

Data File : VV011283.D
Acq On : 07 Jun 2019 10:03
Operator : SY/MD
Sample : K3228-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P06

Quant Time: Jun 08 00:05:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158499	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57144	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51815	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.55	69	41425	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.12	63	81384	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.94	46	148617	54.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.40	84	95579	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	54944	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	191910	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.12	67	59827	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	169286	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.66	79	17199	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	8.13	63	116030	53.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43906	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	55077	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

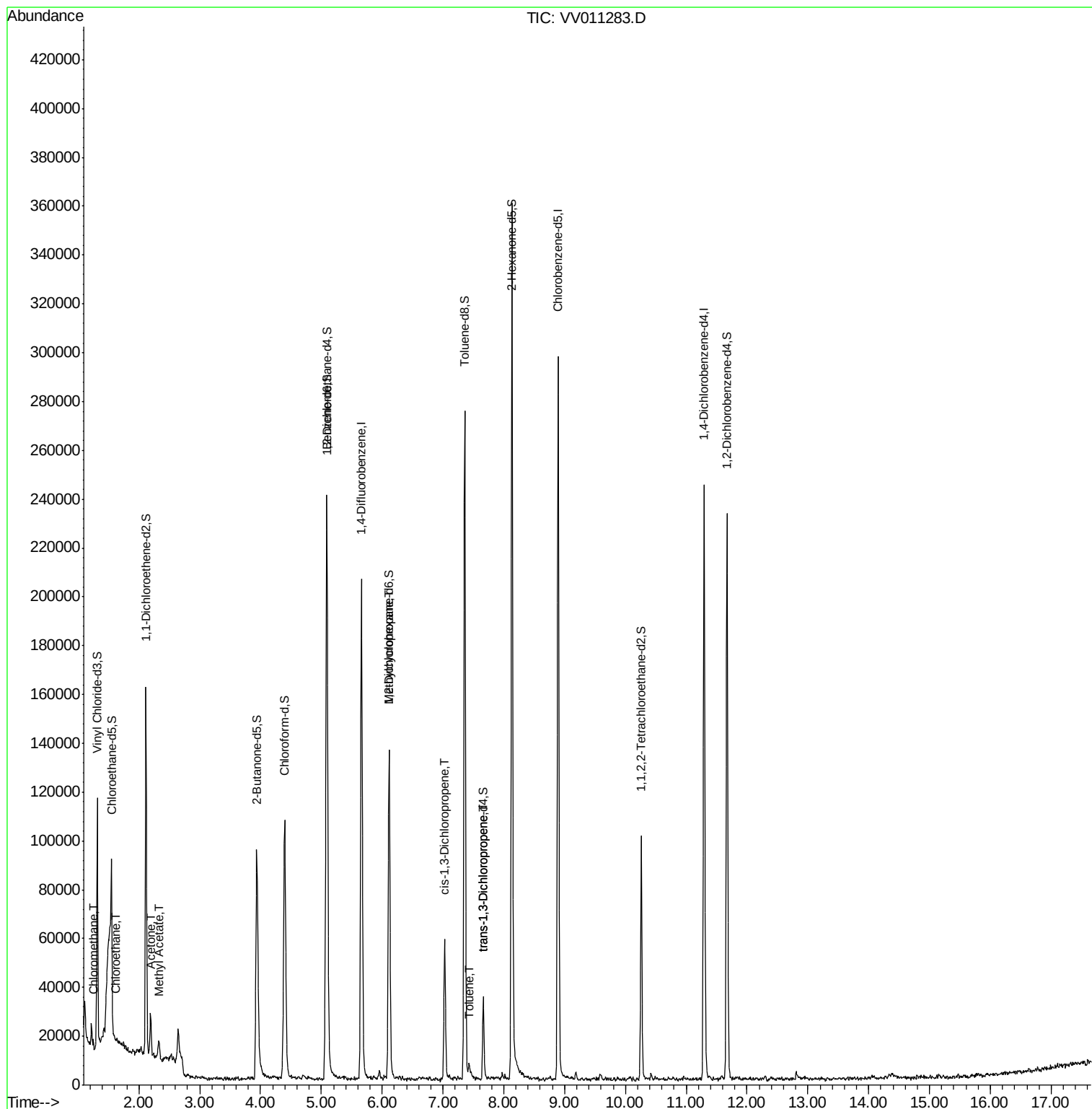
					Qvalue
3) Chloromethane	1.25	50	1417	0.094 ug/L	97
8) Chloroethane	1.62	64	1079	0.116 ug/L #	47
13) Acetone	2.19	43	12040	6.641 ug/L	99
15) Methyl Acetate	2.33	43	2443	0.507 ug/L #	59
35) Methylcyclohexane	6.12	83	14294	0.721 ug/L #	17
39) cis-1,3-Dichloropropene	7.03	75	1831	0.108 ug/L #	64
42) Toluene	7.43	91	3529	0.071 ug/L	89
44) trans-1,3-Dichloropropene	7.66	75	1251	0.097 ug/L #	82

