

Data File : VV011463.D
Acq On : 13 Jun 2019 16:26
Operator : SY/MD
Sample : K3310-11RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM06

Quant Time: Jun 14 04:42:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43400	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	35374	4.12	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	70874	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.97	46	106228	45.70	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	4.40	84	83303	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	47426	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	167942	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	53275	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	144178	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	14060	3.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.60%
46) 2-Hexanone-d5	8.14	63	85135	45.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34955	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	44047	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

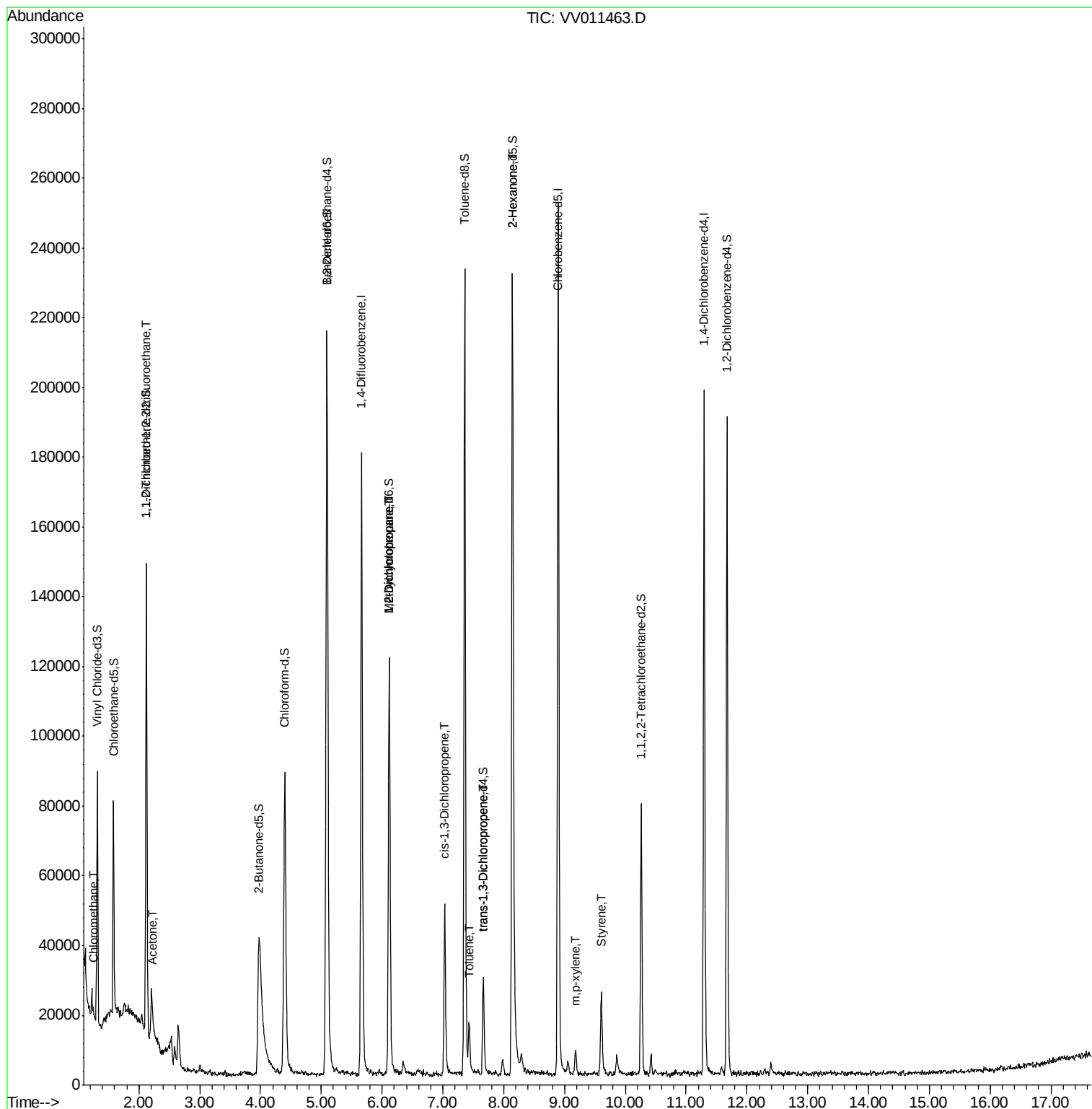
					Qvalue
3) Chloromethane	1.25	50	2139	0.165 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	716	0.081 ug/L #	22
13) Acetone	2.23	43	5268	3.381 ug/L	69
35) Methylcyclohexane	6.12	83	12721	0.743 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6765	0.678 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1521	0.104 ug/L #	54
42) Toluene	7.43	91	7862	0.184 ug/L	95
44) trans-1,3-Dichloropropene	7.66	75	971	0.088 ug/L #	42
48) 2-Hexanone	8.14	43	14068	3.177 ug/L #	71
53) m,p-xylene	9.18	106	1979	0.113 ug/L	64
55) Styrene	9.61	104	11000	0.392 ug/L	95

