

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017925.D
 Acq On : 12 Aug 2020 14:03
 Operator : SY/MD
 Sample : L3644-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L29

Quant Time: Aug 13 04:37:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	260169	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	249965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93217	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.92%
7) Chloroethane-d5	1.58	69	78941	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.22%
11) 1,1-Dichloroethene-d2	2.12	63	138578	36.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.00%
21) 2-Butanone-d5	3.91	46	127032	97.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.71%
24) Chloroform-d	4.38	84	171475	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
26) 1,2-Dichloroethane-d4	5.06	65	118192	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.07	84	345840	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.09	67	113144	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.48%
41) Toluene-d8	7.34	98	303577	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.64	79	48542	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.11	63	67662	93.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140317	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	116969	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

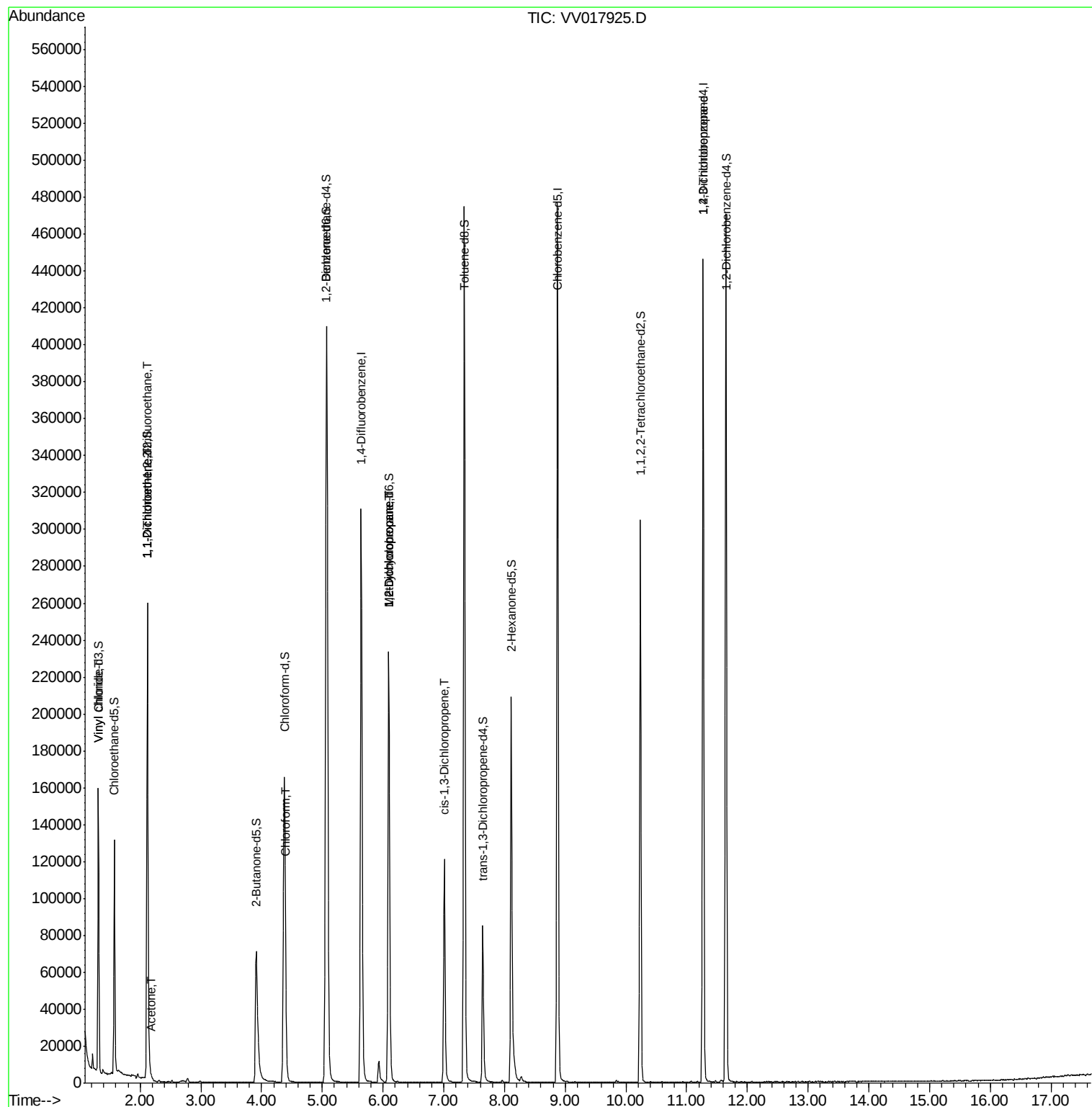
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1631	0.706	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1246	0.676	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1214	0.696	ug/L #	1
13) Acetone	2.20	43	1664	1.239	ug/L	83
25) Chloroform	4.40	83	2577	0.700	ug/L	91
35) Methylcyclohexane	6.09	83	26990	8.879	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	12355	5.858	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2879	0.963	ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	13246	5.086	ug/L	91