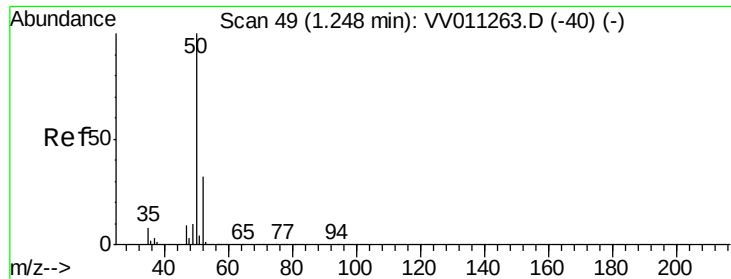
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.094 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011283.D

Acq: 07 Jun 2019 10:03

Instrument :

MSVOA_V

ClientSampleId :

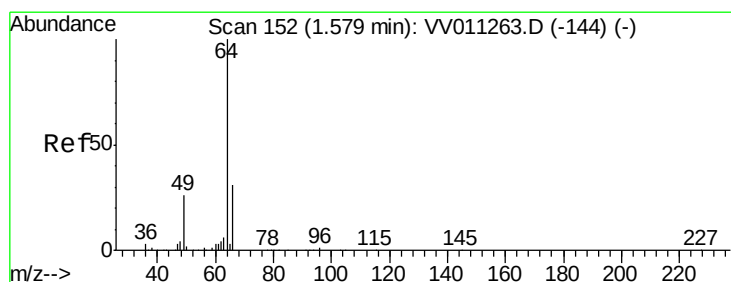
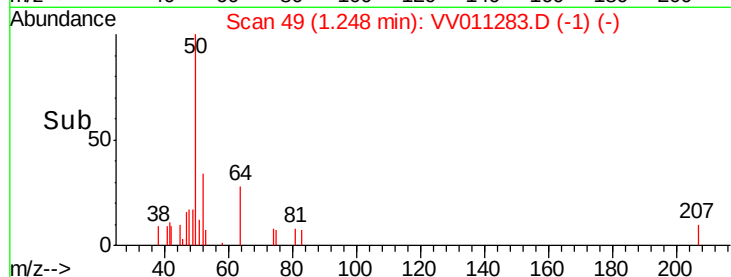
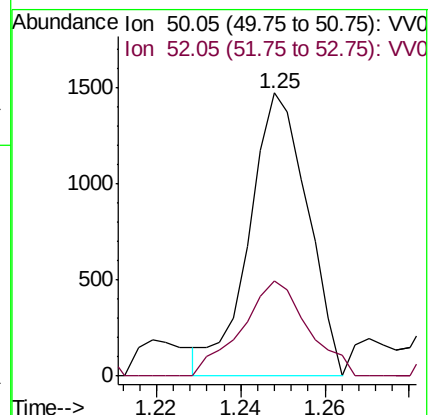
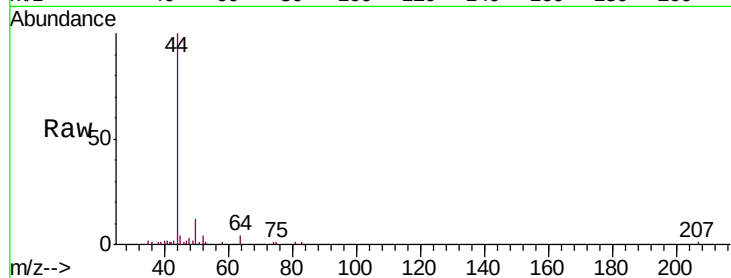
F9P06