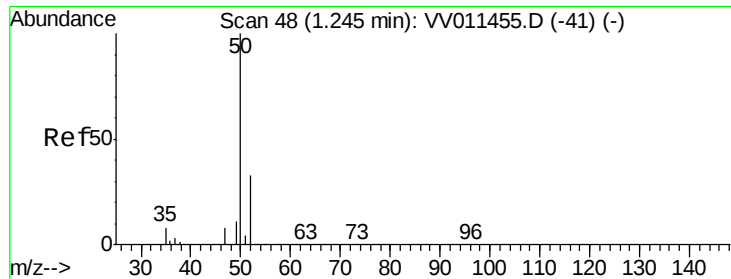
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011463.D

Acq: 13 Jun 2019 16:26

Instrument :

MSVOA_V

ClientSampleId :

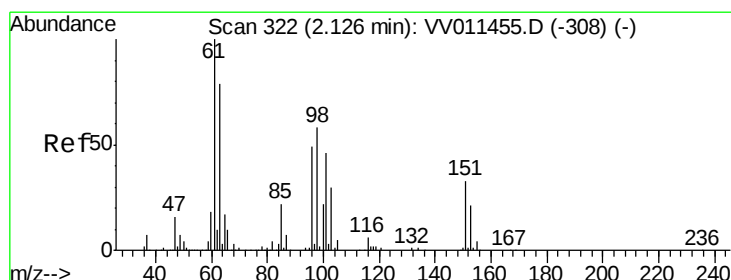
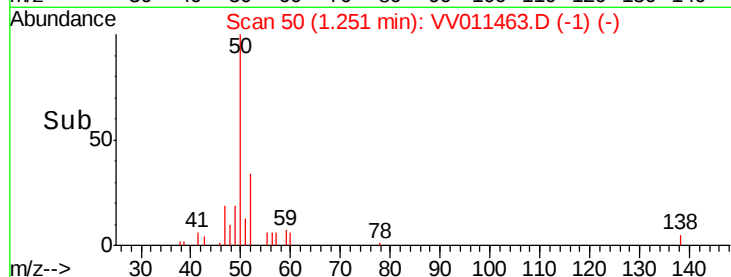
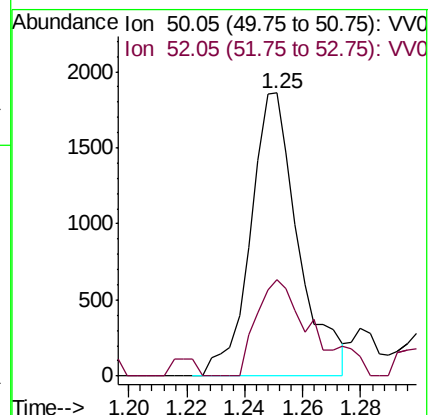
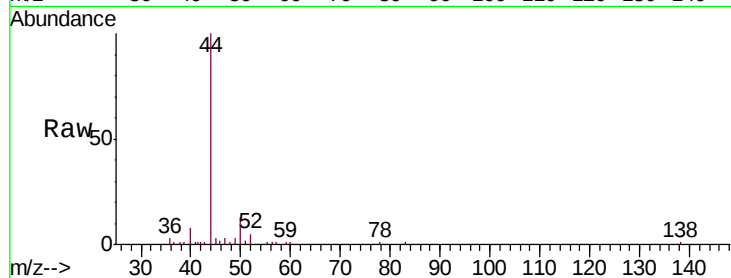
COM06

