

Data File : VV011277.D
Acq On : 07 Jun 2019 07:20
Operator : SY/MD
Sample : K3228-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P00

Quant Time: Jun 07 08:15:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154993	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143799	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60766	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53527	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.56	69	43465	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.12	63	85615	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.94	46	156454	59.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	4.40	84	102492	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	58828	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	206862	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.11	67	64064	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	182584	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	19320	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.13	63	124348	58.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47050	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	61628	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

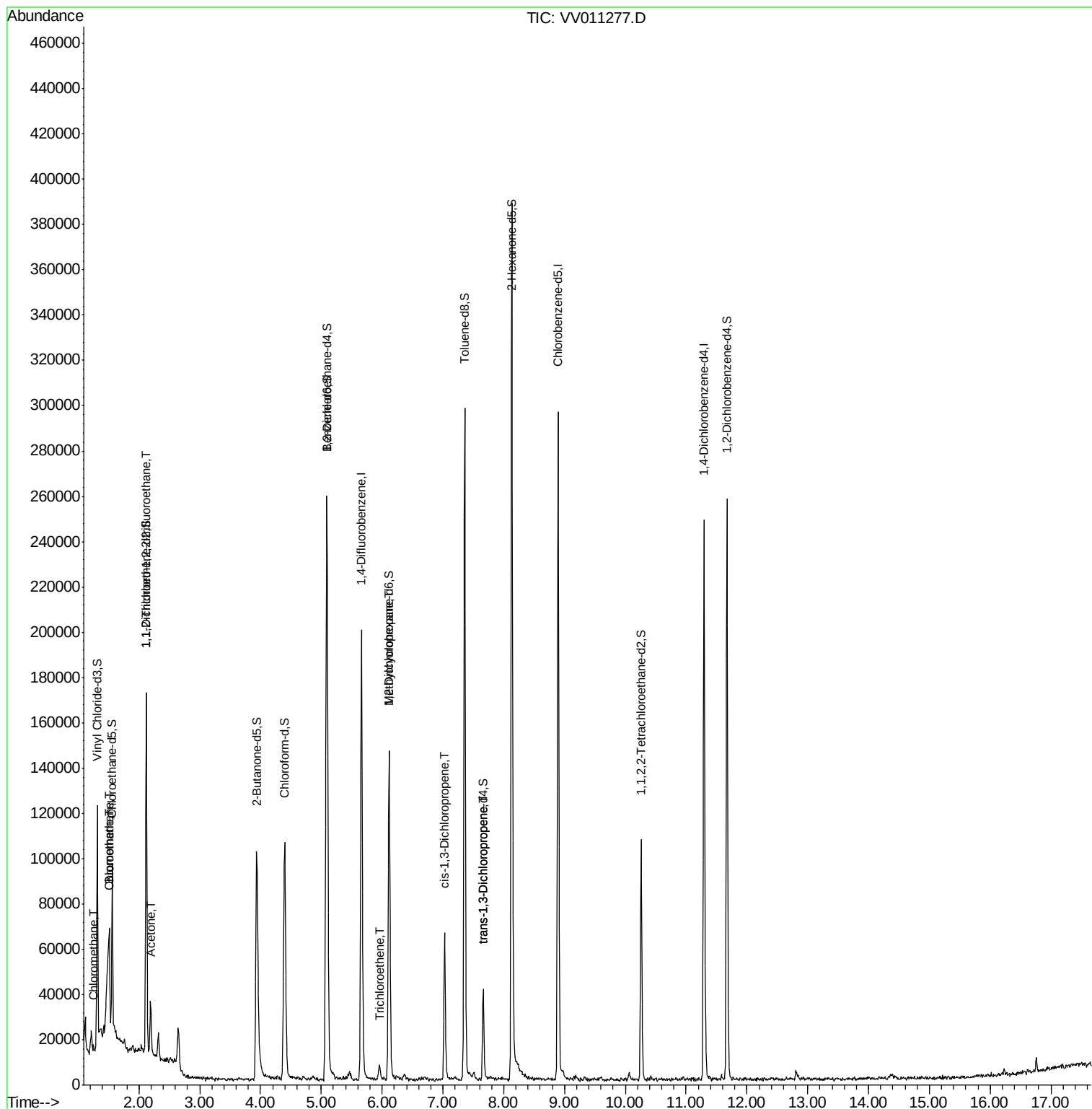
						Qvalue
3) Chloromethane	1.25	50	1790	0.121	ug/L	94
6) Bromomethane	1.51	94	1208	0.163	ug/L	86
8) Chloroethane	1.50	64	11992	1.316	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	940	0.094	ug/L #	26
13) Acetone	2.19	43	11366	6.411	ug/L	95
34) Trichloroethene	5.96	95	1021	0.086	ug/L	88
35) Methylcyclohexane	6.12	83	15729	0.805	ug/L #	17
39) cis-1,3-Dichloropropene	7.02	75	1928	0.116	ug/L #	50
44) trans-1,3-Dichloropropene	7.66	75	1250	0.099	ug/L	99

