

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018313.D
 Acq On : 18 Sep 2020 11:44
 Operator : SY/MD
 Sample : L4065-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:42:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162559	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164941	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	78233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91289	68.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	137.82%#
7) Chloroethane-d5	1.58	69	72723	67.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	134.16%#
11) 1,1-Dichloroethene-d2	2.12	63	127040	52.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.56%
21) 2-Butanone-d5	3.92	46	104512	128.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.89%
24) Chloroform-d	4.38	84	150383	65.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.86%#
26) 1,2-Dichloroethane-d4	5.06	65	101514	68.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.80%#
32) Benzene-d6	5.08	84	305737	64.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.50%#
36) 1,2-Dichloropropane-d6	6.09	67	95955	63.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	127.92%#
41) Toluene-d8	7.34	98	267492	62.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.32%#
43) trans-1,3-Dichloropropene-	7.64	79	45638	59.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.72%
47) 2-Hexanone-d5	8.11	63	66819	117.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	117561	62.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.86%#
64) 1,2-Dichlorobenzene-d4	11.65	152	110457	68.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.50%#

Target Compounds

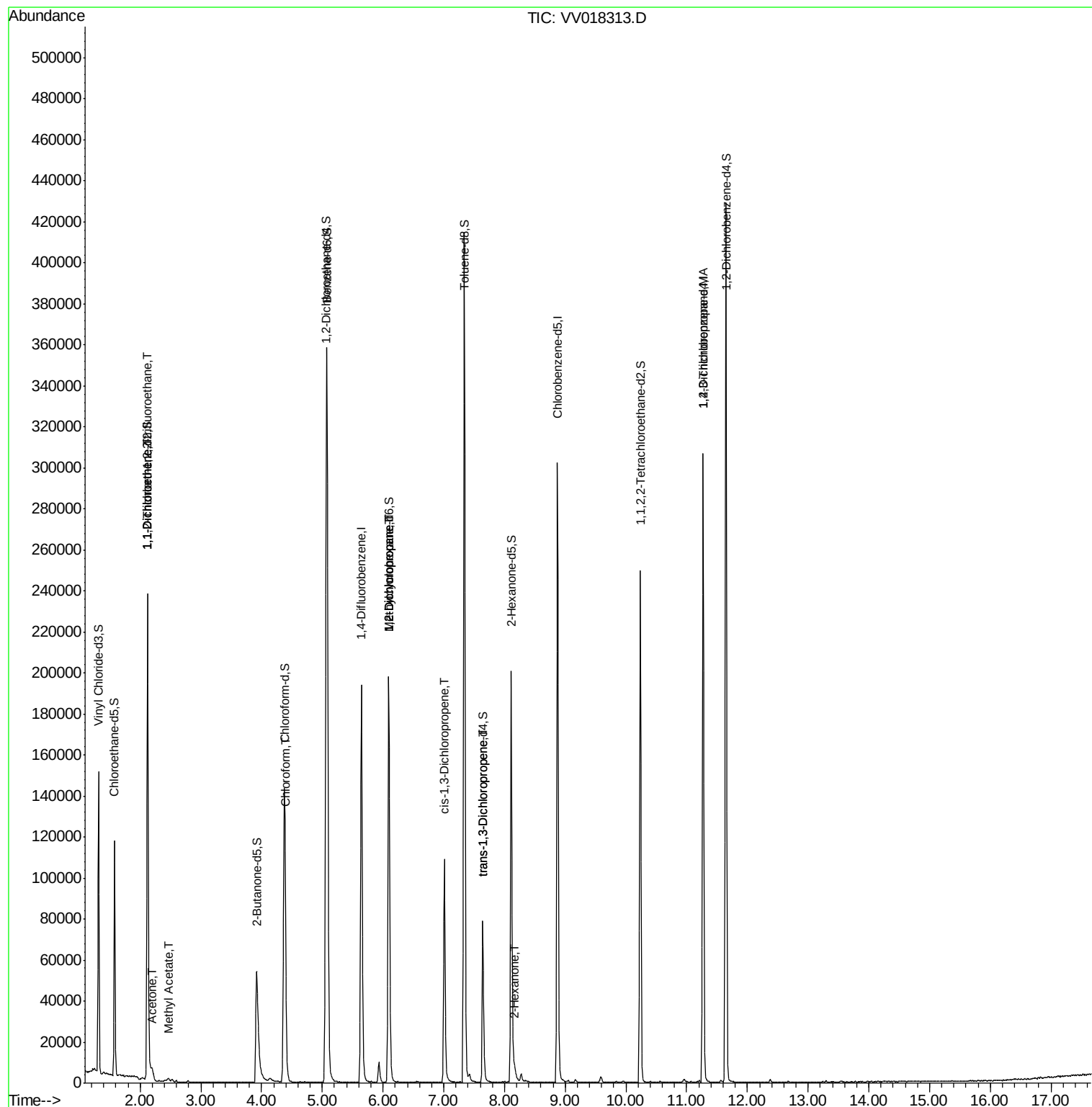
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1374	1.253	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	1203	1.127	ug/L #	1
13) Acetone	2.20	43	7682	11.831	ug/L	71
15) Methyl Acetate	2.46	43	1241	1.064	ug/L	94
25) Chloroform	4.40	83	1927	0.912	ug/L #	36
35) Methylcyclohexane	6.09	83	23375	12.085	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	10598	8.481	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2847	1.479	ug/L #	73
44) trans-1,3-Dichloropropene	7.64	75	1785	0.952	ug/L	87
48) 2-Hexanone	8.17	43	3129	2.618	ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	8909	6.061	ug/L	95