Tgt Ion: 50 Resp: 2139

Ion Ratio Lower Upper

50 100

52 34.2 22.3 41.5



#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011463.D

Acq: 13 Jun 2019 16:26

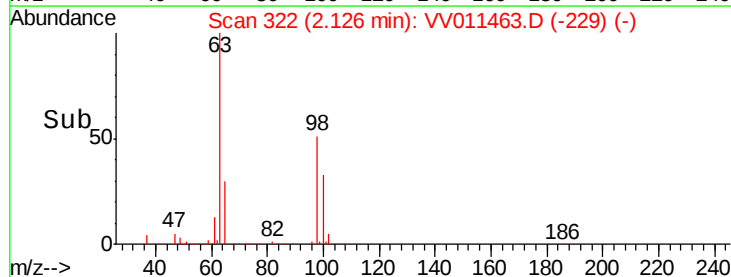
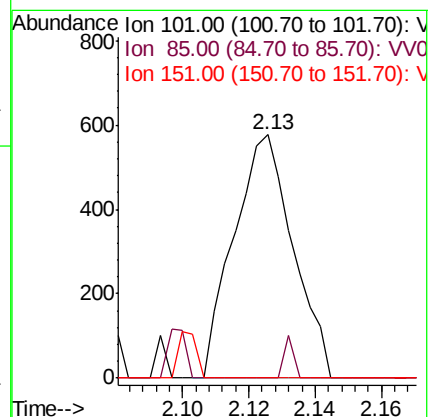
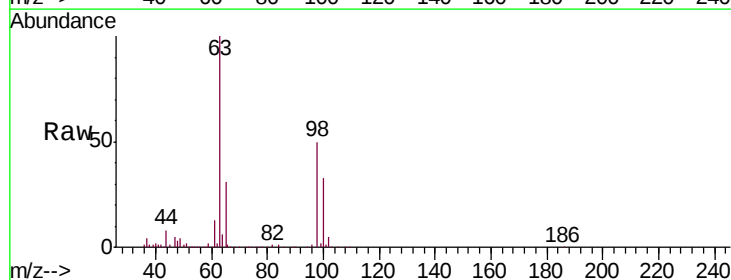
Tgt Ion: 101 Resp: 716

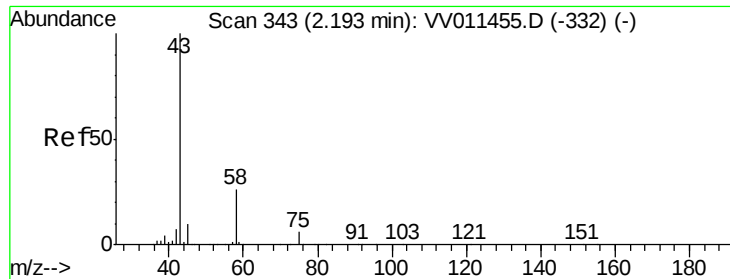
Ion Ratio Lower Upper

101 100

85 2.8 35.5 53.3#

151 0.0 56.9 85.3#

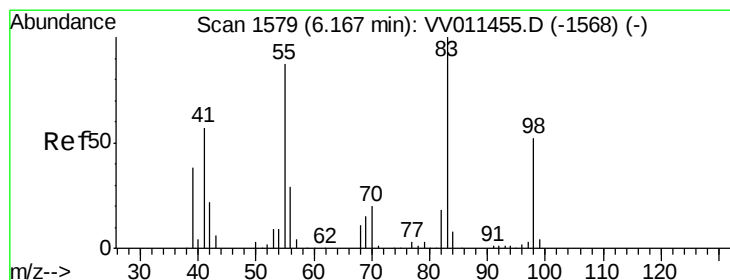
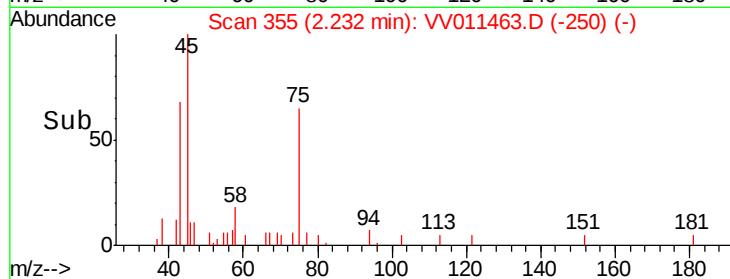
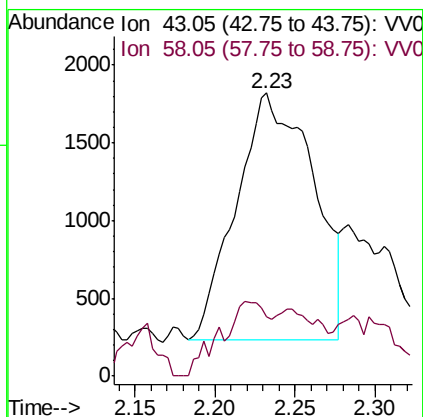
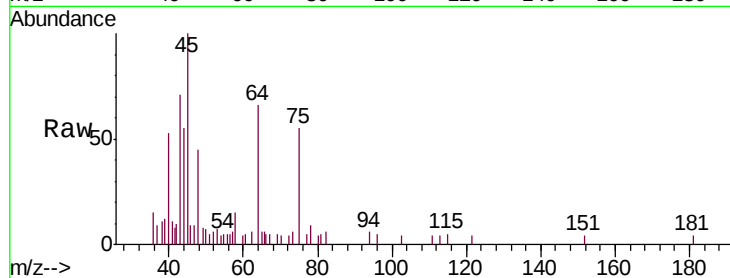