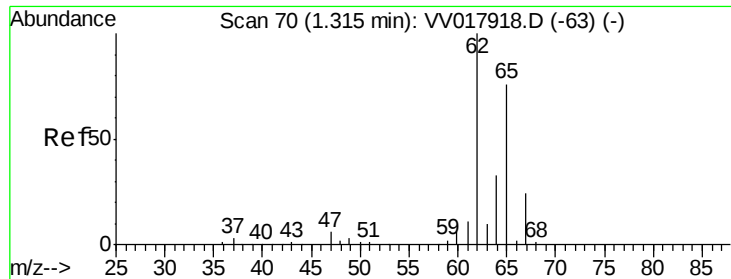
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.706 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017925.D

Acq: 12 Aug 2020 14:03

Instrument :

MSVOA_V

ClientSampleId :

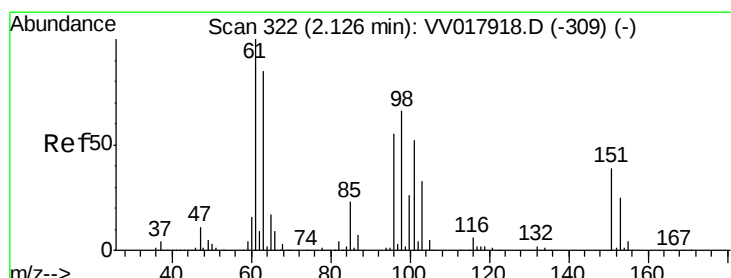
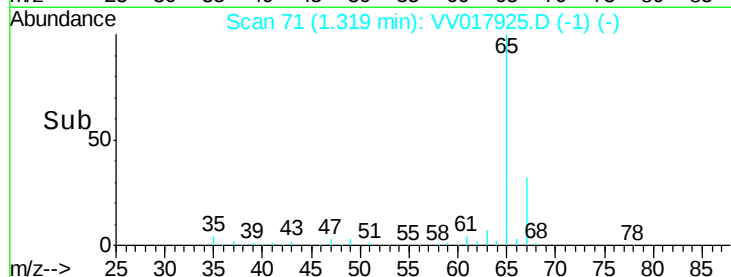
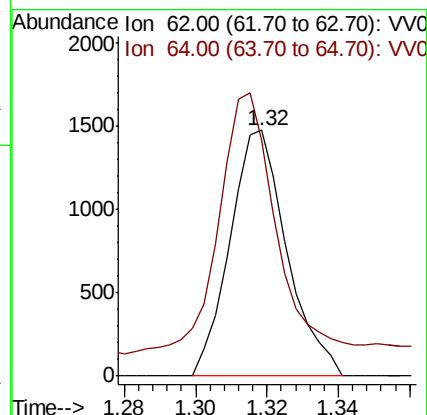
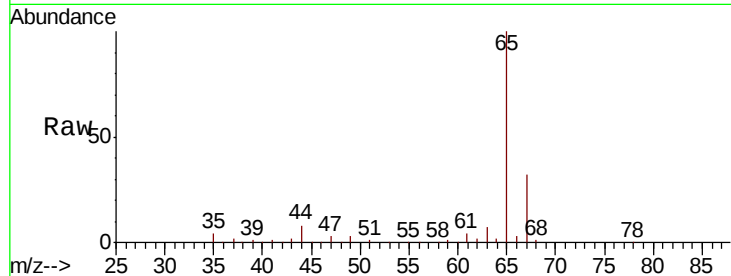
F4L29