Tgt Ion: 50 Resp: 1417

Ion Ratio Lower Upper

50 100

52 33.8 22.3 41.5



#8

Chloroethane

Concen: 0.116 ug/L

RT: 1.62 min Scan# 166

Delta R.T. 0.04 min

Lab File: VV011283.D

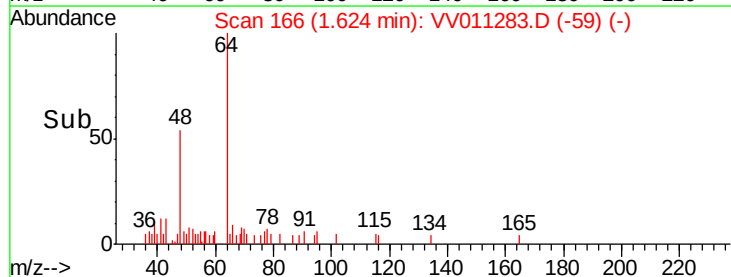
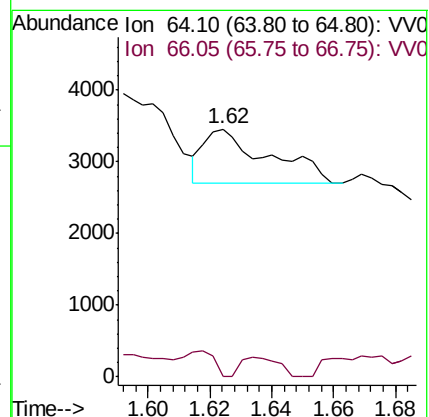
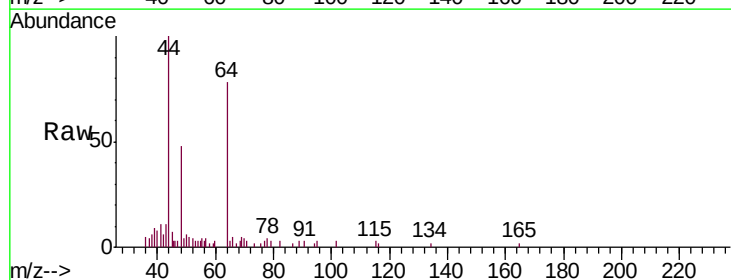
Acq: 07 Jun 2019 10:03

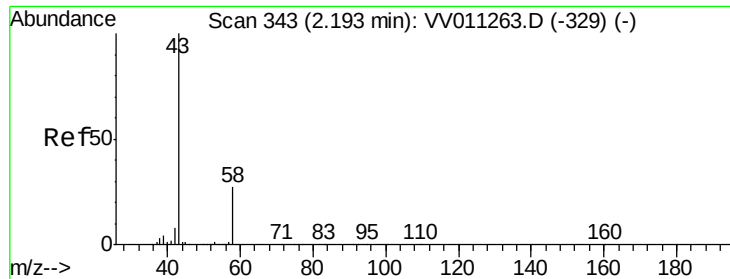
Tgt Ion: 64 Resp: 1079

Ion Ratio Lower Upper

64 100

66 0.0 19.4 36.0#





#13

Acetone

Concen: 6.641 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV011283.D

Acq: 07 Jun 2019 10:03

Instrument :

MSVOA_V

ClientSampleId :

