

Data File : VV011290.D
Acq On : 07 Jun 2019 16:14
Operator : SY/MD
Sample : K3228-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P09

Quant Time: Jun 08 00:44:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150374	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128502	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	48168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49378	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.57	69	43312	4.57	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.12	63	77974	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.95	46	129745	50.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	4.40	84	97642	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	54666	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	191734	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	59244	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	159777	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.66	79	16057	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.13	63	97177	50.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39151	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	48038	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

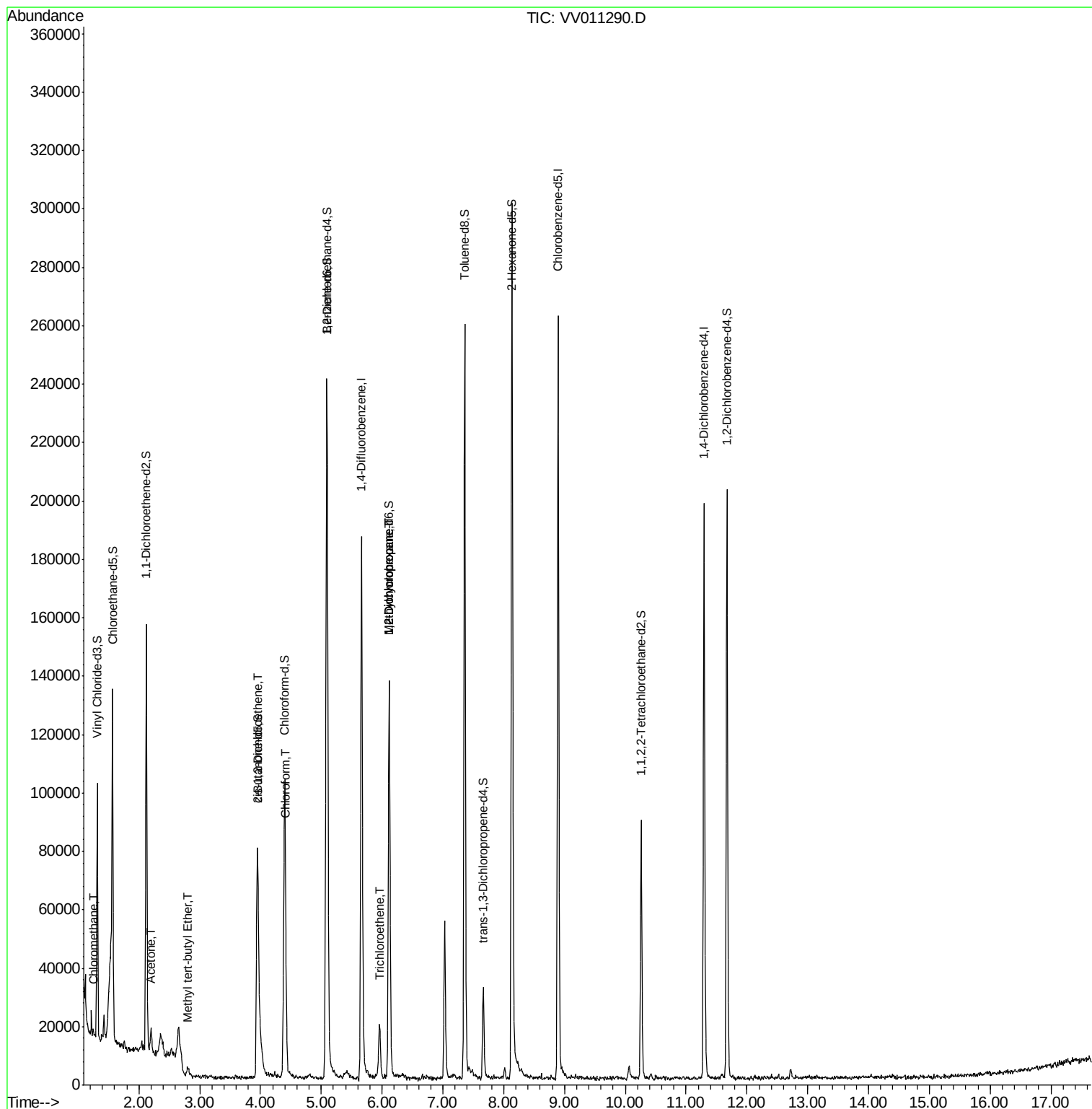
					Qvalue
3) Chloromethane	1.25	50	1779	0.124 ug/L	91
13) Acetone	2.20	43	6122	3.559 ug/L	93
17) Methyl tert-butyl Ether	2.81	73	2587	0.102 ug/L #	76
22) cis-1,2-Dichloroethene	3.96	96	1135	0.097 ug/L	72
25) Chloroform	4.42	83	1990	0.092 ug/L #	67
34) Trichloroethene	5.96	95	5923	0.561 ug/L	91
35) Methylcyclohexane	6.12	83	14765	0.845 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7422	0.729 ug/L #	87

