

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061919\
 Data File : VV011604.D
 Acq On : 19 Jun 2019 05:02
 Operator : SY/MD
 Sample : K3386-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMAO

Quant Time: Jun 19 09:08:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 19 07:50:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37982	3.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.60%
7) Chloroethane-d5	1.58	69	34514	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.12	63	81999	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	198694	57.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.46%
24) Chloroform-d	4.40	84	106267	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	68025	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	202934	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	70542	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	159695	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.67	79	17245	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.14	63	145121	54.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51745	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	55648	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

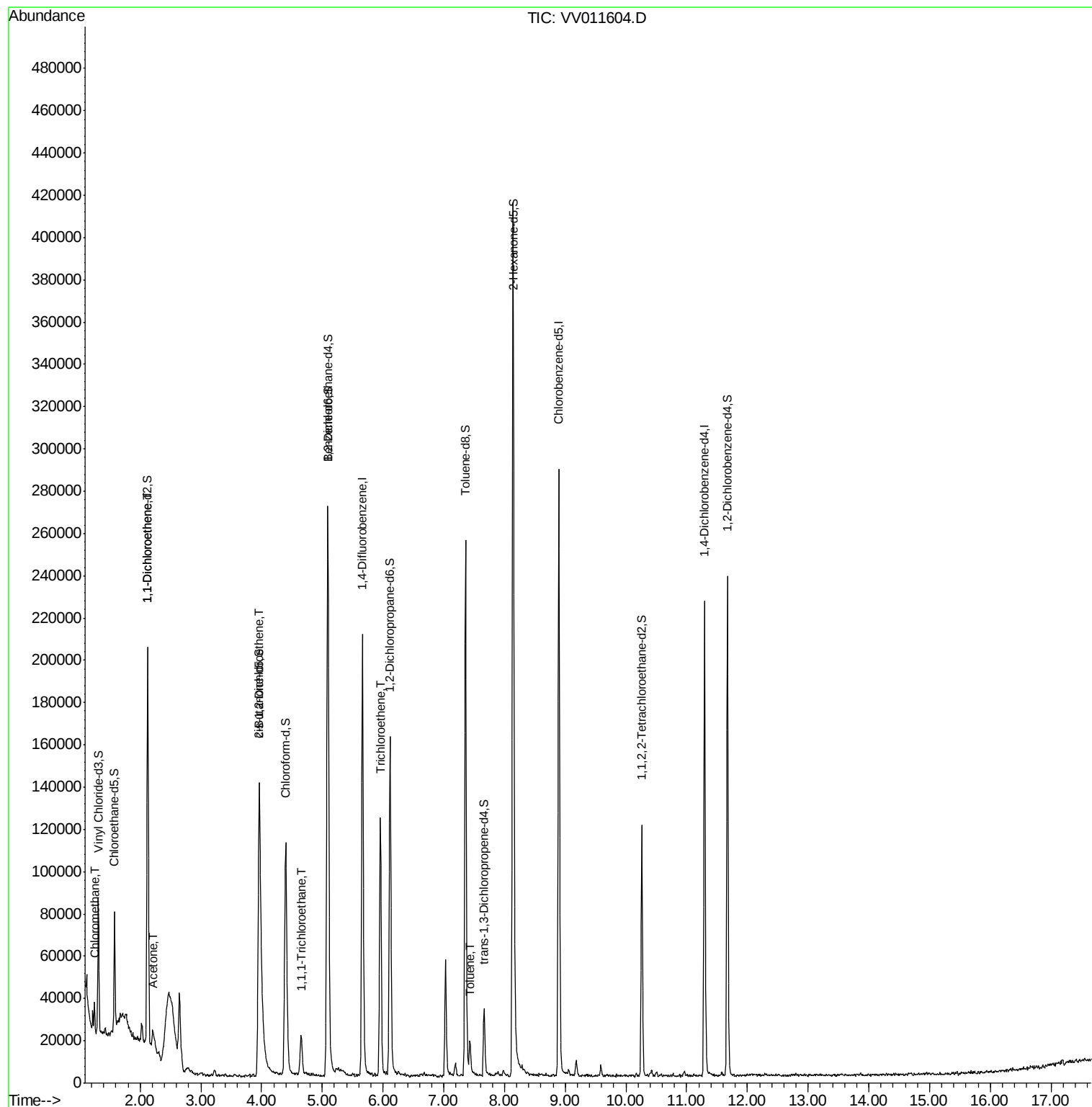
					Ovalue
3) Chloromethane	1.25	50	8342	0.528 ug/L	99
12) 1,1-Dichloroethene	2.13	96	28248	2.779 ug/L #	74
13) Acetone	2.23	43	12417	5.307 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	29916	2.298 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	13450	0.736 ug/L	98
34) Trichloroethene	5.96	95	41232	3.372 ug/L	98
42) Toluene	7.43	91	9003	0.181 ug/L	96