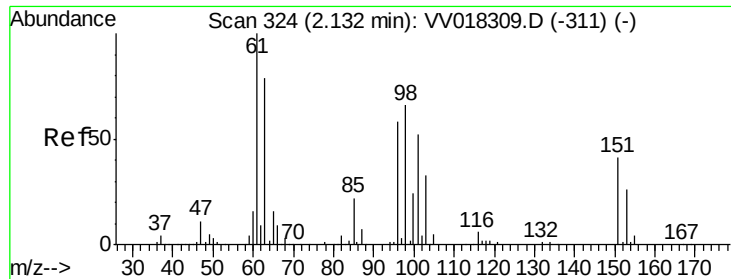
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.253 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018313.D

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Instrument :

MSVOA_V

ClientSampleId :

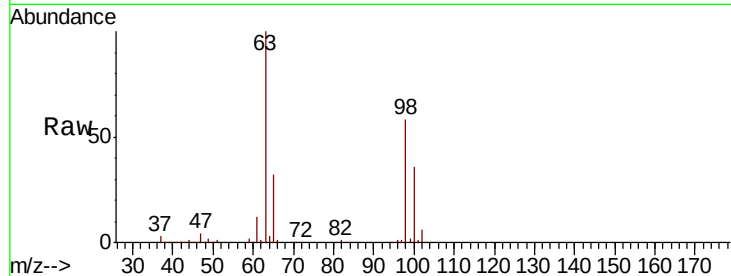
Tot Ion:101 Resp: 1374

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 9.5 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

1200

1000

800

600

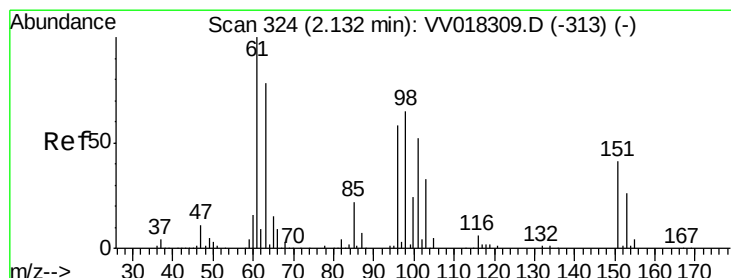
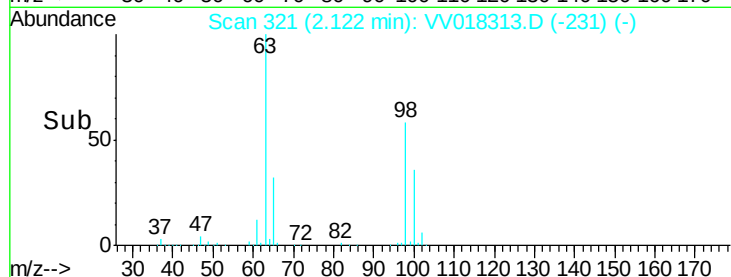
400