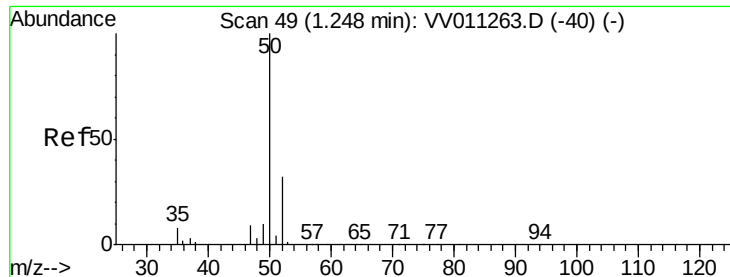
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 07 Jun 2019 07:20

Instrument :

MSVOA_V

ClientSampleId :

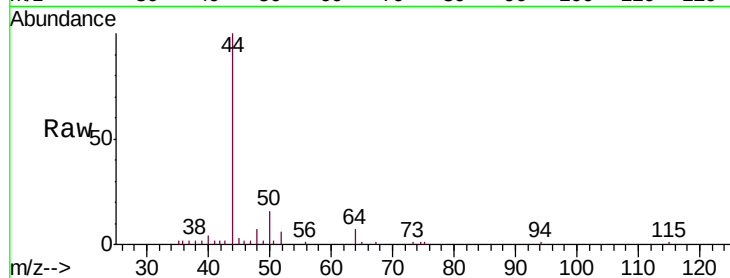
F9P00

Tgt Ion: 50 Resp: 1790

Ion Ratio Lower Upper

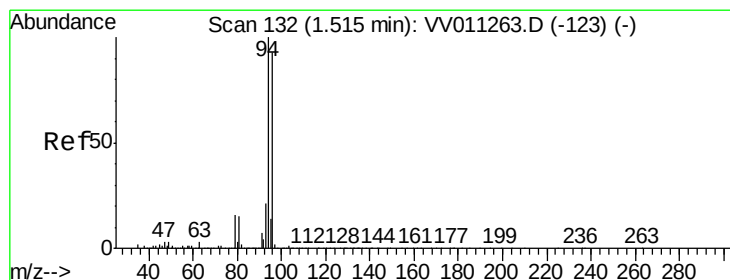
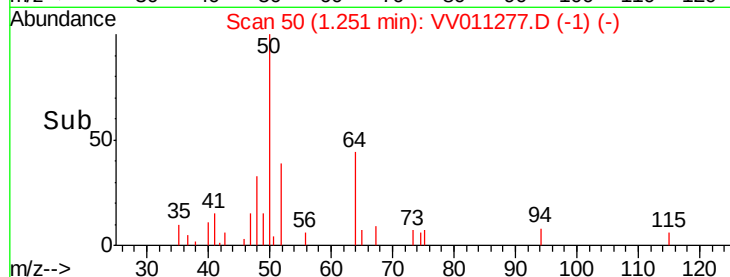
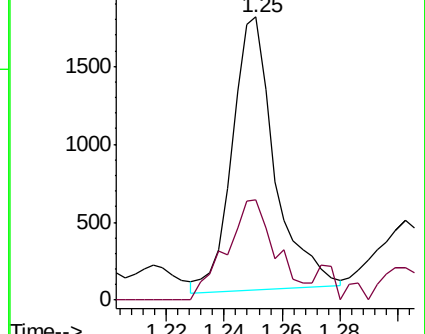
50 100