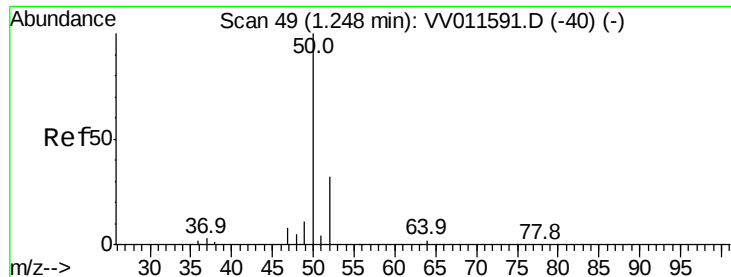
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.528 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Instrument :

MSVOA_V

ClientSampled :

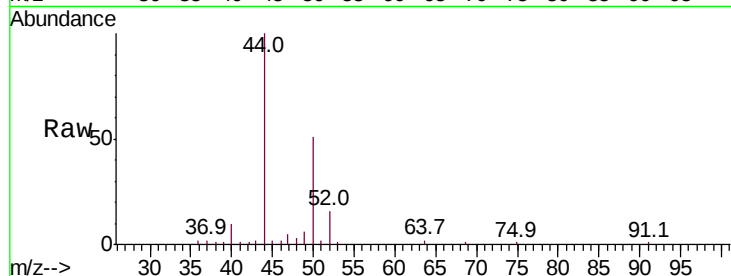
COMAO

Tot Ion: 50 Resp: 8342

Ion Ratio Lower Upper

50 100

52 31.7 22.7 42.1

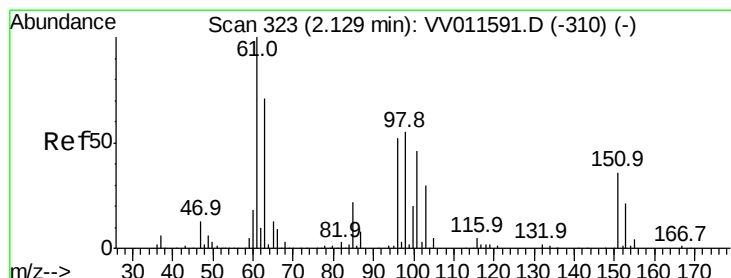
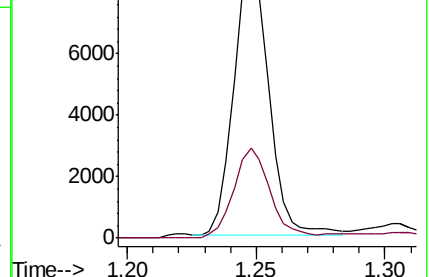
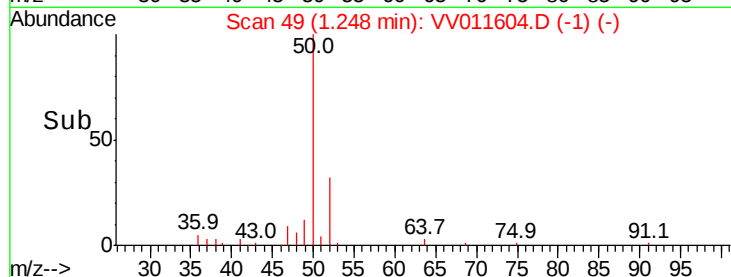


Abundance Ion 50.05 (49.75 to 50.75): VV011591.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011591.D (-40) (-)