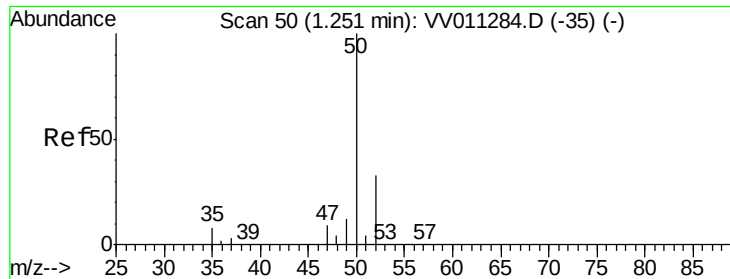
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.124 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 07 Jun 2019 16:14

Instrument :

MSVOA_V

ClientSampleId :

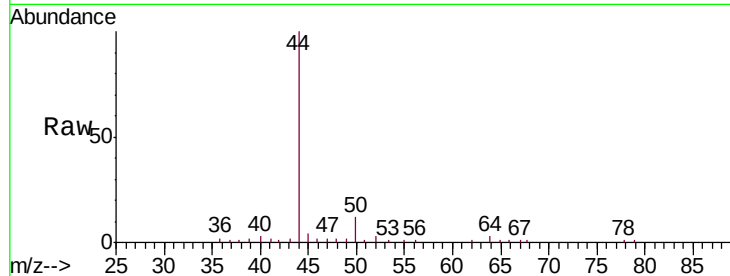
F9P09

Tgt Ion: 50 Resp: 1779

Ion Ratio Lower Upper

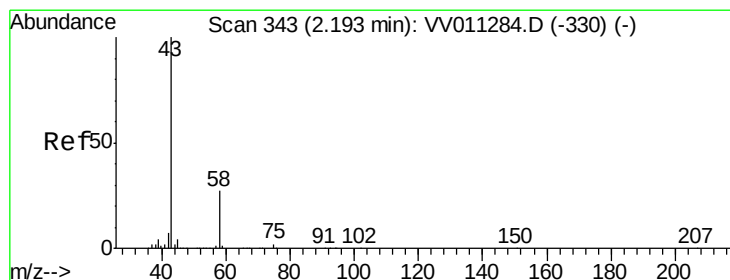
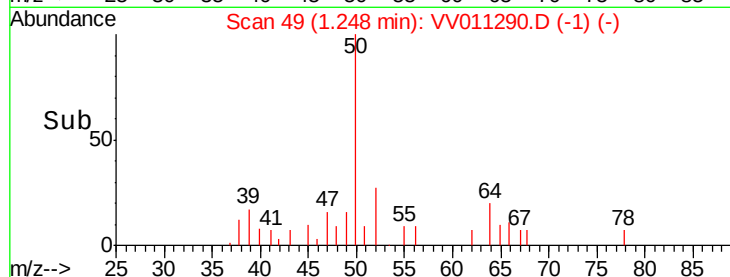
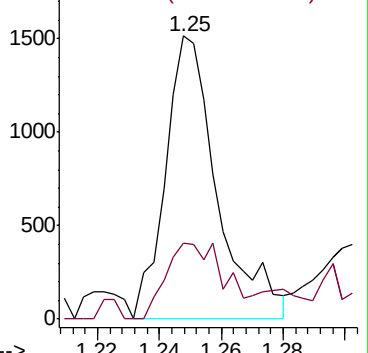
50 100

52 27.1 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011284.D (-35) (-)

Ion 52.05 (51.75 to 52.75): VV011290.D (-1) (-)