200

0

2.08 2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 1.127 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018313.D

Acq: 18 Sep 2020 11:44

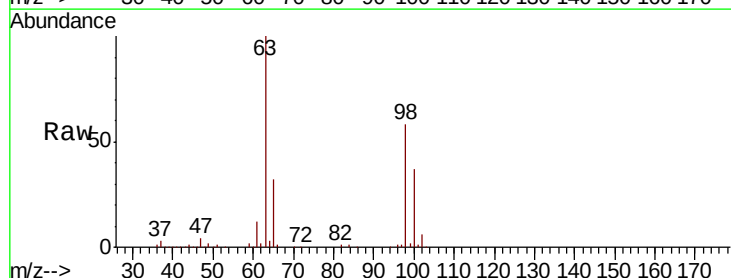
Tgt Ion: 96 Resp: 1203

Ion Ratio Lower Upper

96 100

61 1197.3 122.9 228.3#

63 10135.6 91.9 170.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

120000

100000

80000

60000

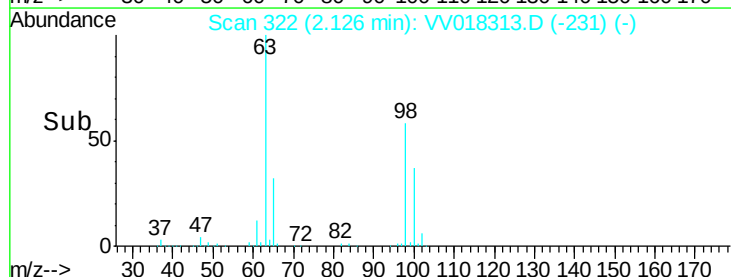
40000

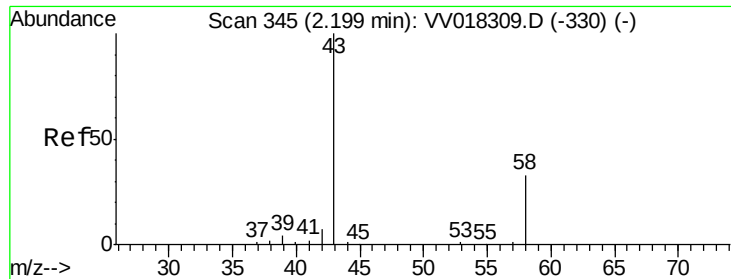
20000

0

2.08 2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 11.831 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV018313.D

Acq: 18 Sep 2020 11:44

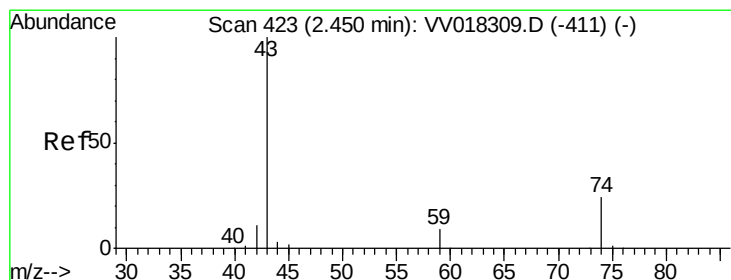
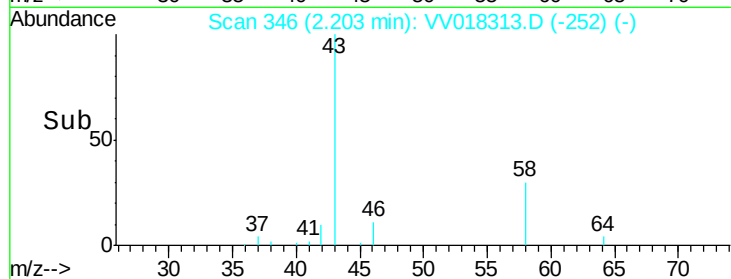
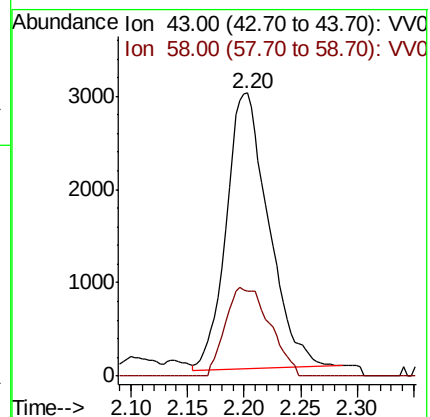
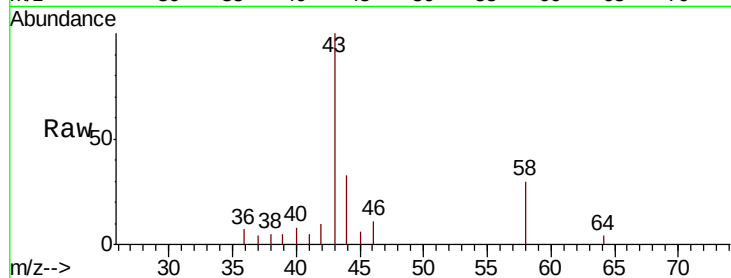
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7682