1.25

Time-->



#12

1,1-Dichloroethene

Concen: 2.779 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

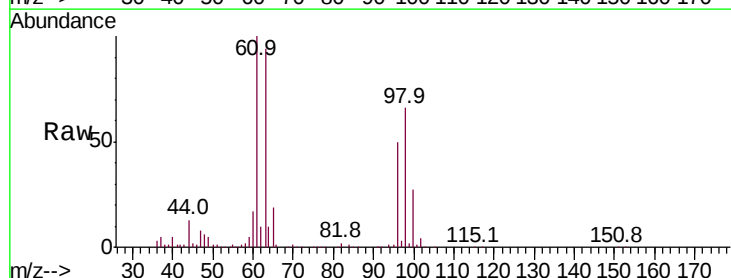
Tgt Ion: 96 Resp: 28248

Ion Ratio Lower Upper

96 100

61 201.7 135.9 252.5

63 190.4 86.2 160.2#



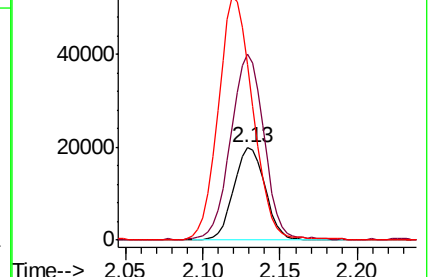
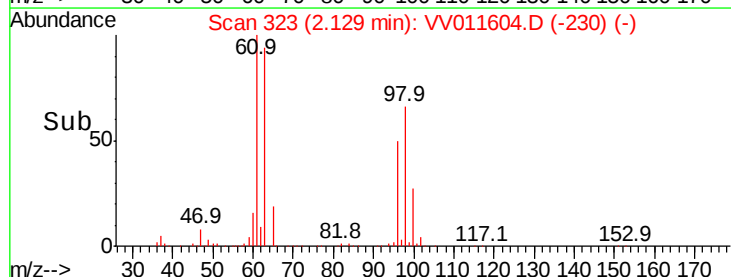
Abundance Ion 96.00 (95.70 to 96.70): VV011591.D (-310) (-)

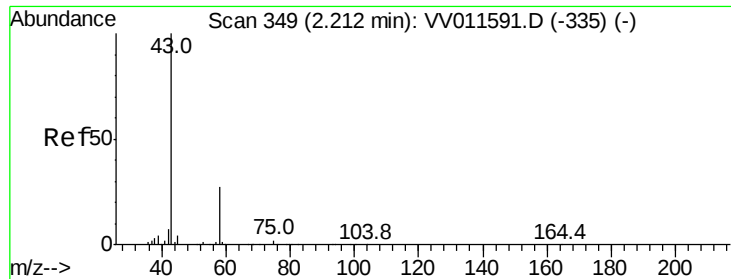
Ion 61.05 (60.75 to 61.75): VV011591.D (-310) (-)

Ion 63.00 (62.70 to 63.70): VV011591.D (-310) (-)

2.13

Time-->





#13

Acetone

Concen: 5.307 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Instrument :

MSVOA_V

ClientSampled :

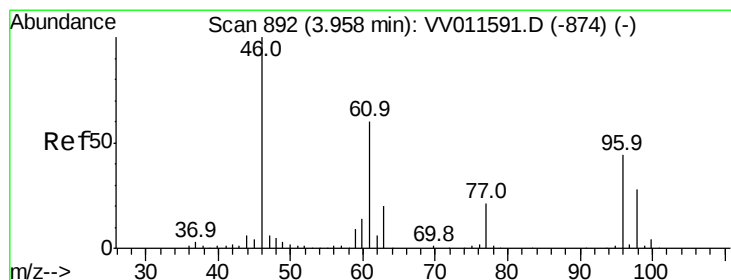
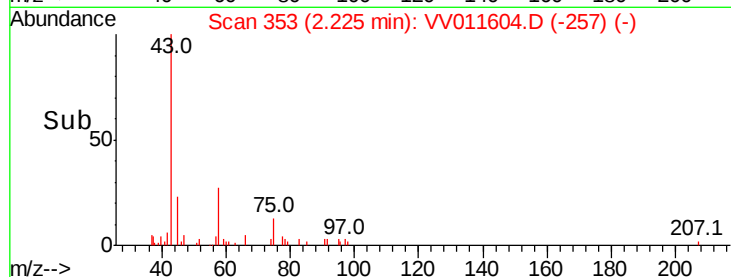
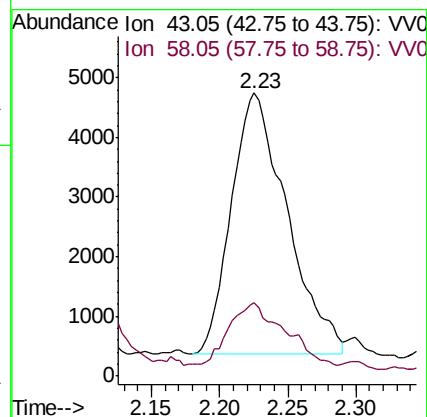
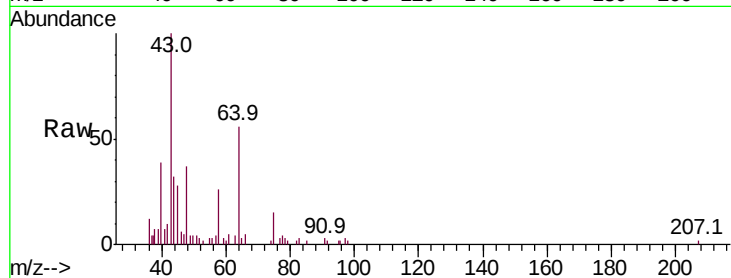
COMAO