#13

Acetone

Concen: 3.559 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV011290.D

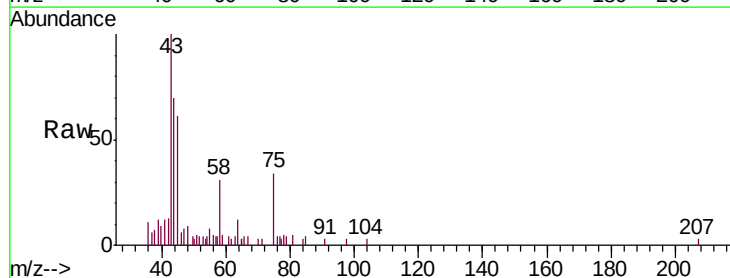
Acq: 07 Jun 2019 16:14

Tgt Ion: 43 Resp: 6122

Ion Ratio Lower Upper

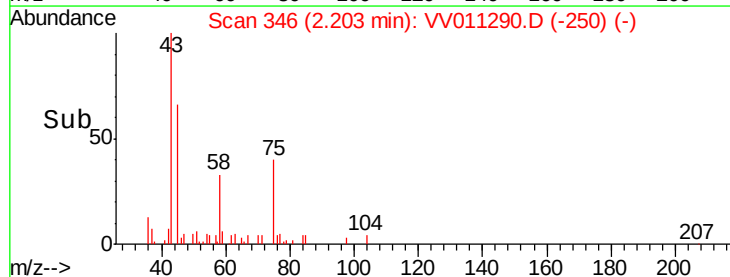
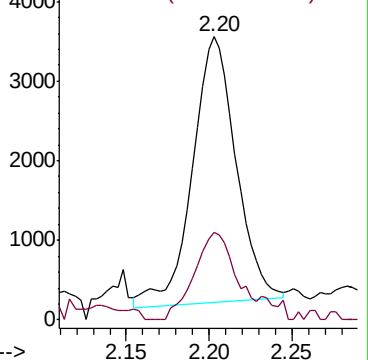
43 100

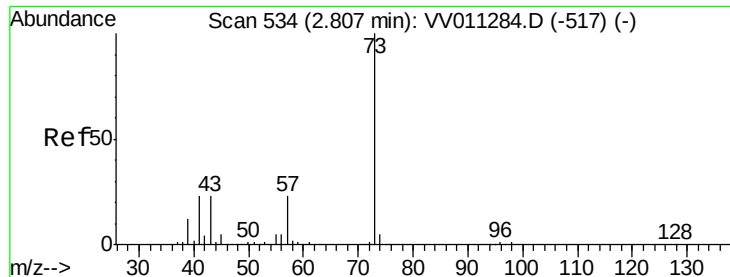
58 31.2 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011284.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV011290.D (-250) (-)





#17

Methyl tert-butyl Ether

Concen: 0.102 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV011290.D

Acq: 07 Jun 2019 16:14

Instrument :

MSVOA_V

ClientSampled :