Tot Ion: 62 Resp: 1631

Ion Ratio Lower Upper

62 100

64 95.7 22.4 41.6#



#10

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

Concen: 0.676 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017925.D

Acq: 12 Aug 2020 14:03

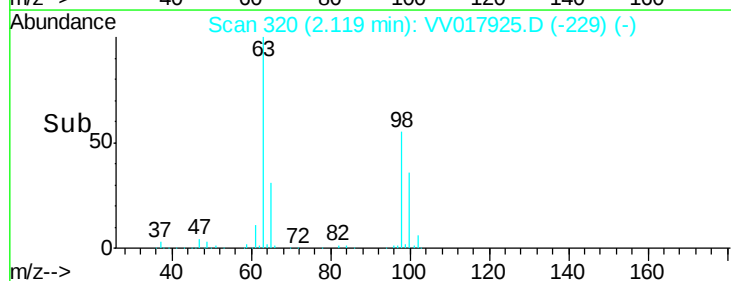
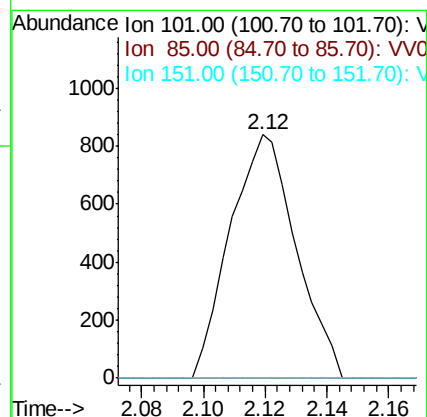
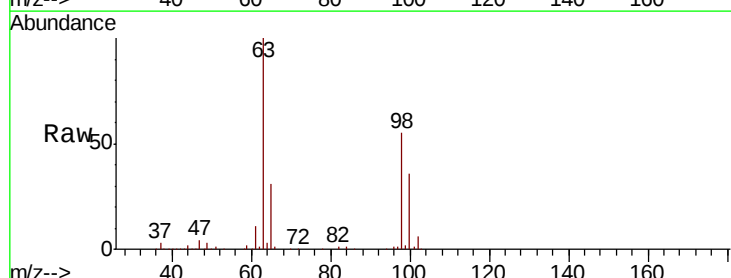
Tgt Ion: 101 Resp: 1246

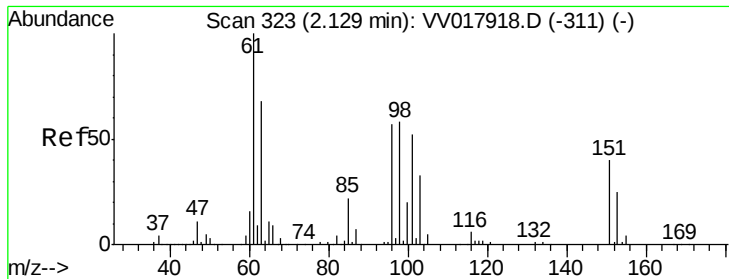
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#