#13
Acetone
Concen: 3.381 ug/L
RT: 2.23 min Scan# 355
Delta R.T. 0.04 min
Lab File: VV011463.D
Acq: 13 Jun 2019 16:26

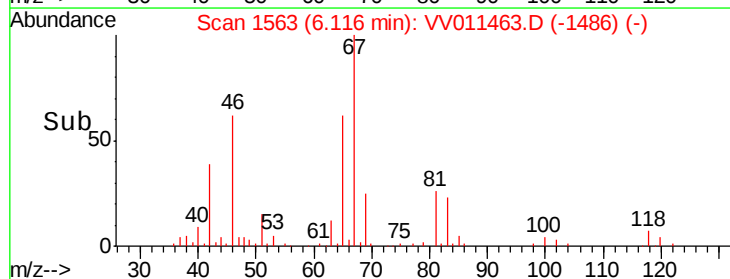
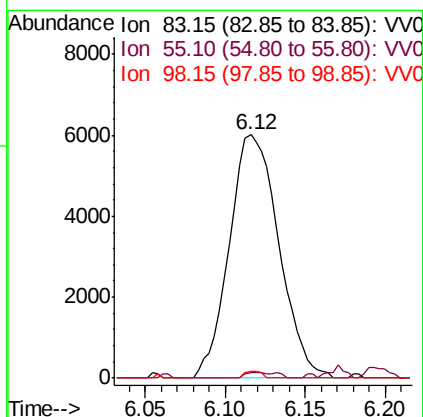
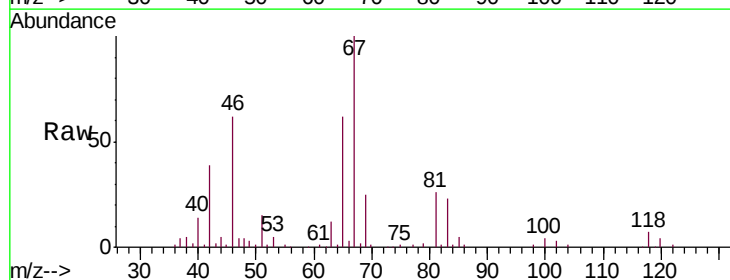
Instrument :
MSVOA_V
ClientSampleId :
COM06

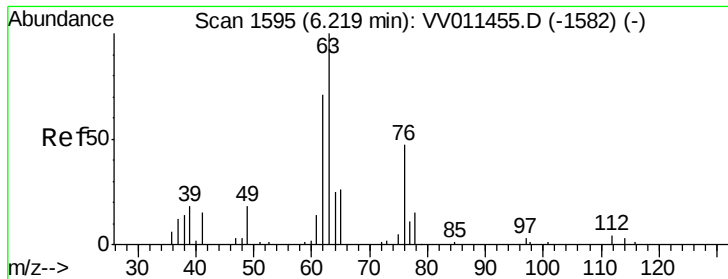
Tgt Ion: 43 Resp: 5268
Ion Ratio Lower Upper
43 100
58 11.6 0.0 55.2



#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011463.D
Acq: 13 Jun 2019 16:26