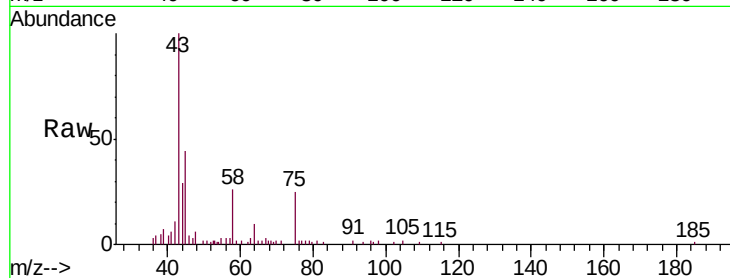
F9P06

Tgt Ion: 43 Resp: 12040

Ion Ratio Lower Upper

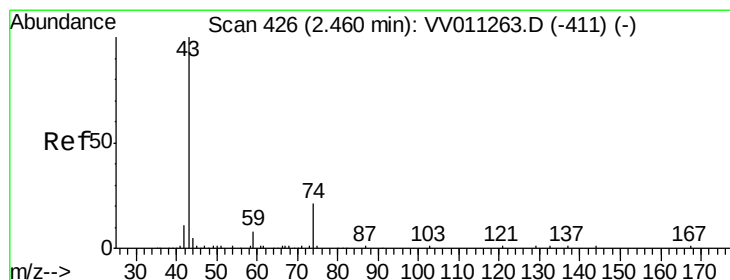
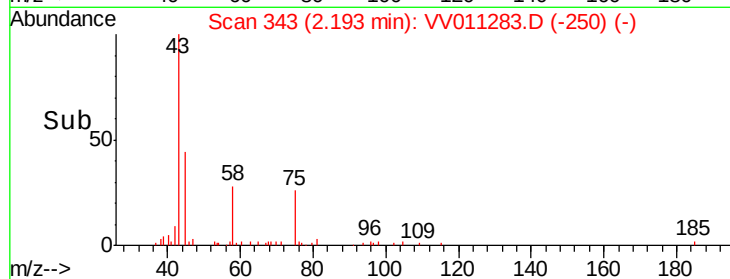
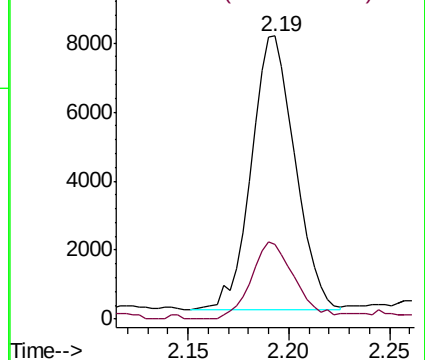
43 100

58 28.2 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.507 ug/L

RT: 2.33 min Scan# 384

Delta R.T. -0.14 min

Lab File: VV011283.D

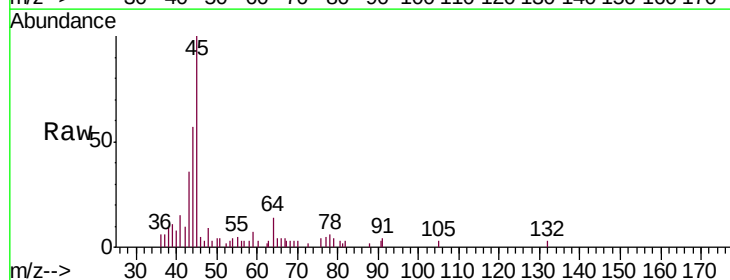
Acq: 07 Jun 2019 10:03

Tgt Ion: 43 Resp: 2443

Ion Ratio Lower Upper

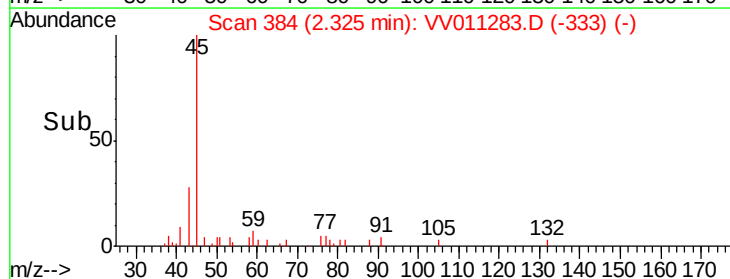
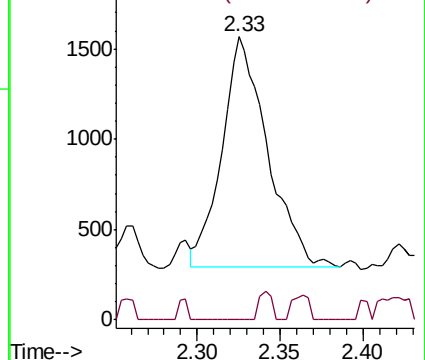
43 100

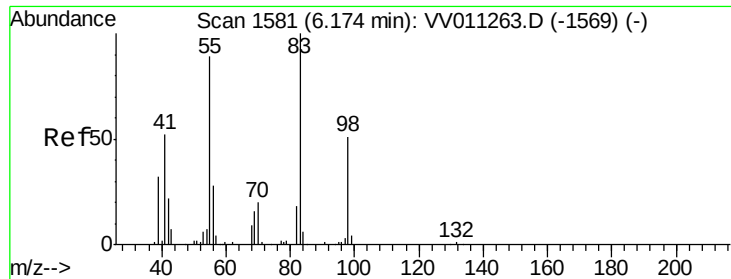
74 3.3 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