Ion Ratio Lower Upper

43 100

58 17.2 0.0 67.4



#15

Methyl Acetate

Concen: 1.064 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV018313.D

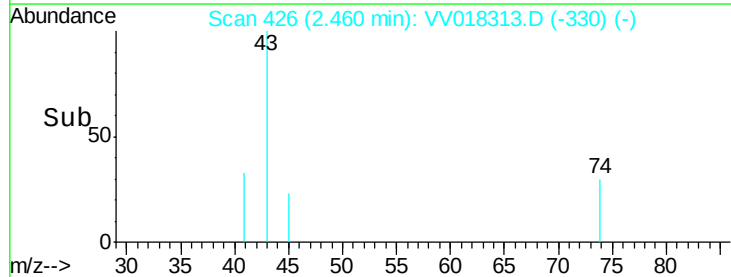
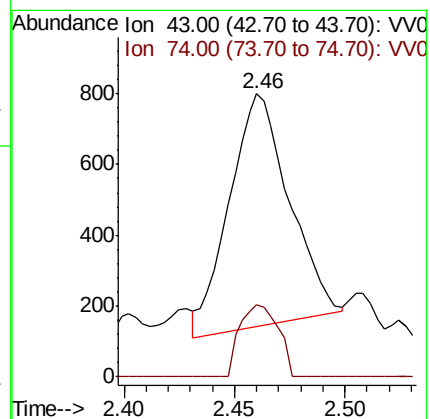
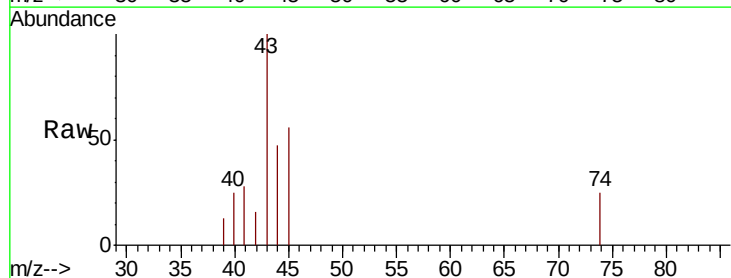
Acq: 18 Sep 2020 11:44