52 35.2 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.163 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.00 min

Lab File: VV011277.D

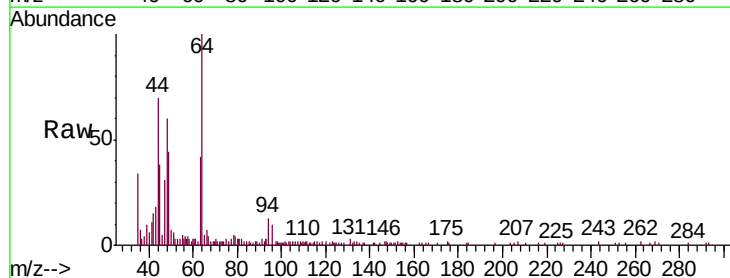
Acq: 07 Jun 2019 07:20

Tgt Ion: 94 Resp: 1208

Ion Ratio Lower Upper

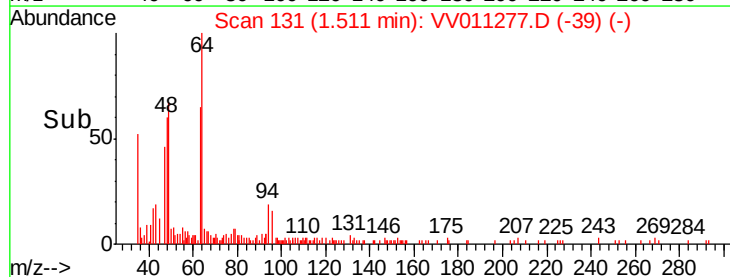
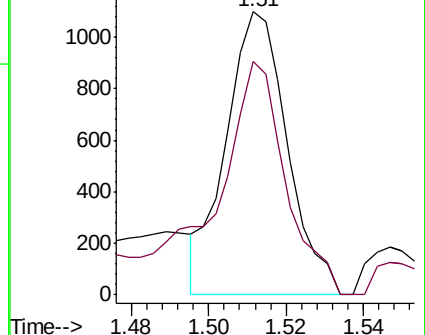
94 100

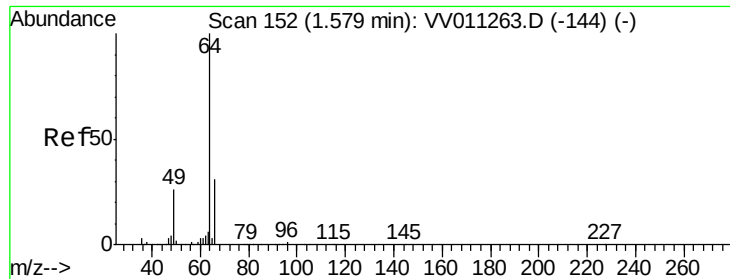
96 82.3 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 1.316 ug/L

RT: 1.50 min Scan# 127

Delta R.T. -0.08 min

Lab File: VV011277.D

Acq: 07 Jun 2019 07:20

Instrument :

MSVOA_V

ClientSampled :