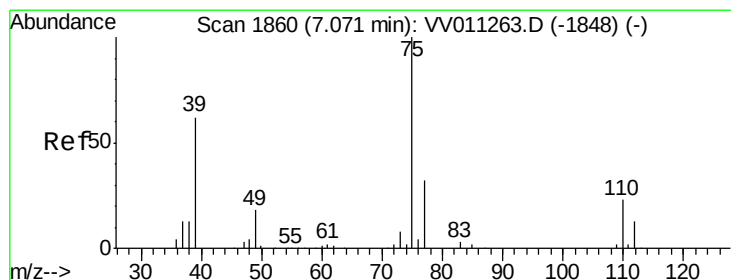
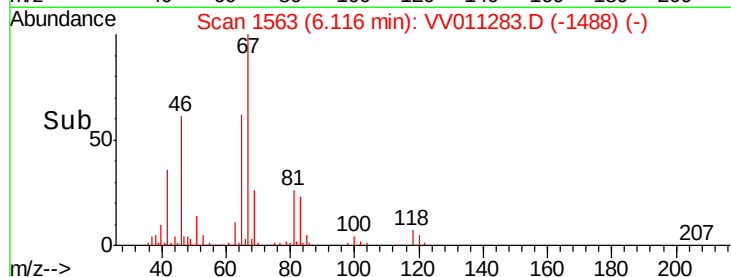
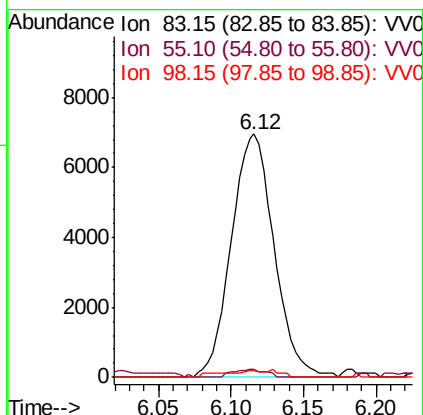
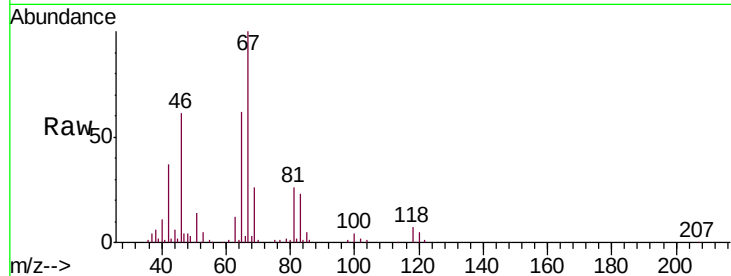




#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011283.D
Acq: 07 Jun 2019 10:03

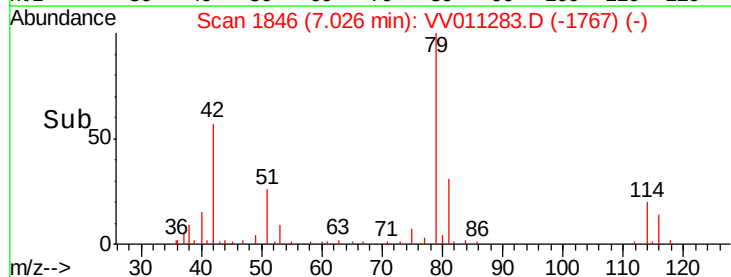
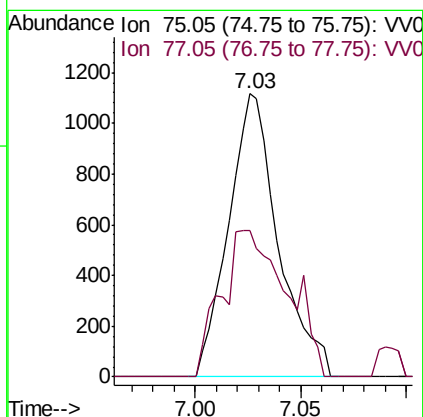
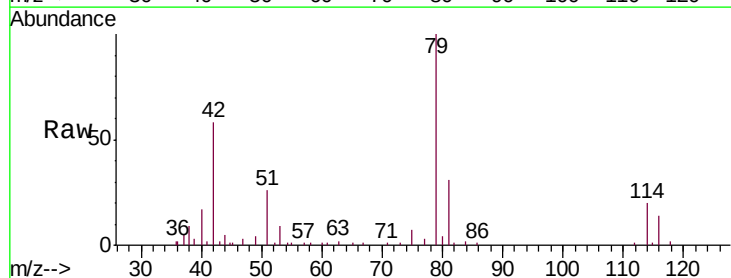
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F9P06

