

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018024.D
 Acq On : 17 Aug 2020 14:25
 Operator : SY/MD
 Sample : L3665-20 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L73

Quant Time: Aug 18 01:26:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243067	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241429	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86972	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	75753	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.86%
11) 1,1-Dichloroethene-d2	2.12	63	131665	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.24%
21) 2-Butanone-d5	3.91	46	112314	92.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	4.38	84	159797	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.06	65	112269	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
32) Benzene-d6	5.08	84	327179	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.09	67	105790	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.34	98	285971	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%
43) trans-1,3-Dichloropropene-	7.64	79	47062	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.11	63	55336	79.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125535	44.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	118497	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%

Target Compounds

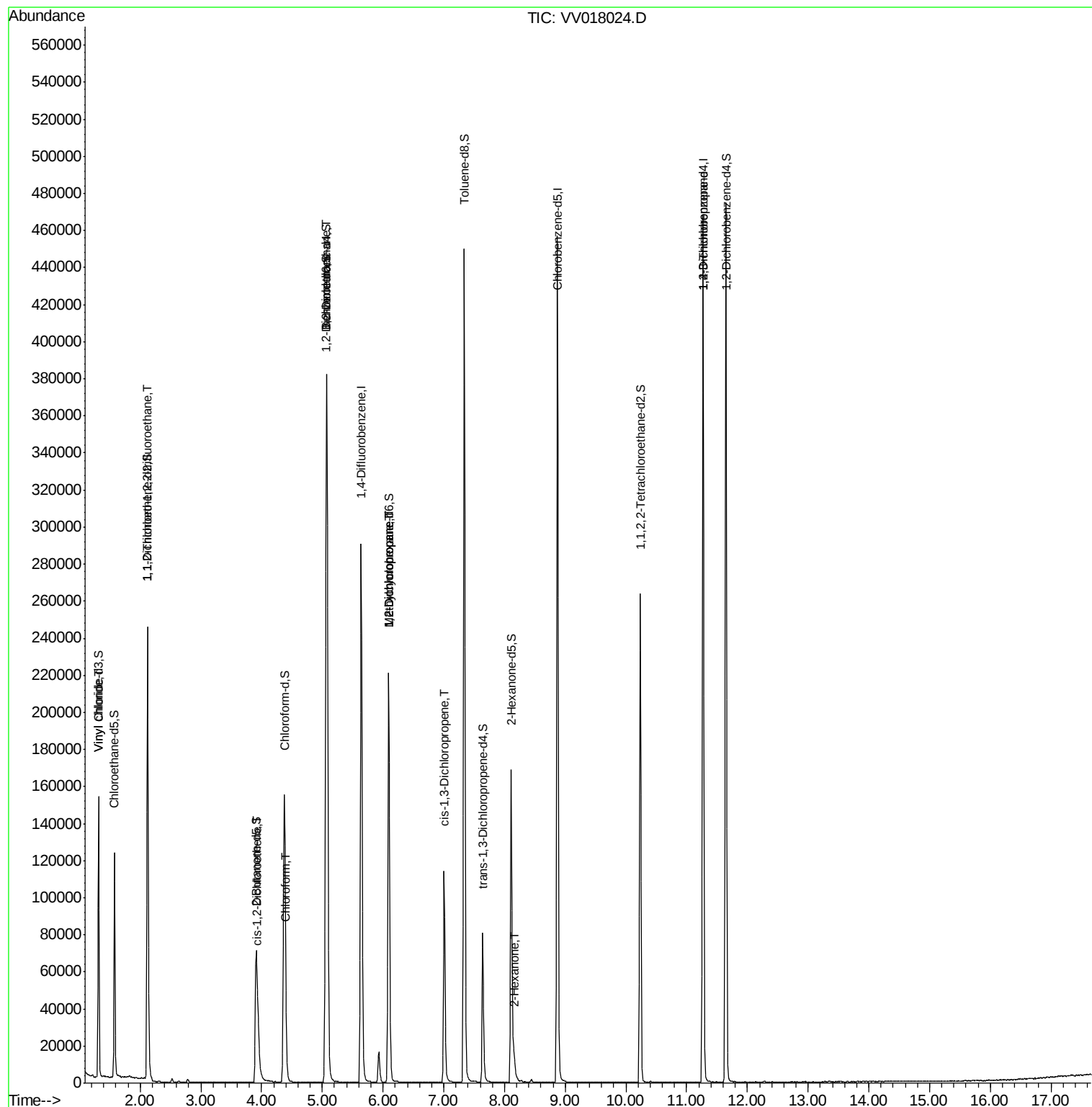
					Ovalue
5) Vinyl chloride	1.32	62	3475	1.609 ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1235	0.717 ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	8101	4.398 ug/L	97
25) Chloroform	4.41	83	2464	0.717 ug/L	85
27) 1,2-Dichloroethane	5.08	62	2032	0.743 ug/L #	75
35) Methylcyclohexane	6.09	83	25376	8.643 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11731	5.759 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2783	0.964 ug/L #	52
48) 2-Hexanone	8.16	43	6699	3.120 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	13577	5.397 ug/L	92