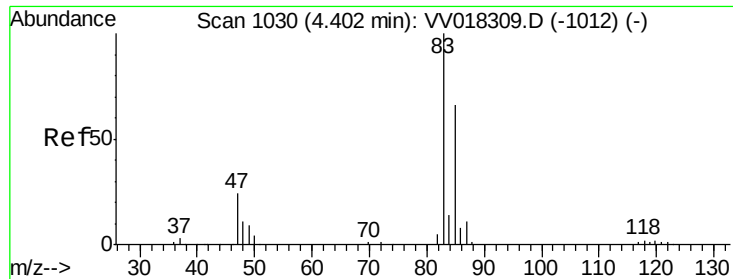
Tgt Ion: 43 Resp: 1241

Ion Ratio Lower Upper

43 100

74 20.0 18.4 27.6

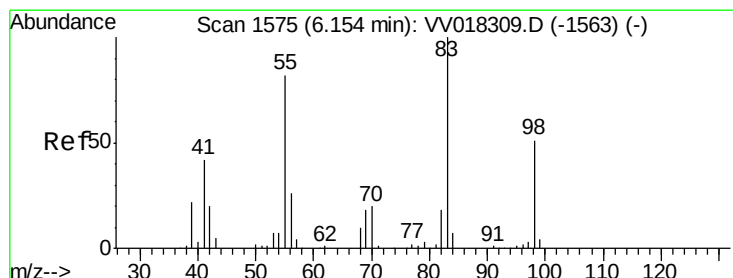
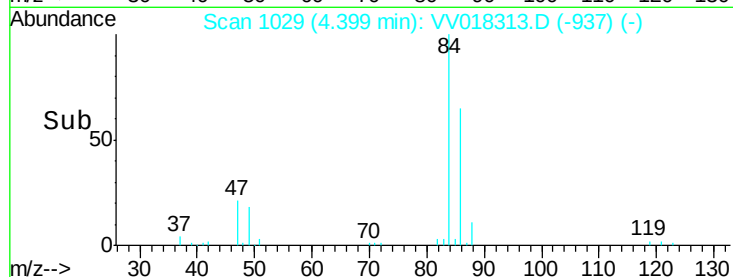
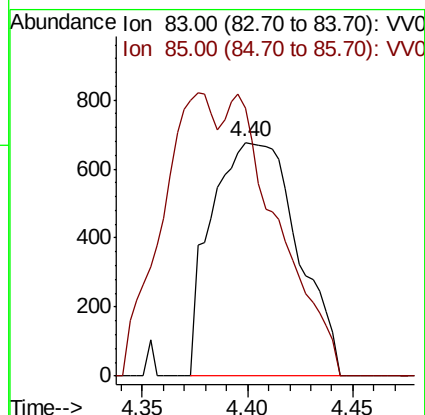
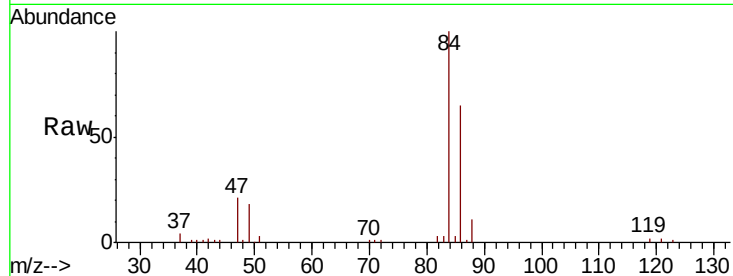




#25
Chloroform
Concen: 0.912 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV018313.D
Acq: 18 Sep 2020 11:44

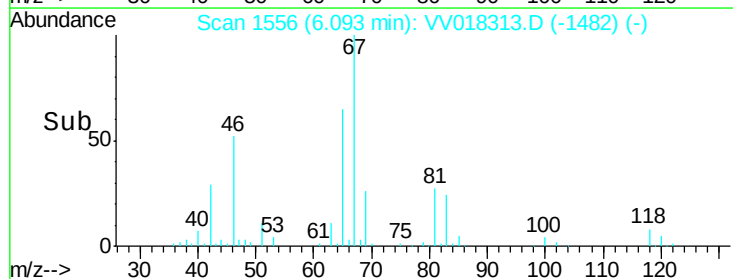
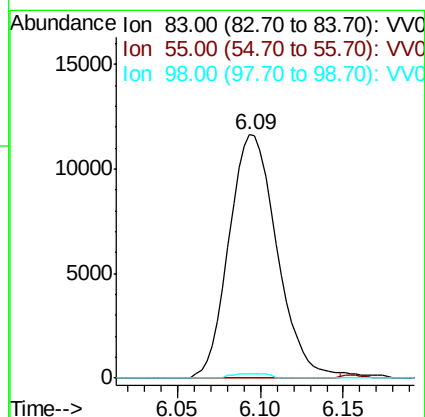
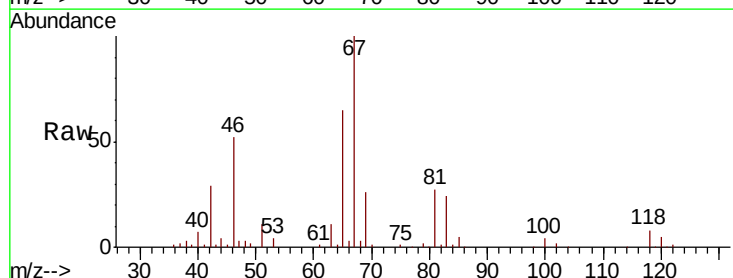
Instrument :
MSVOA_V
ClientSampleId :