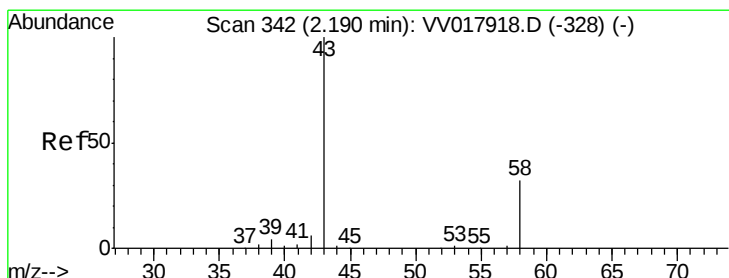
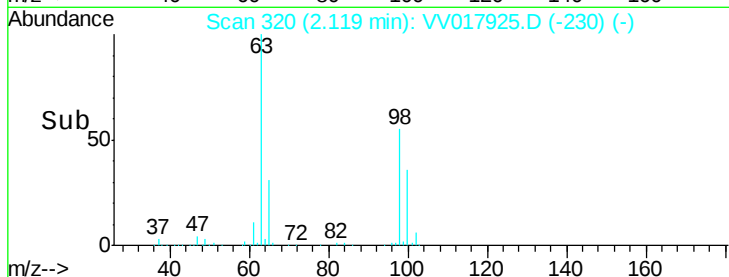
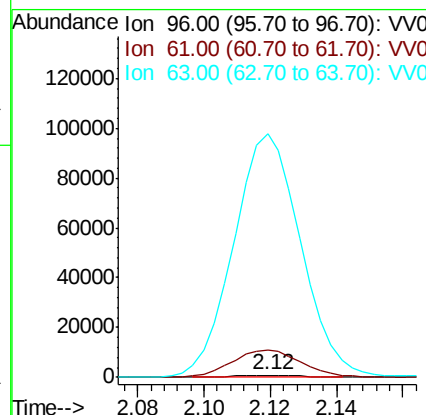
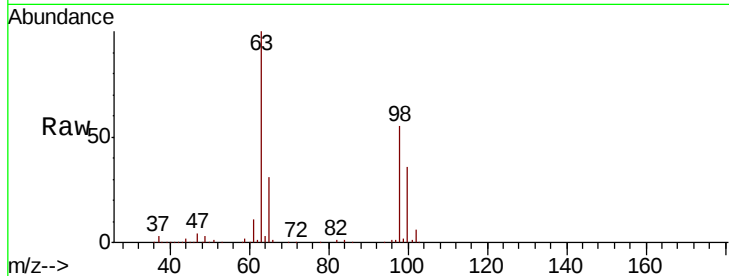




#12
 1,1-Dichloroethene
 Concen: 0.696 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV017925.D
 Acq: 12 Aug 2020 14:03

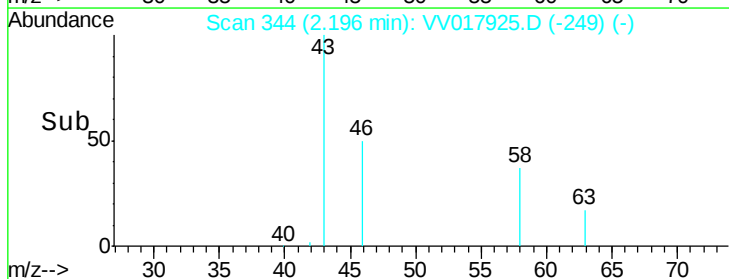
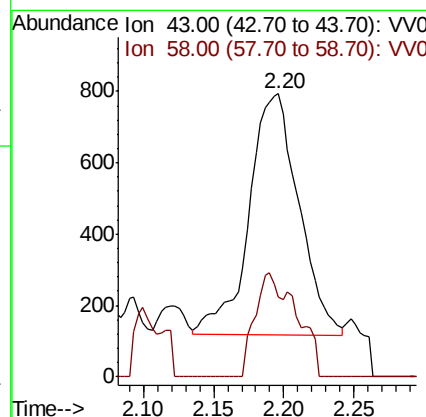
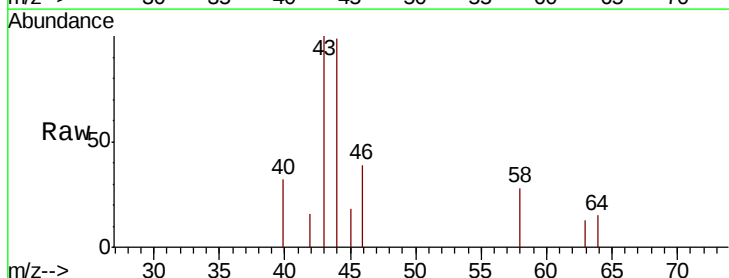
Instrument :
 MSVOA_V
 ClientSampled :
 F4L29

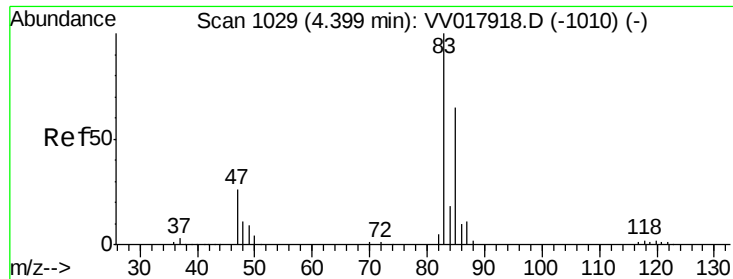
Tot Ion: 96 Resp: 1214
 Ion Ratio Lower Upper
 96 100
 61 1458.4 127.1 236.0#
 63 12862.1 95.2 176.8#