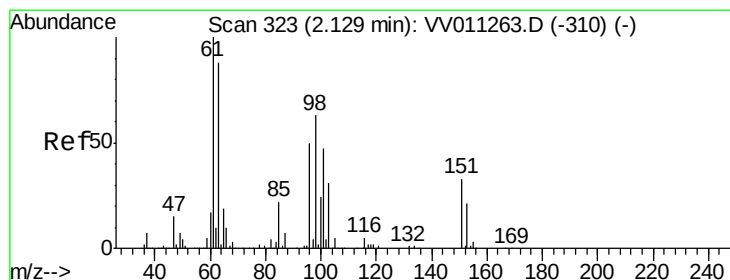
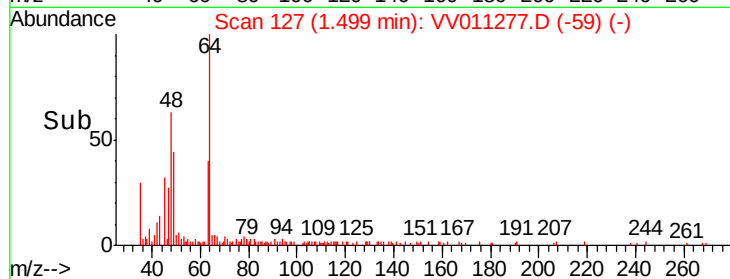
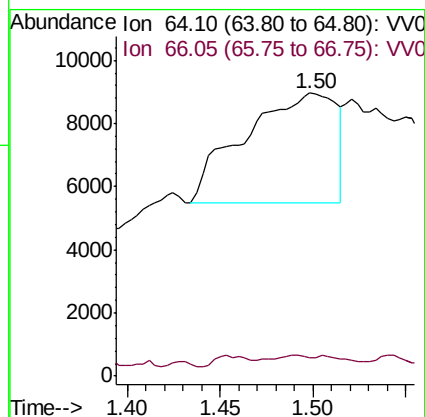
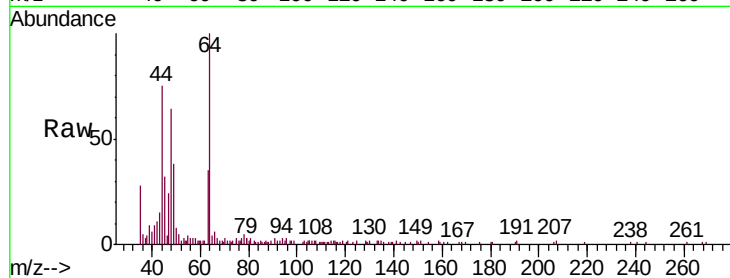
F9P00

Tgt Ion: 64 Resp: 11992

Ion Ratio Lower Upper

64 100

66 6.5 19.4 36.0#



#10

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

Concen: 0.094 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011277.D

Acq: 07 Jun 2019 07:20

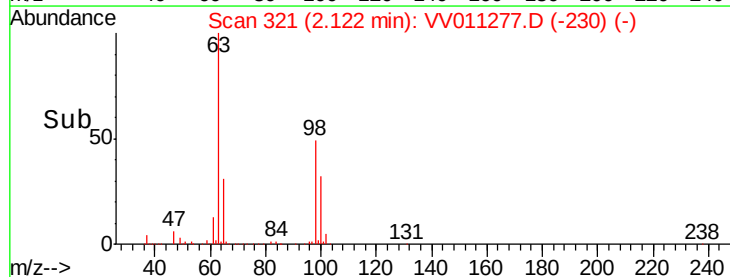
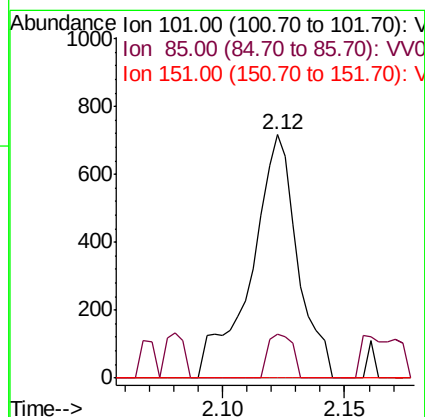
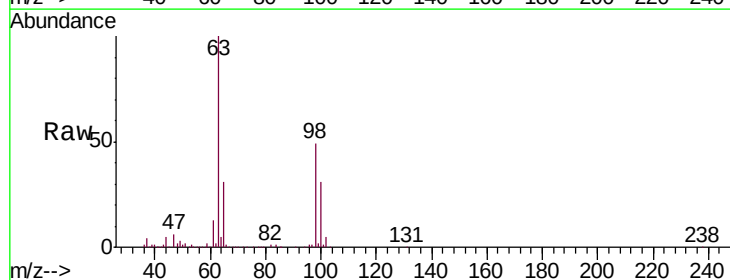
Tgt Ion: 101 Resp: 940