Tot Ion: 43 Resp: 12417

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.8



#22

cis-1,2-Dichloroethene

Concen: 2.298 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

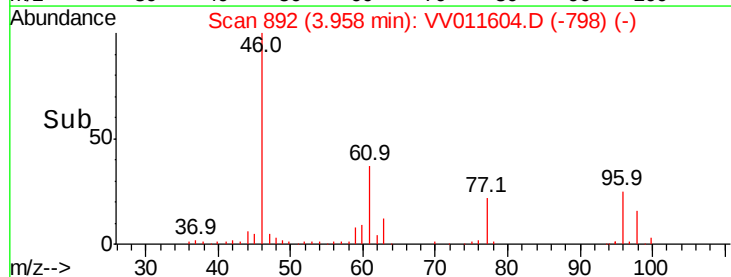
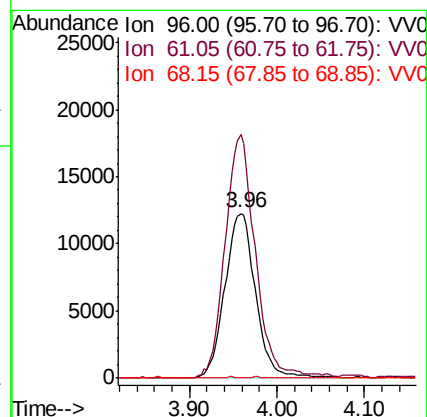
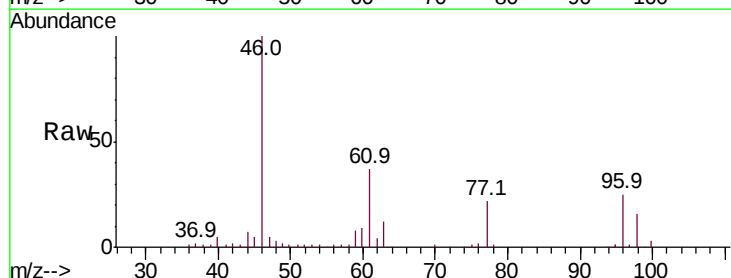
Tgt Ion: 96 Resp: 29916

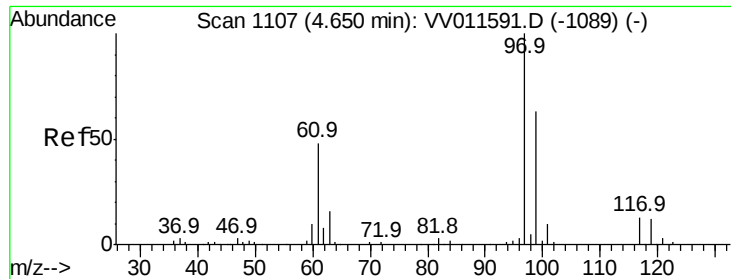
Ion Ratio Lower Upper

96 100

61 148.3 102.2 189.8

68 0.0 0.0 0.0

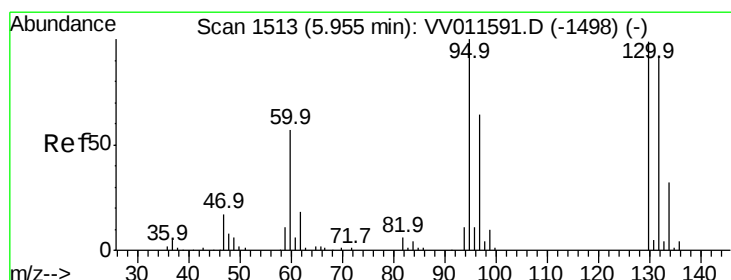
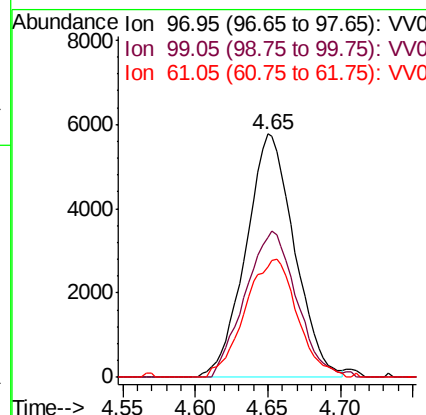
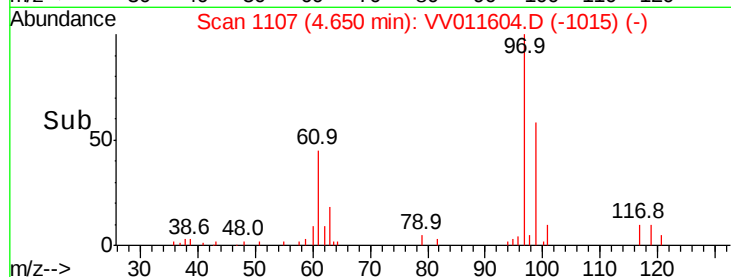
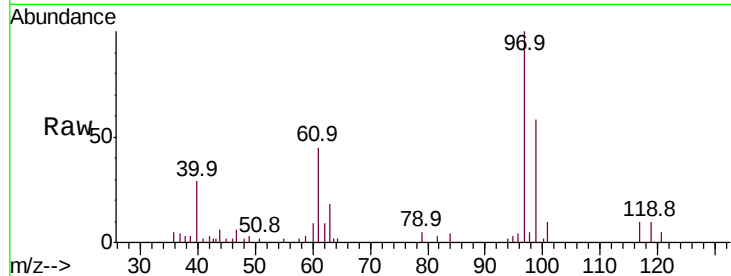