F9P09

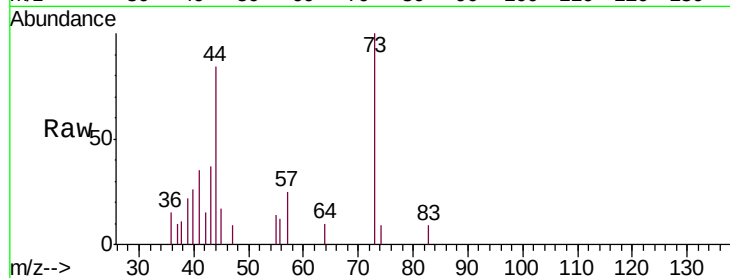
Tgt Ion: 73 Resp: 2587

Ion Ratio Lower Upper

73 100

43 43.2 18.7 28.1#

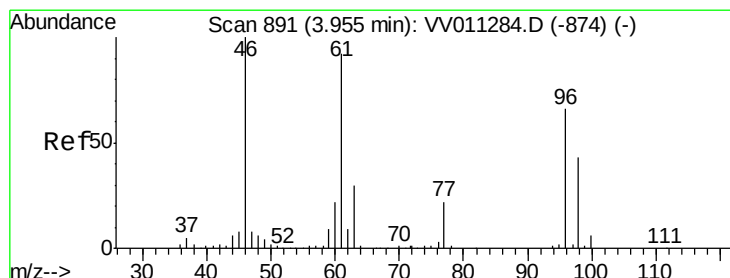
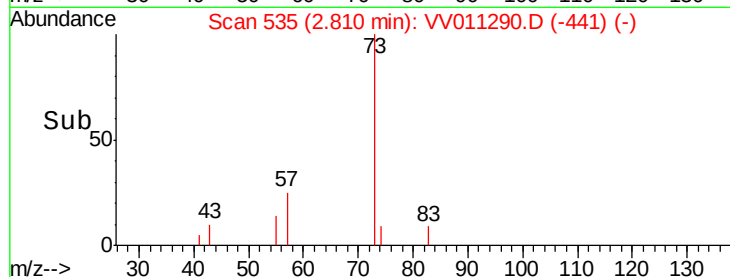
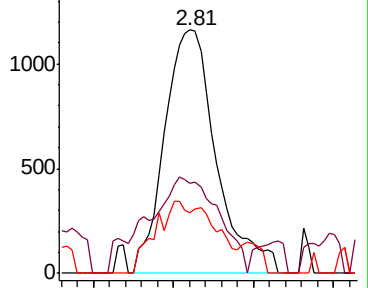
57 19.7 18.1 27.1



Abundance Ion 73.10 (72.80 to 73.80): VV011284.D (-517) (-)

Ion 43.05 (42.75 to 43.75): VV011284.D (-517) (-)

Ion 57.10 (56.80 to 57.80): VV011284.D (-517) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.097 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV011290.D

Acq: 07 Jun 2019 16:14

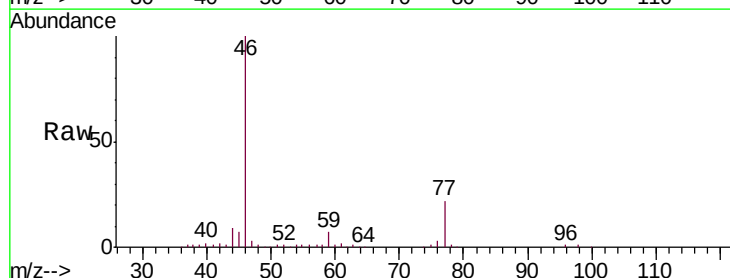
Tgt Ion: 96 Resp: 1135

Ion Ratio Lower Upper

96 100

61 109.8 100.8 187.2

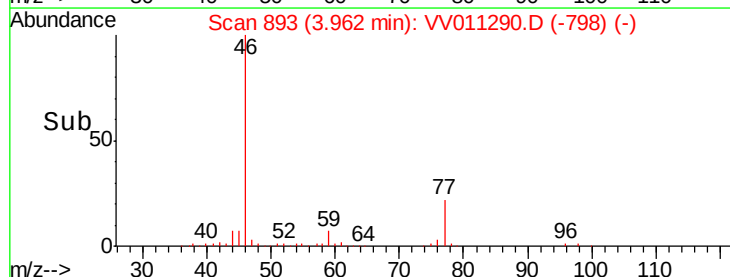
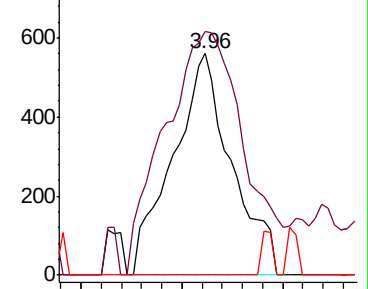
68 0.0 0.0 0.0

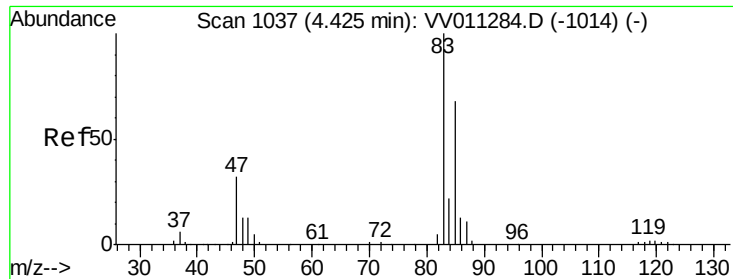


Abundance Ion 96.00 (95.70 to 96.70): VV011284.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV011284.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV011284.D (-874) (-)