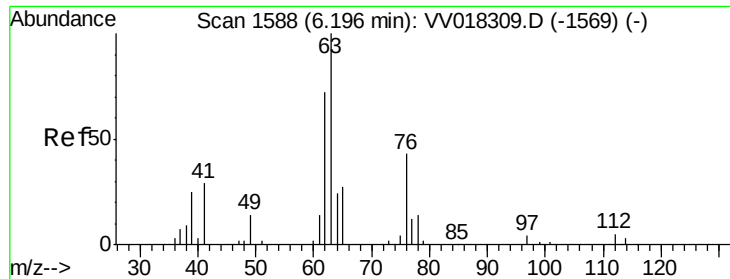
Tot Ion: 83 Resp: 1927
Ion Ratio Lower Upper
83 100
85 114.8 45.0 83.6#



#35
Methylcyclohexane
Concen: 12.085 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018313.D
Acq: 18 Sep 2020 11:44

Tgt Ion: 83 Resp: 23375
Ion Ratio Lower Upper
83 100
55 0.6 63.4 95.2#
98 1.3 38.8 58.2#

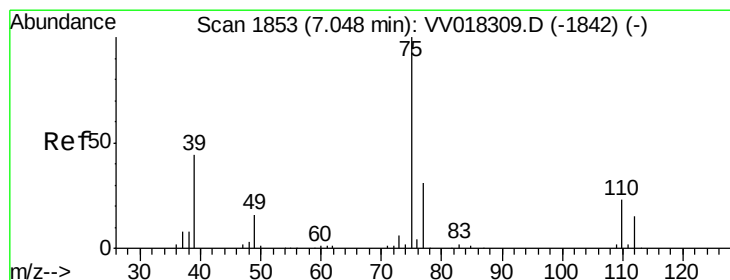
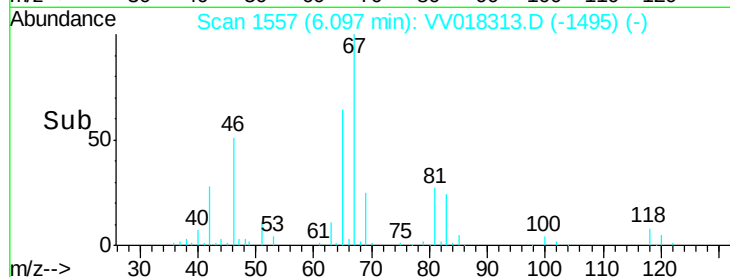
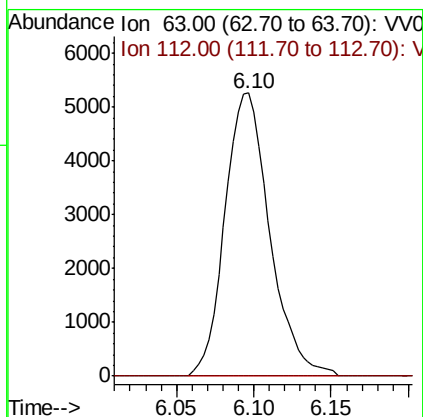
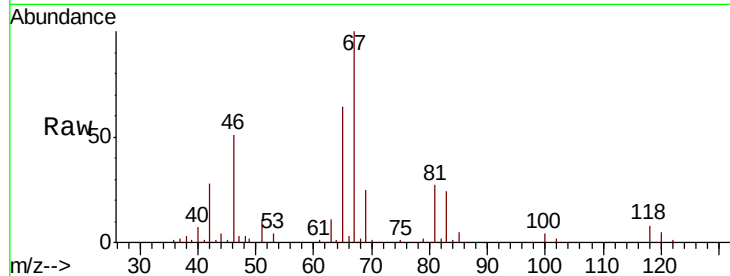