#13
 Acetone
 Concen: 1.239 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. 0.01 min
 Lab File: VV017925.D
 Acq: 12 Aug 2020 14:03

Tgt Ion: 43 Resp: 1664
 Ion Ratio Lower Upper
 43 100
 58 22.5 0.0 63.6

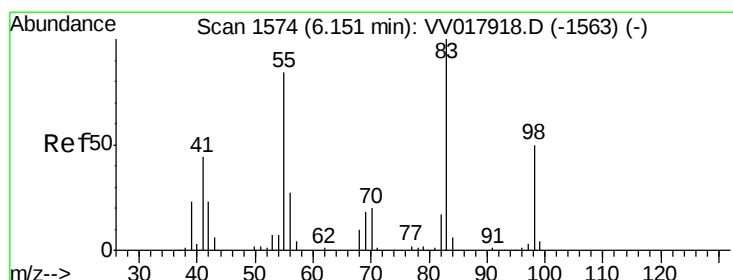
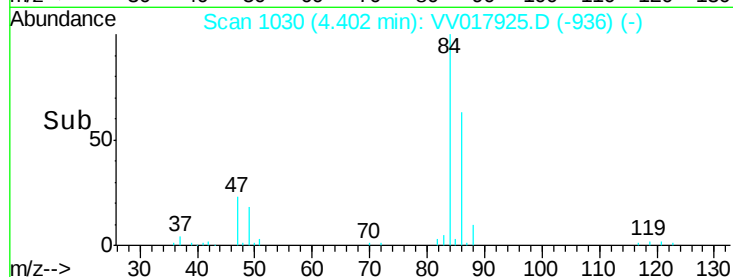
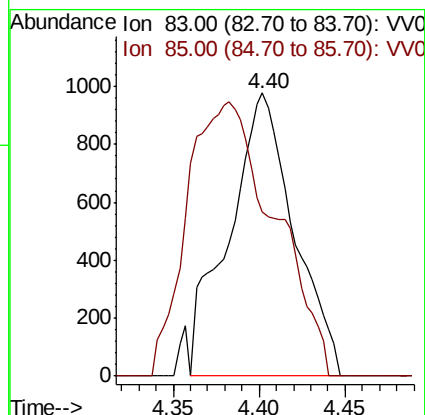
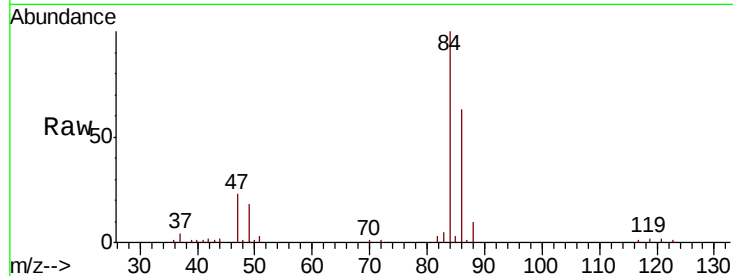




#25
Chloroform
Concen: 0.700 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017925.D
Acq: 12 Aug 2020 14:03

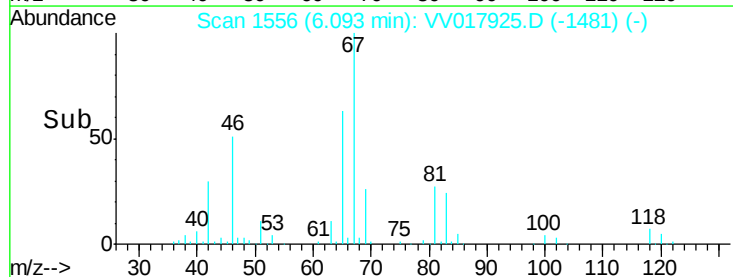
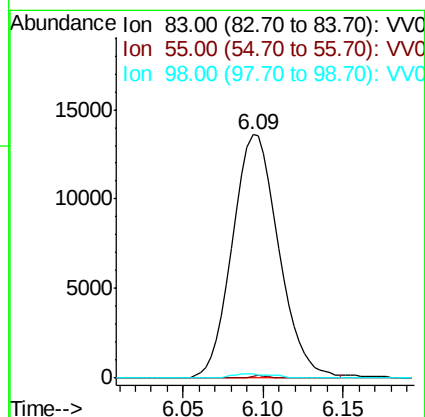
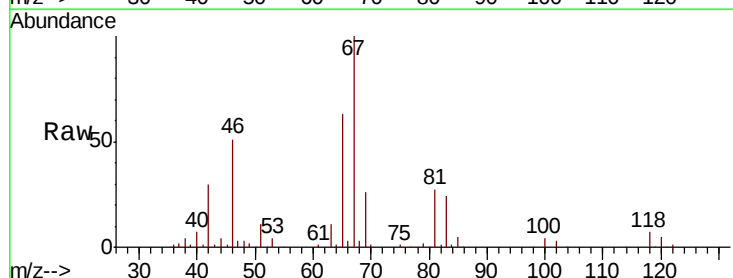
Instrument :
MSVOA_V
ClientSampled :
F4L29