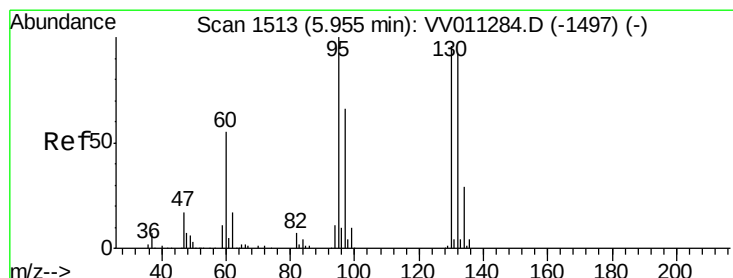
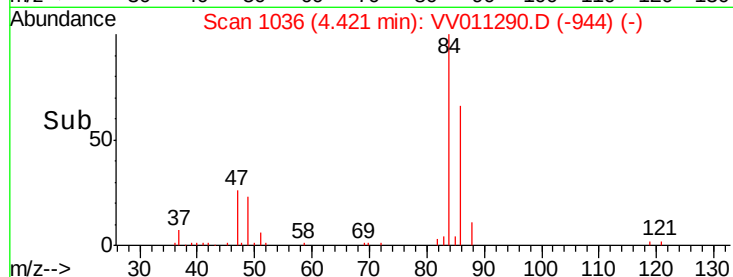
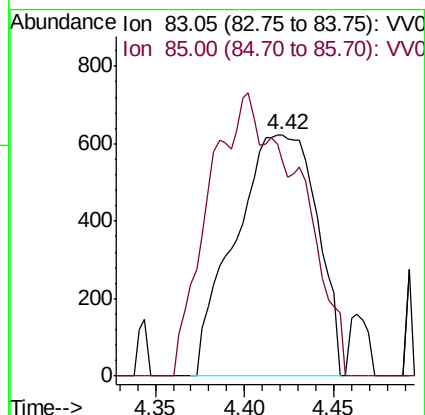
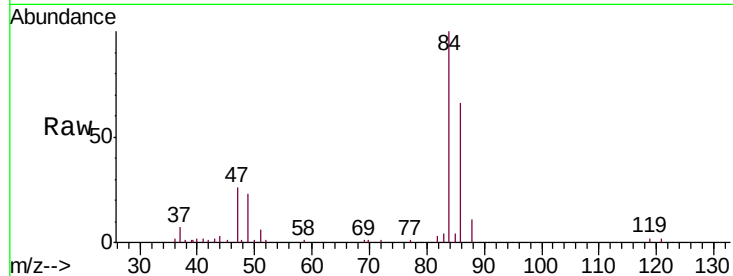




#25
Chloroform
Concen: 0.092 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011290.D
Acq: 07 Jun 2019 16:14

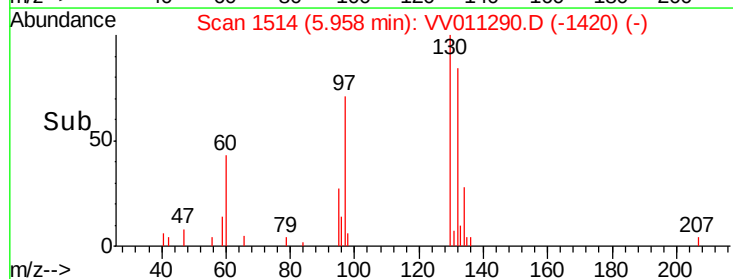
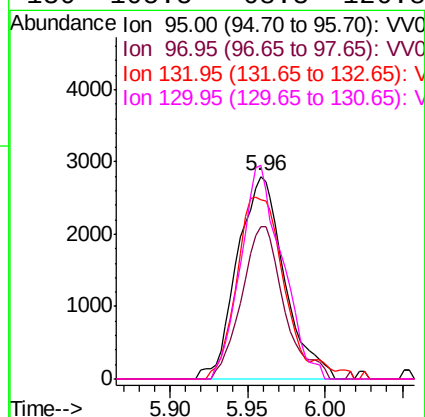
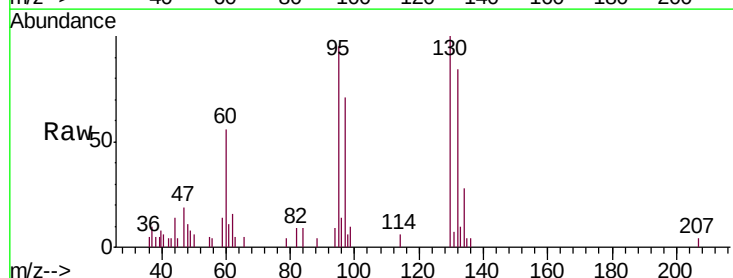
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F9P09