#37
 1,2-Dichloropropane
 Concen: 8.481 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018313.D
 Acq: 18 Sep 2020 11:44

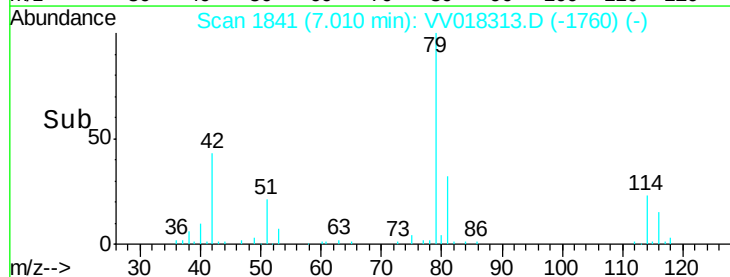
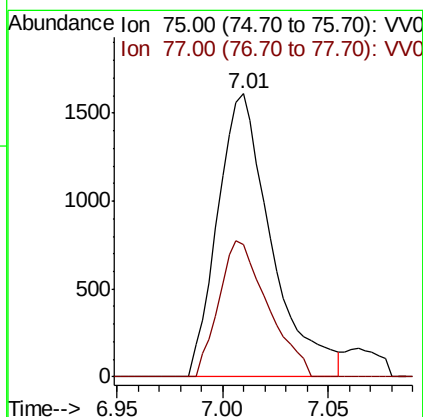
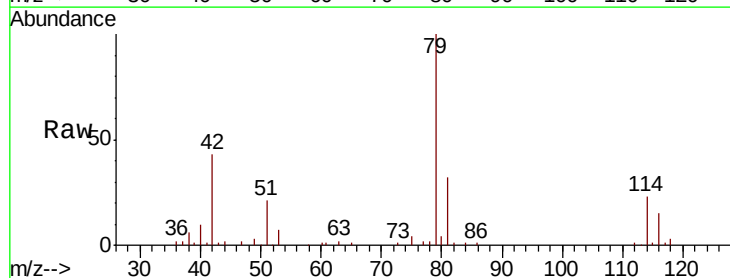
Instrument :
 MSVOA_V
 ClientSampleId :

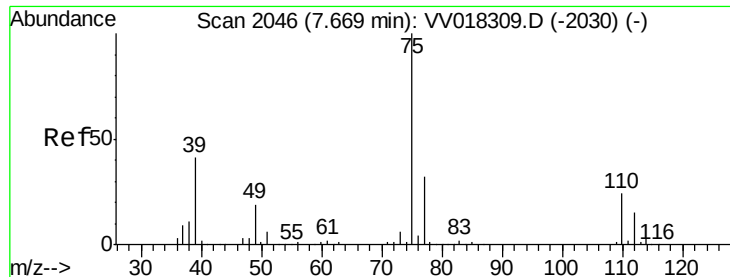
Tot Ion: 63 Resp: 10598
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.479 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018313.D
 Acq: 18 Sep 2020 11:44

Tgt Ion: 75 Resp: 2847
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.952 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV018313.D

Acq: 18 Sep 2020 11:44

Instrument :

MSVOA_V

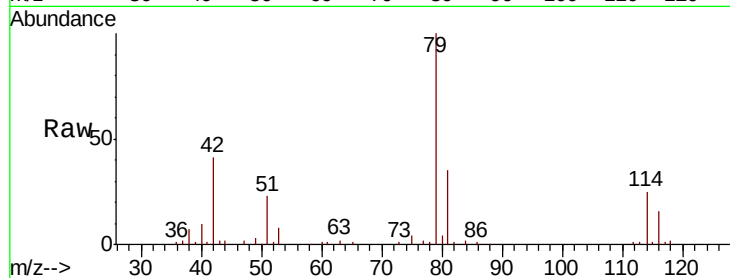
ClientSampleId :

Tot Ion: 75 Resp: 1785

Ion Ratio Lower Upper

75 100

77 39.3 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV018309.D (-2030) (-)

Ion 77.00 (76.70 to 77.70): VV018309.D (-2030) (-)