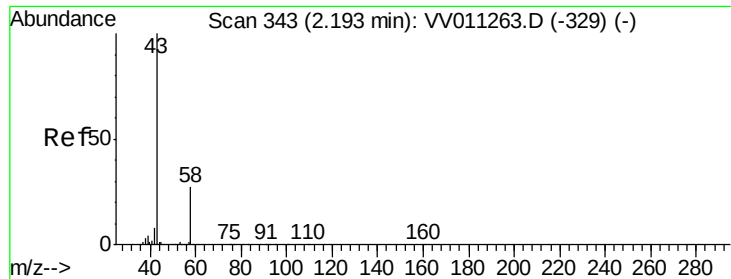
Ion Ratio Lower Upper

101 100

85 9.6 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 6.411 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV011277.D

Acq: 07 Jun 2019 07:20

Instrument :

MSVOA_V

ClientSampleId :

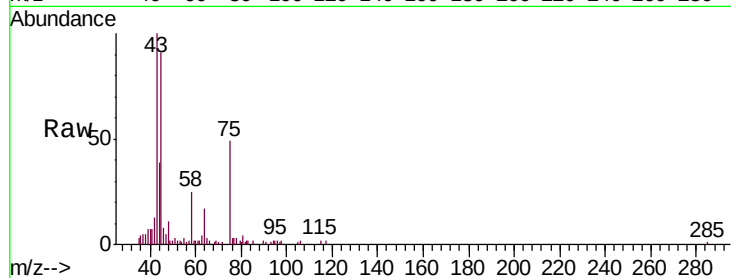
F9P00

Tgt Ion: 43 Resp: 11366

Ion Ratio Lower Upper

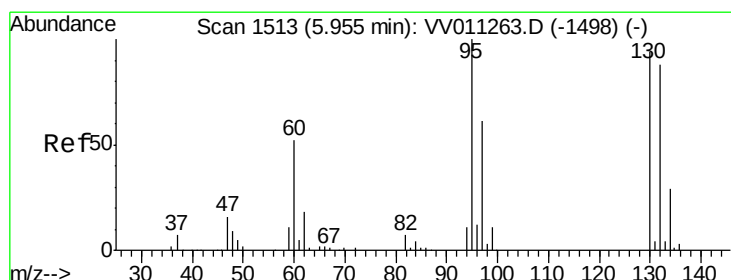
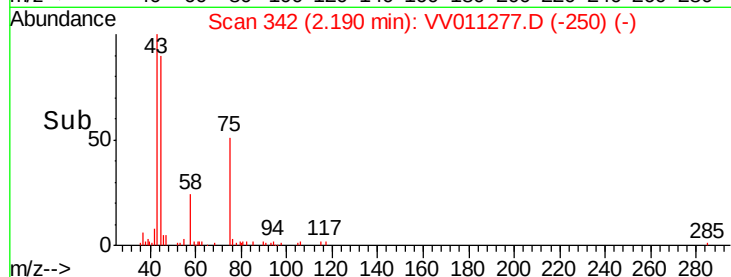
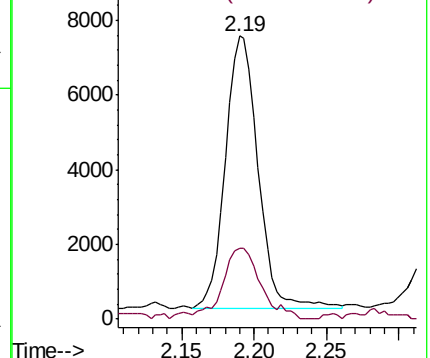
43 100

58 30.4 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011263.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VV011263.D (-329) (-)