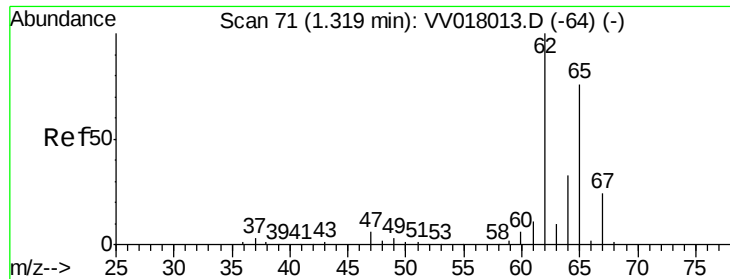
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018024.D
Acq On : 17 Aug 2020 14:25
Operator : SY/MD
Sample : L3665-20 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4L73

Quant Time: Aug 18 01:26:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.609 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018024.D

Acq: 17 Aug 2020 14:25

Instrument :

MSVOA_V

ClientSampleId :

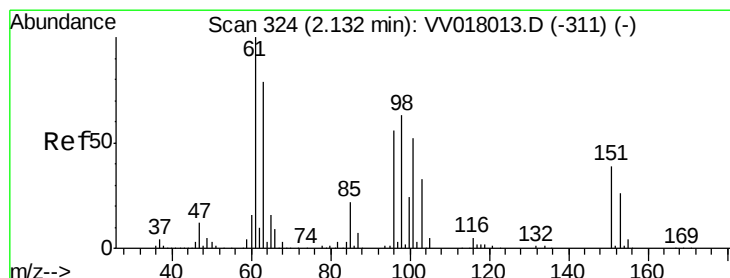
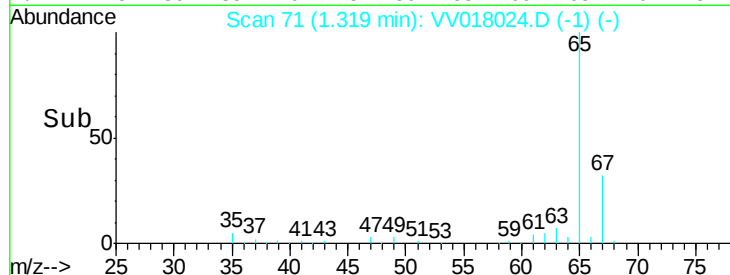
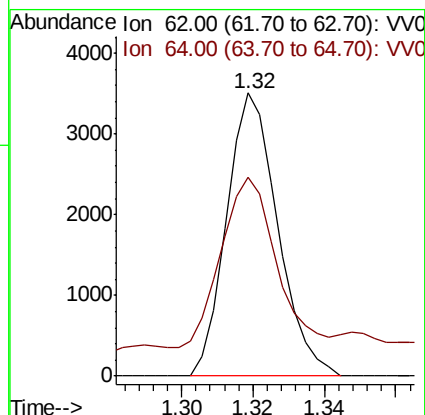
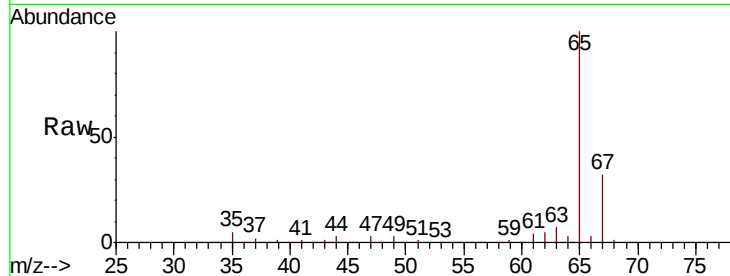
F4L73