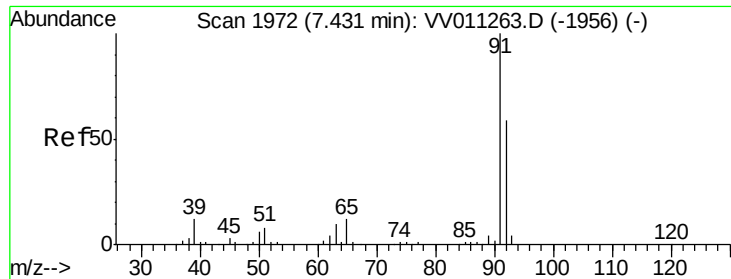
Tgt Ion: 83 Resp: 14294
Ion Ratio Lower Upper
83 100
55 2.6 67.0 100.6#
98 0.7 40.0 60.0#



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV011283.D
Acq: 07 Jun 2019 10:03

Tgt Ion: 75 Resp: 1831
Ion Ratio Lower Upper
75 100
77 51.5 22.2 41.2#





#42

Toluene

Concen: 0.071 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011283.D

Acq: 07 Jun 2019 10:03

Instrument :

MSVOA_V

ClientSampleId :

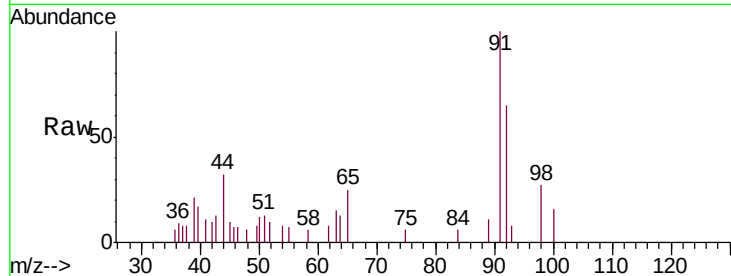
F9P06

Tgt Ion: 91 Resp: 3529

Ion Ratio Lower Upper

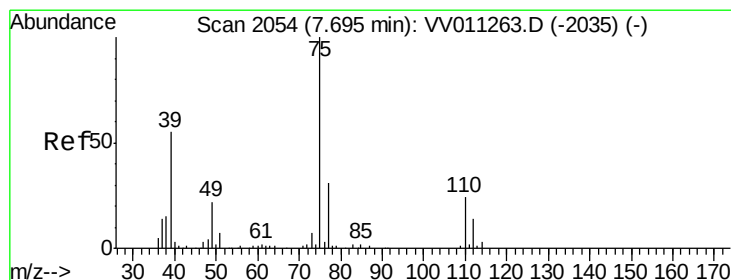
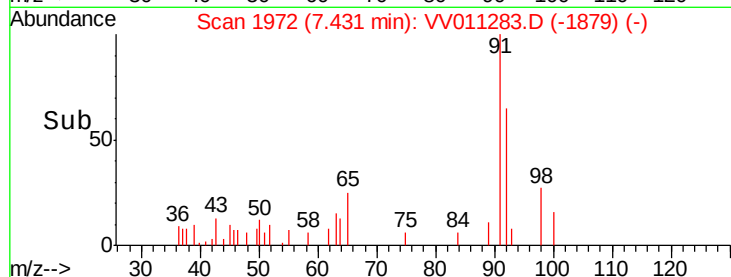
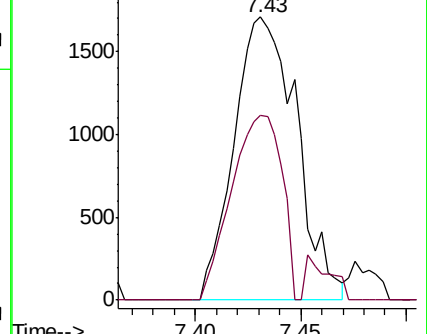
91 100

92 65.3 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: 0.097 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.04 min

Lab File: VV011283.D

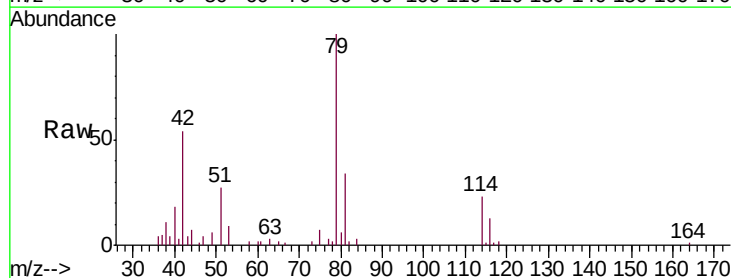
Acq: 07 Jun 2019 10:03

Tgt Ion: 75 Resp: 1251

Ion Ratio Lower Upper

75 100

77 43.2 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