Tgt Ion: 83 Resp: 12721
Ion Ratio Lower Upper
83 100
55 1.1 67.0 100.6#
98 1.0 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.678 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011463.D

Acq: 13 Jun 2019 16:26

Instrument :

MSVOA_V

ClientSampleId :

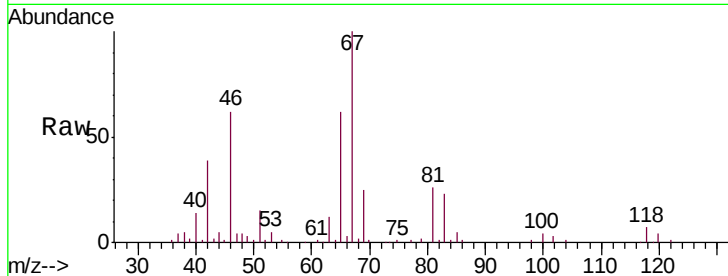
COM06

Tgt Ion: 63 Resp: 6765

Ion Ratio Lower Upper

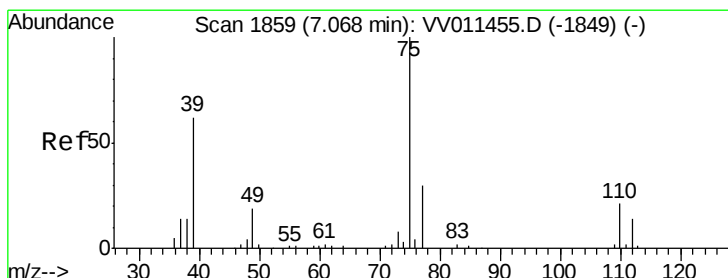
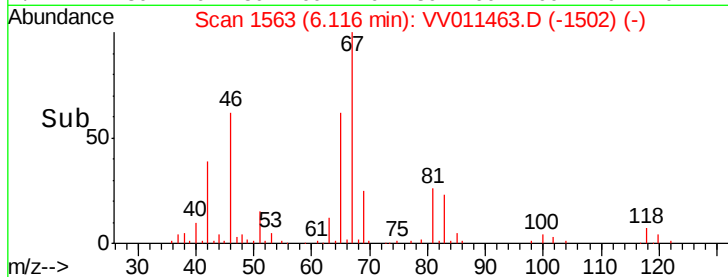
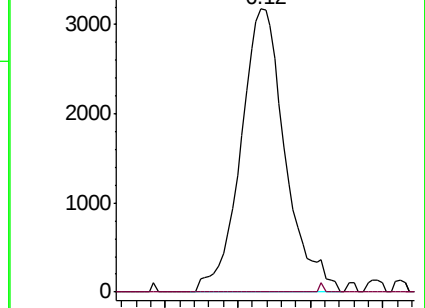
63 100

112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011455.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV011455.D (-1582) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011463.D

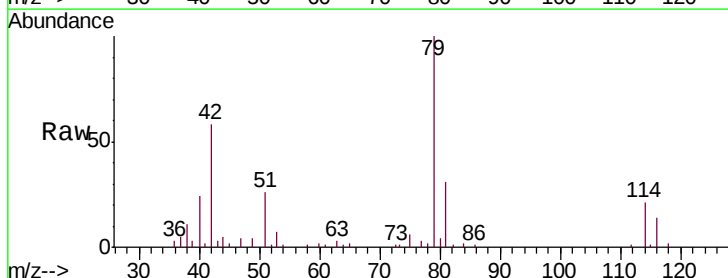
Acq: 13 Jun 2019 16:26

Tgt Ion: 75 Resp: 1521

Ion Ratio Lower Upper

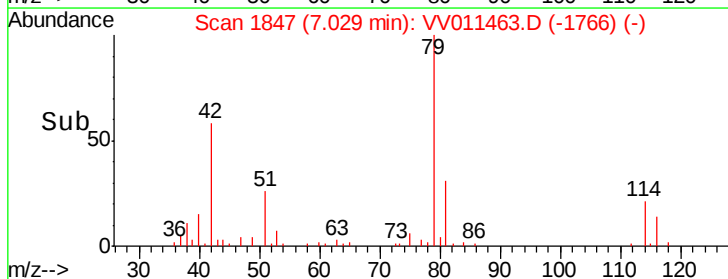
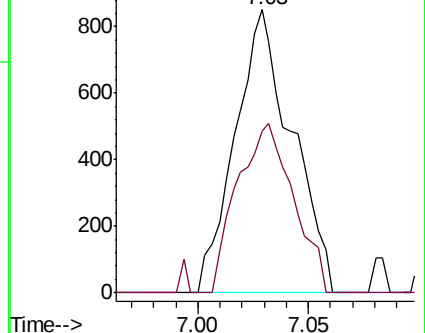
75 100