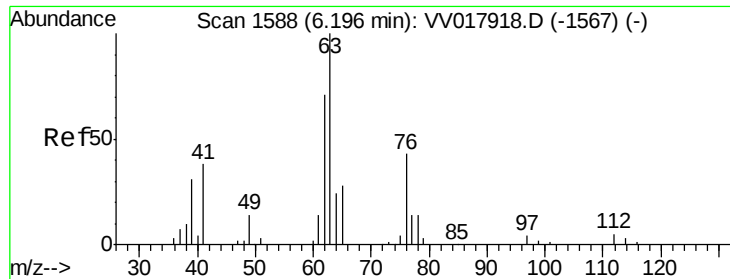
Tot Ion: 83 Resp: 2577
Ion Ratio Lower Upper
83 100
85 58.2 45.5 84.5



#35
Methylcyclohexane
Concen: 8.879 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017925.D
Acq: 12 Aug 2020 14:03

Tgt Ion: 83 Resp: 26990
Ion Ratio Lower Upper
83 100
55 0.3 64.9 97.3#
98 1.1 38.7 58.1#

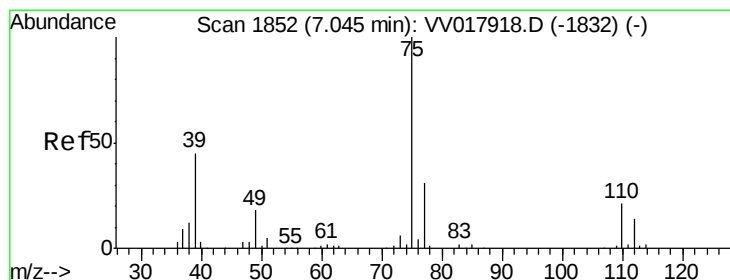
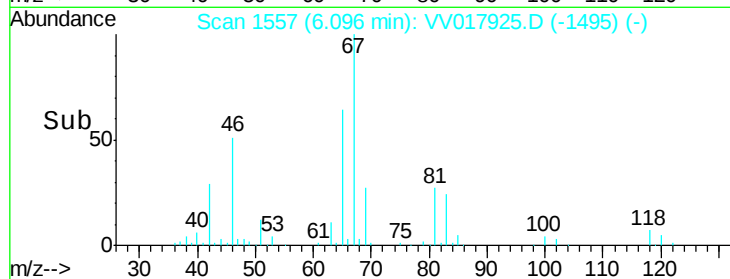
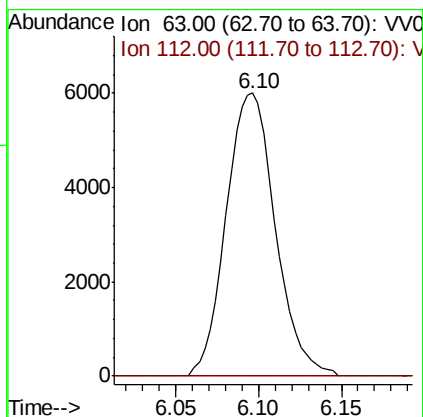
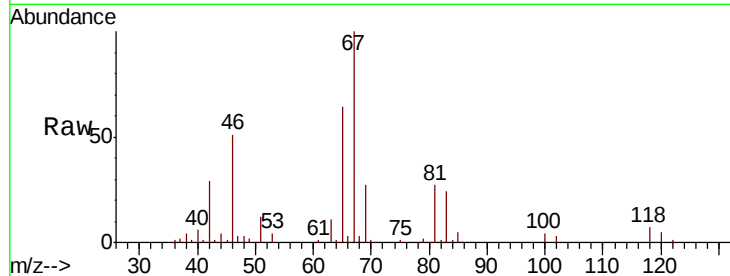