#34

Trichloroethene

Concen: 0.086 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011277.D

Acq: 07 Jun 2019 07:20

Tgt Ion: 95 Resp: 1021

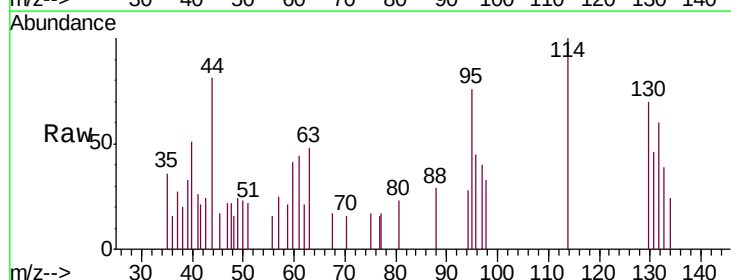
Ion Ratio Lower Upper

95 100

97 52.7 45.8 85.2

132 78.7 66.4 123.2

130 92.6 68.3 126.8

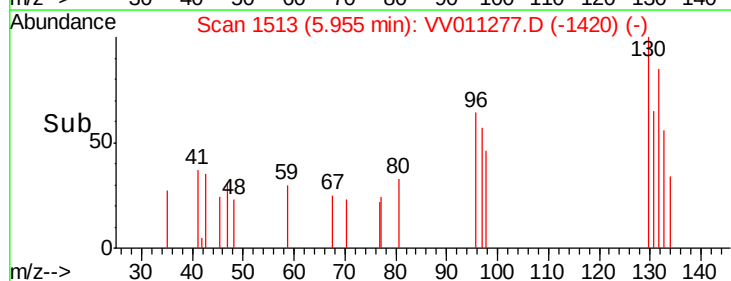
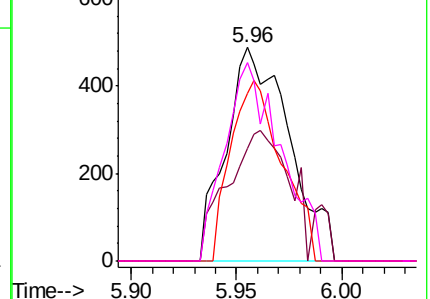


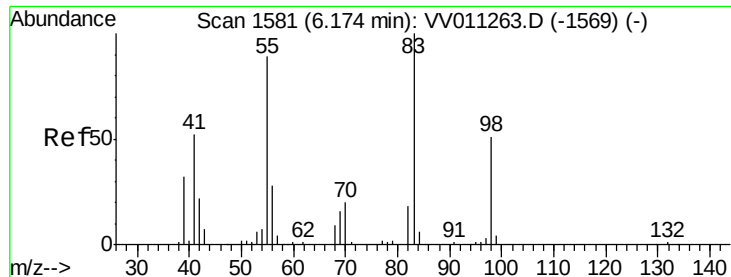
Abundance Ion 95.00 (94.70 to 95.70): VV011263.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011263.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011263.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011263.D (-1498) (-)

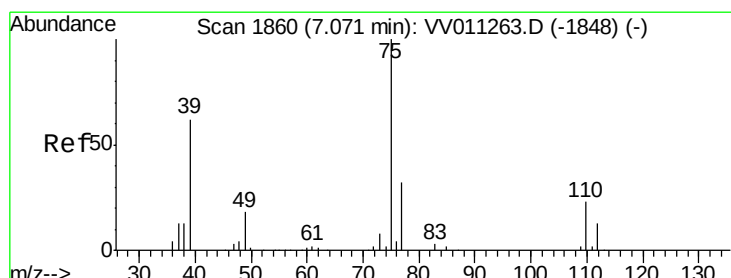
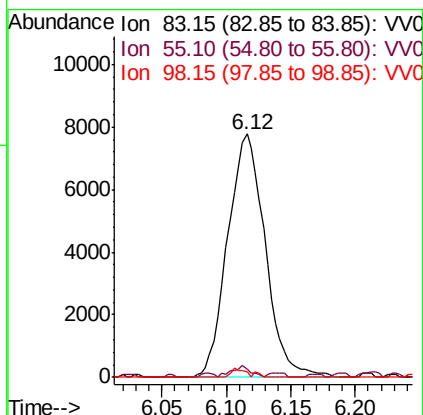
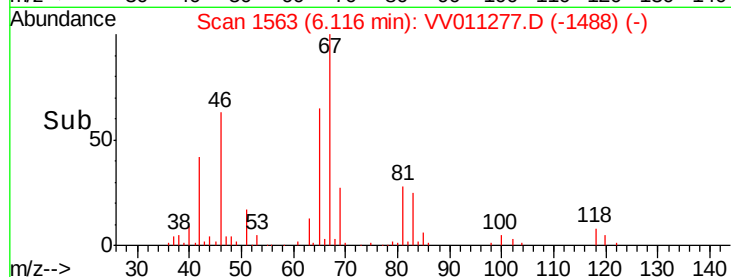
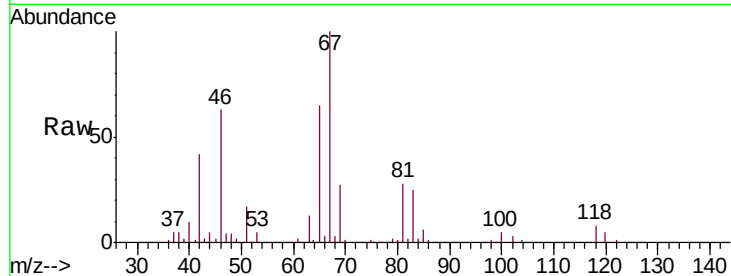