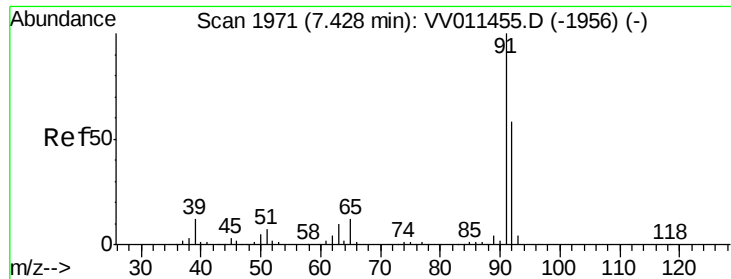
77 57.0 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV011455.D (-1849) (-)

Ion 77.05 (76.75 to 77.75): VV011455.D (-1849) (-)





#42

Toluene

Concen: 0.184 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011463.D

Acq: 13 Jun 2019 16:26

Instrument :

MSVOA_V

ClientSampleId :

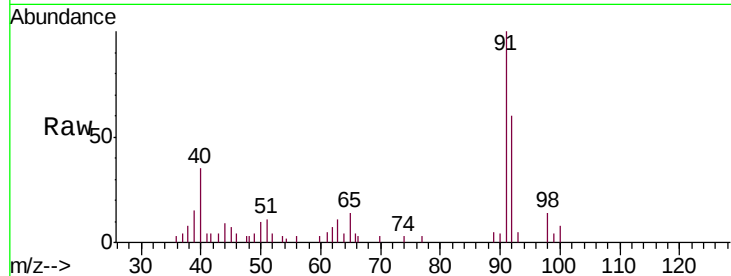
COM06

Tgt Ion: 91 Resp: 7862

Ion Ratio Lower Upper

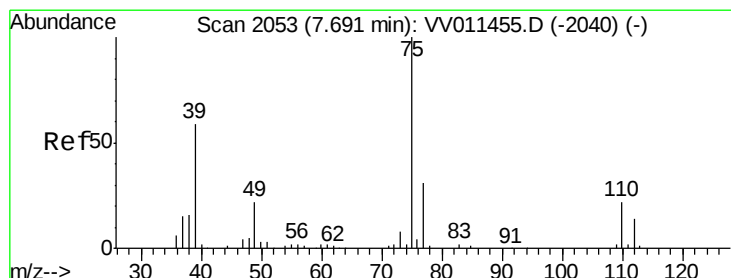
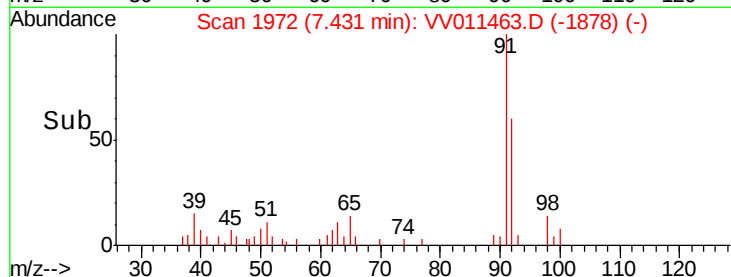
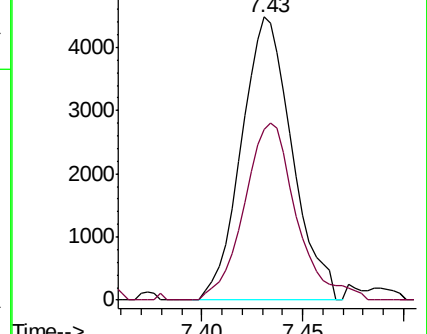
91 100