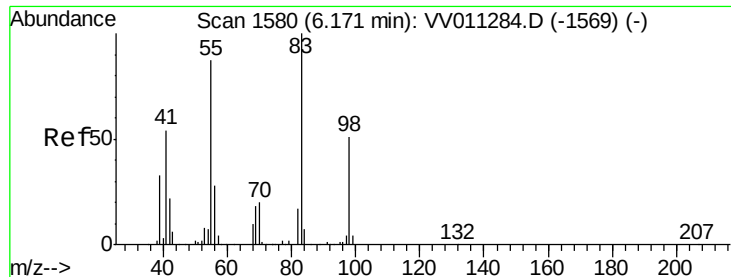
Tgt Ion: 83 Resp: 1990
Ion Ratio Lower Upper
83 100
85 88.6 44.1 81.9#



#34
Trichloroethene
Concen: 0.561 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011290.D
Acq: 07 Jun 2019 16:14

Tgt Ion: 95 Resp: 5923
Ion Ratio Lower Upper
95 100
97 75.4 45.8 85.2
132 88.7 66.4 123.2
130 105.5 68.3 126.8

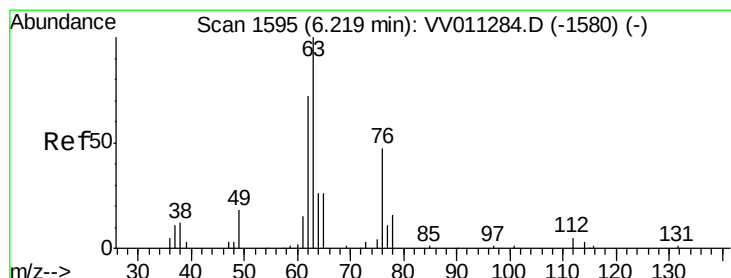
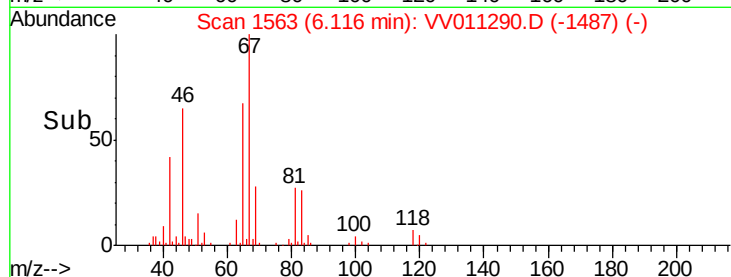
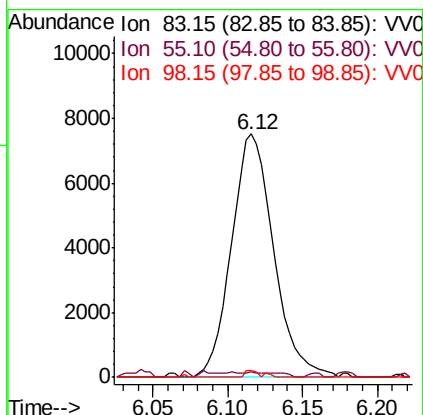
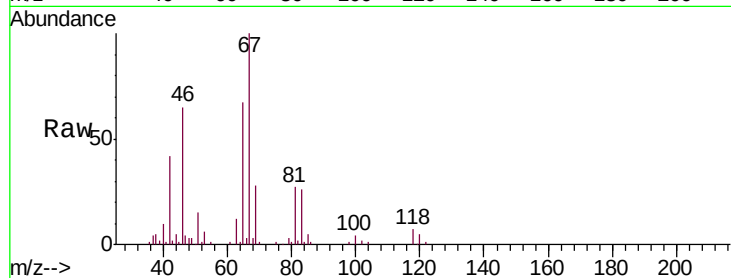




#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011290.D
Acq: 07 Jun 2019 16:14

Instrument :
MSVOA_V
ClientSampled :
F9P09

Tgt Ion: 83 Resp: 14765
Ion Ratio Lower Upper
83 100
55 0.2 67.0 100.6#
98 0.8 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.729 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011290.D
Acq: 07 Jun 2019 16:14

Tgt Ion: 63 Resp: 7422
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#