#29
1,1,1-Trichloroethane
Concen: 0.736 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

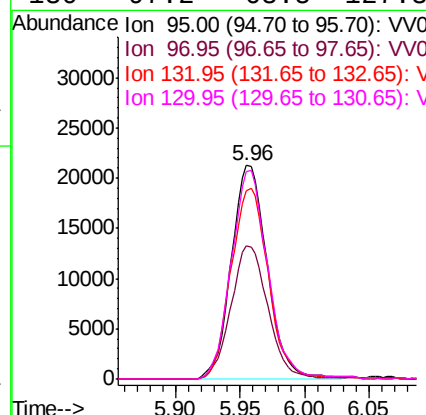
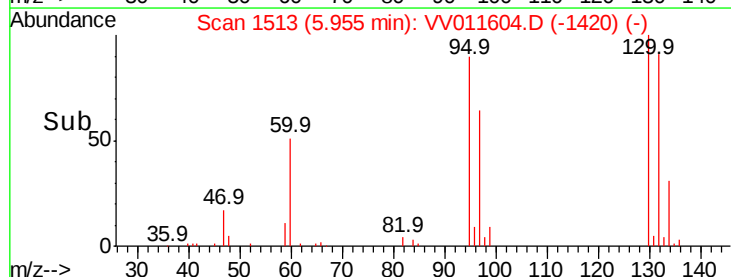
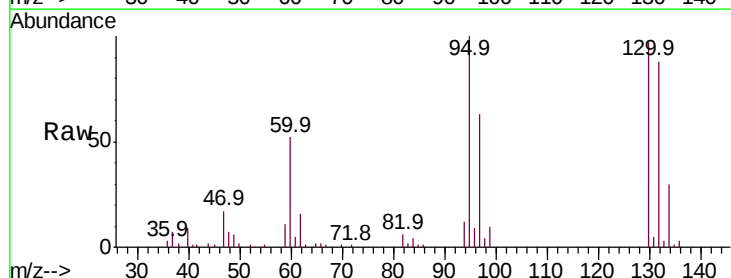
Instrument :
MSVOA_V
ClientSampled :
COMAO

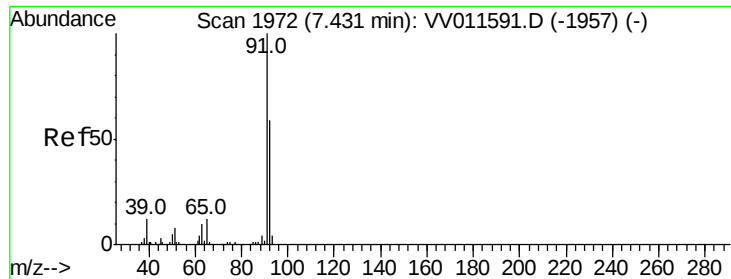
Tot Ion: 97 Resp: 13450
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 52.3 40.4 60.6



#34
Trichloroethene
Concen: 3.372 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 95 Resp: 41232
Ion Ratio Lower Upper
95 100
97 62.6 44.4 82.4
132 88.2 63.5 117.9
130 97.2 68.5 127.3





#42

Toluene

Concen: 0.181 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Instrument :

MSVOA_V

ClientSampleId :

COMAO

Tot Ion: 91 Resp: 9003

Ion Ratio Lower Upper

91 100

92 60.7 40.5 75.1