92 60.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011463.D

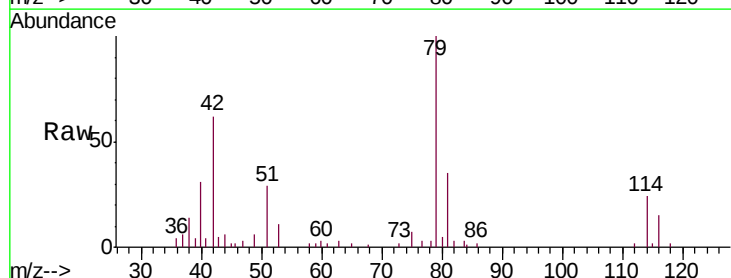
Acq: 13 Jun 2019 16:26

Tgt Ion: 75 Resp: 971

Ion Ratio Lower Upper

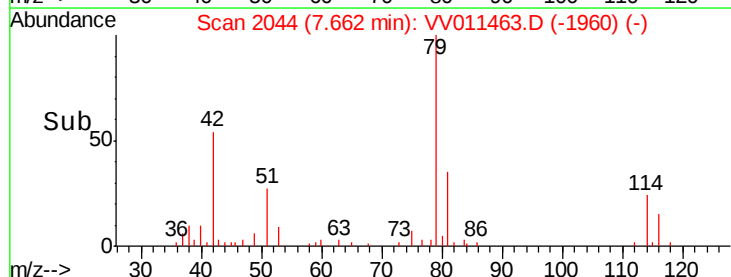
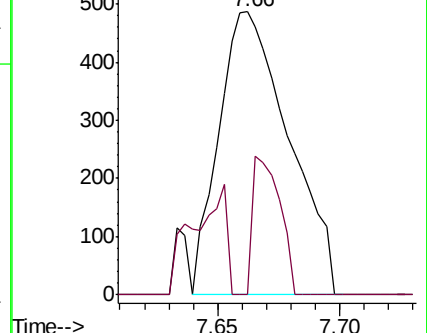
75 100

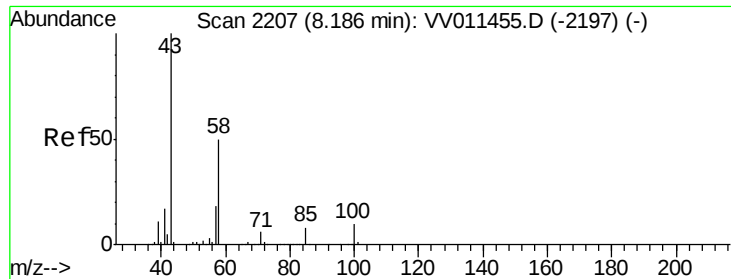
77 0.0 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

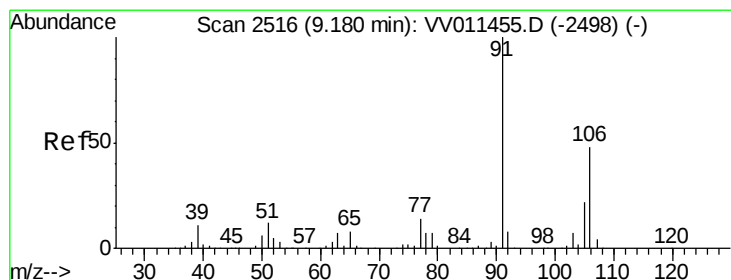
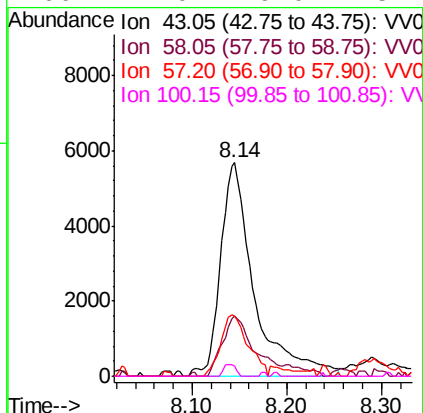
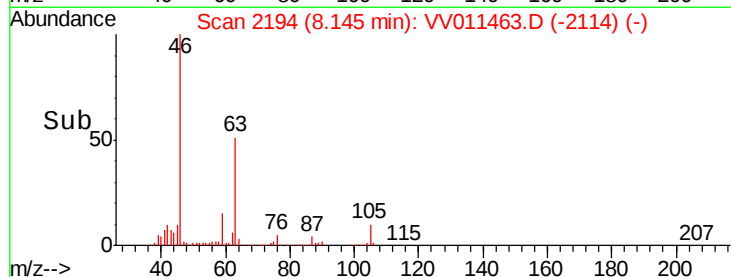
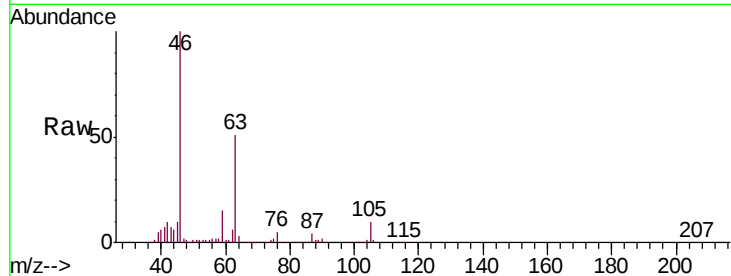