#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011277.D
Acq: 07 Jun 2019 07:20

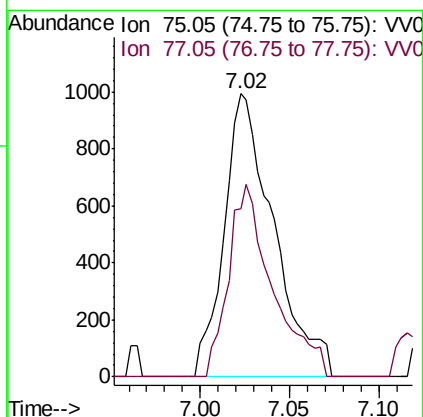
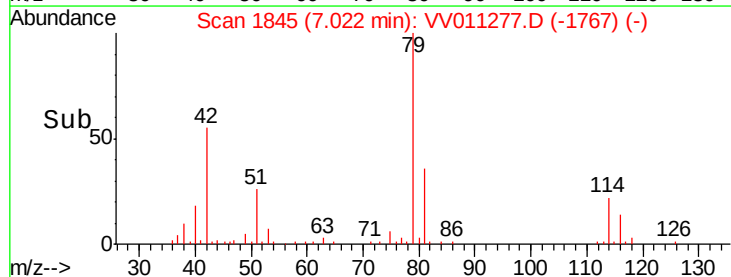
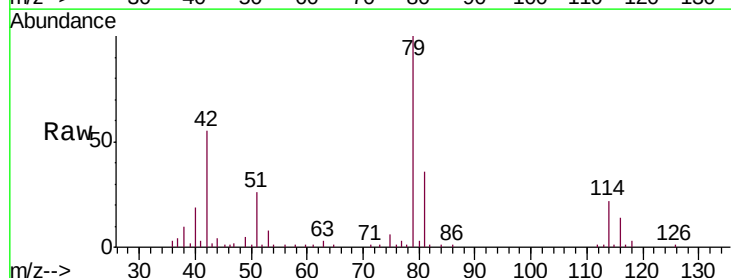
Instrument :
MSVOA_V
ClientSampleId :
F9P00

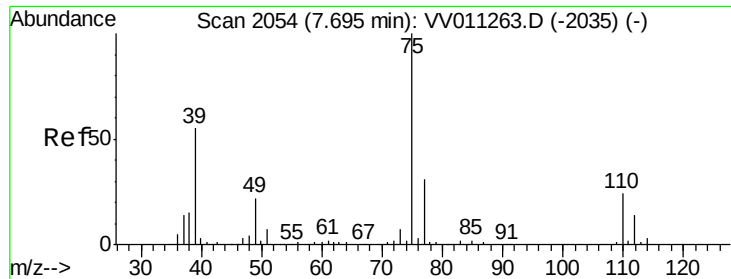
Tgt Ion: 83 Resp: 15729
Ion Ratio Lower Upper
83 100
55 2.4 67.0 100.6#
98 0.4 40.0 60.0#



#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV011277.D
Acq: 07 Jun 2019 07:20

Tgt Ion: 75 Resp: 1928
Ion Ratio Lower Upper
75 100
77 59.4 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011277.D

Acq: 07 Jun 2019 07:20

Instrument :

MSVOA_V

ClientSampleId :

F9P00

Tgt Ion: 75 Resp: 1250

Ion Ratio Lower Upper

75 100

77 33.3 23.1 42.9