#37
 1,2-Dichloropropane
 Concen: 5.858 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017925.D
 Acq: 12 Aug 2020 14:03

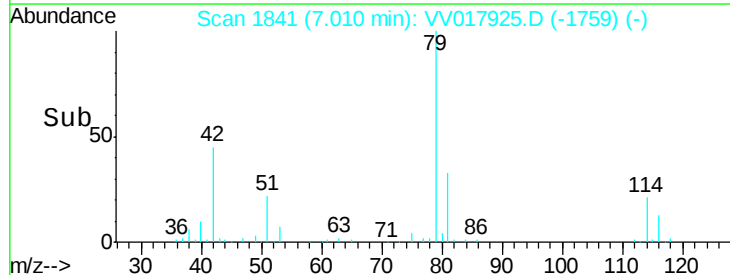
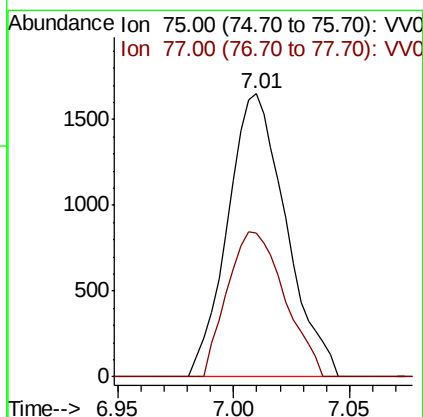
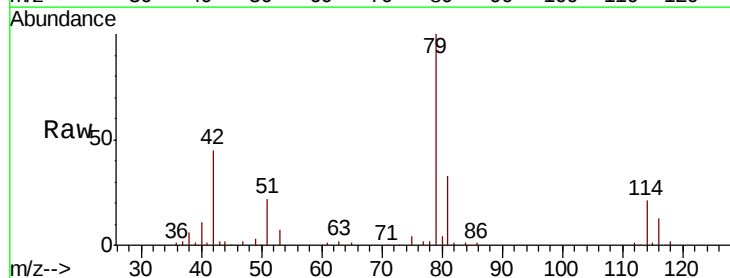
Instrument :
 MSVOA_V
 ClientSampleId :
 F4L29

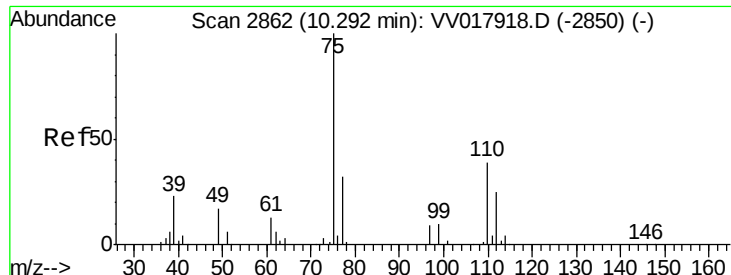
Tot Ion: 63 Resp: 12355
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.963 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017925.D
 Acq: 12 Aug 2020 14:03

Tgt Ion: 75 Resp: 2879
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.086 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017925.D

Acq: 12 Aug 2020 14:03

Instrument :

MSVOA_V

ClientSampleId :

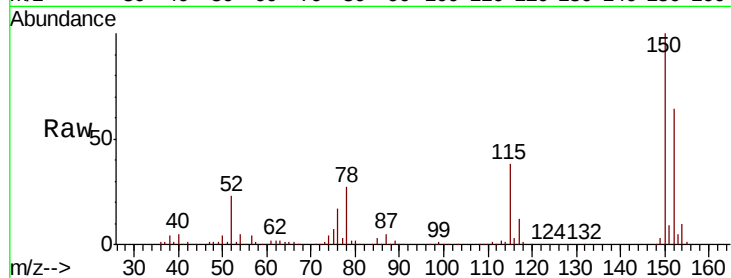
F4L29

Tot Ion: 75 Resp: 13246

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