7.64

1200

1000

800

600

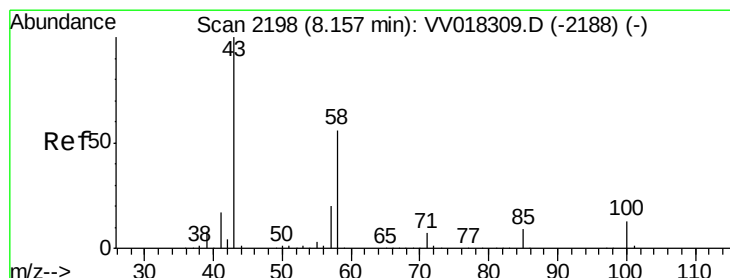
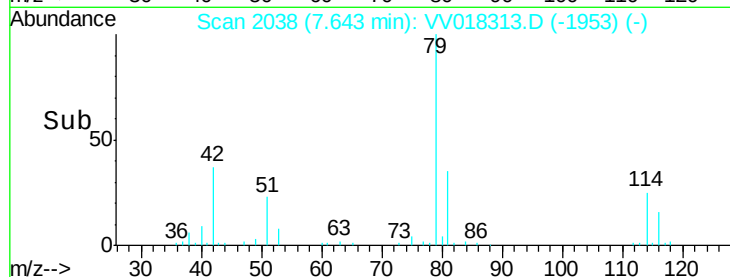
400

200

0

7.60 7.62 7.64 7.66 7.68

Time-->



#48

2-Hexanone

Concen: 2.618 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018313.D

Acq: 18 Sep 2020 11:44

Tgt Ion: 43 Resp: 3129

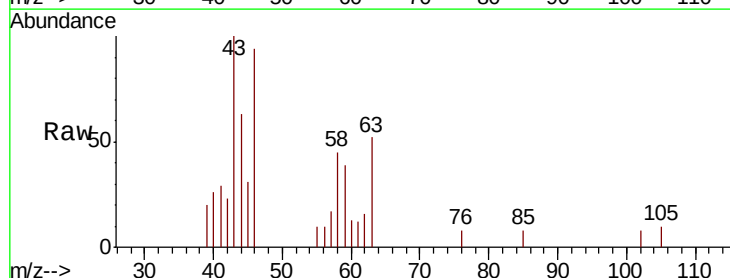
Ion Ratio Lower Upper

43 100

58 32.8 44.8 67.2#

57 17.7 15.8 23.6

100 4.7 10.2 15.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018309.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV018309.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV018309.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV018309.D (-2188) (-)

6000

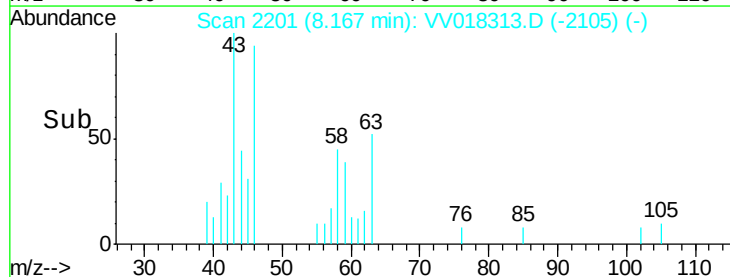
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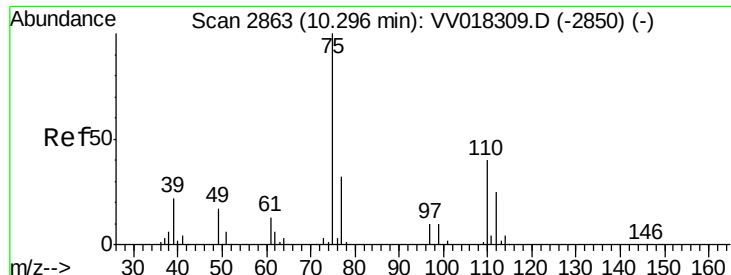
2000

0

8.15 8.17 8.19 8.21 8.23 8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.061 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018313.D

Acq: 18 Sep 2020 11:44

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 8909

Ion Ratio Lower Upper

75 100

77 35.1 25.8 38.6

