.2 43.2
77 55.3 45.0 67.4





#59
 1,2,3-Trichloropropane
 Concen: 4.111 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV013915.D
 Acq: 05 Dec 2019 14:48

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBS1MSD

Tgt Ion: 75 Resp: 25342
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.8 38.8