#48
2-Hexanone
Concen: 3.177 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV011463.D
Acq: 13 Jun 2019 16:26

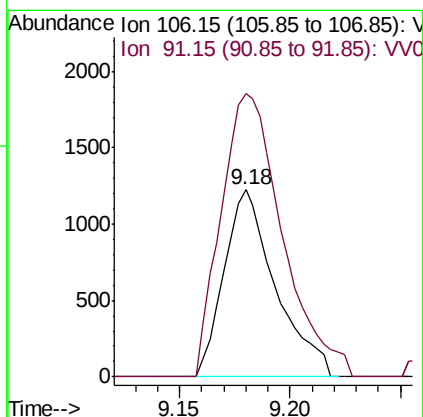
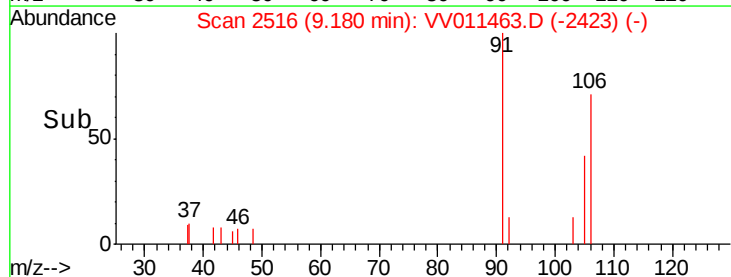
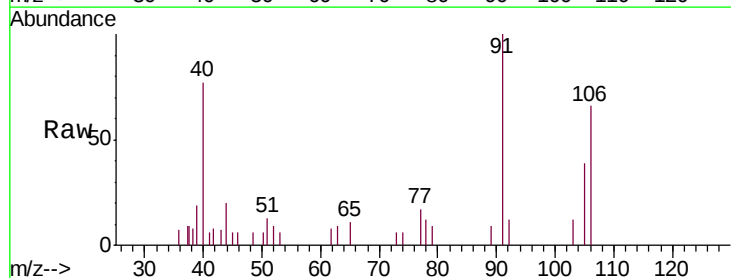
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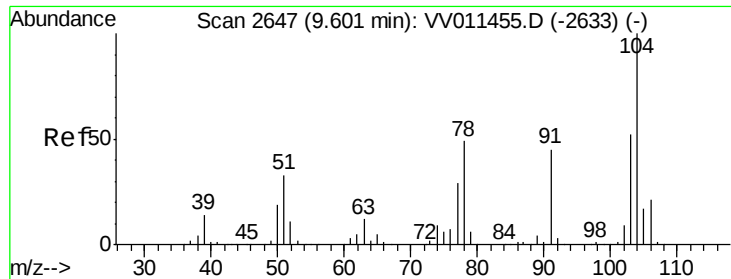
Tgt Ion: 43 Resp: 14068
Ion Ratio Lower Upper
43 100
58 26.2 41.4 62.0#
57 23.2 15.0 22.4#
100 2.0 9.0 13.4#



#53
m,p-xylene
Concen: 0.113 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV011463.D
Acq: 13 Jun 2019 16:26

Tgt Ion: 106 Resp: 1979
Ion Ratio Lower Upper
106 100
91 151.4 145.5 270.3





#55

Styrene

Concen: 0.392 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.01 min

Lab File: VV011463.D

Acq: 13 Jun 2019 16:26

Instrument :

MSVOA_V

ClientSampleId :

COM06

Tgt Ion:104 Resp: 11000

Ion Ratio Lower Upper

104 100

78 49.7 32.4 60.2