Tot Ion: 62 Resp: 3475

Ion Ratio Lower Upper

62 100

64 70.3 22.4 41.6#



#10

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

Concen: 0.717 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018024.D

Acq: 17 Aug 2020 14:25

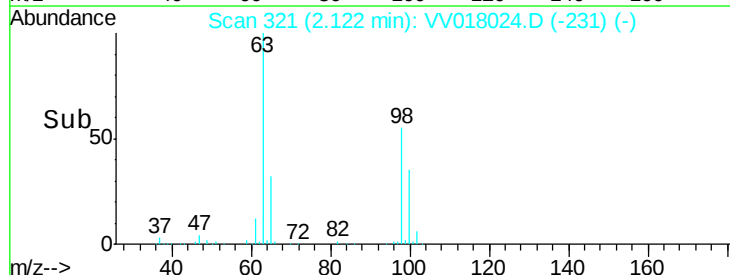
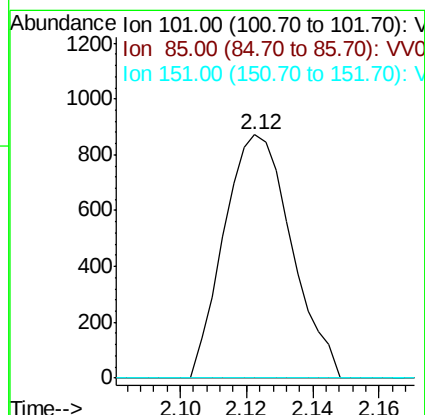
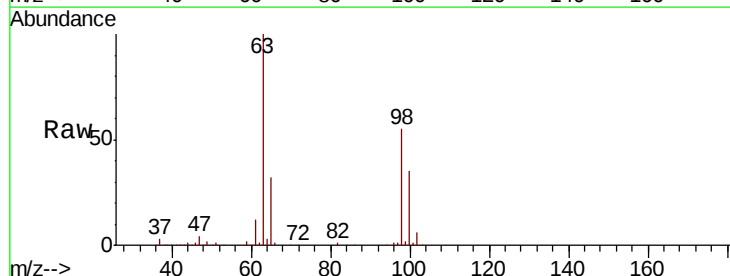
Tgt Ion: 101 Resp: 1235

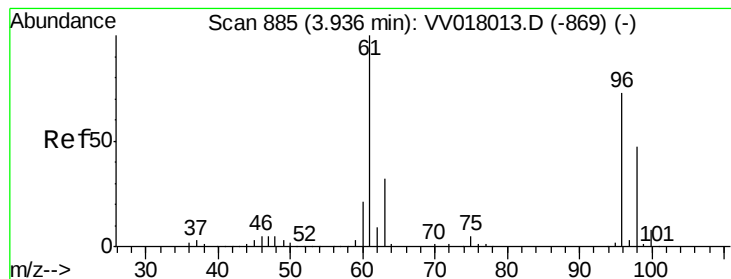
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#





#20

cis-1,2-Dichloroethene

Concen: 4.398 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018024.D

Acq: 17 Aug 2020 14:25

Instrument :

MSVOA_V

ClientSampleId :

F4L73

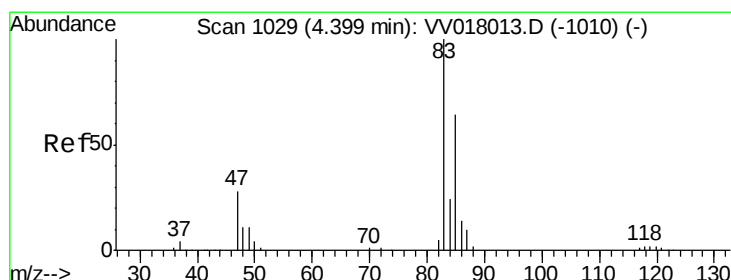
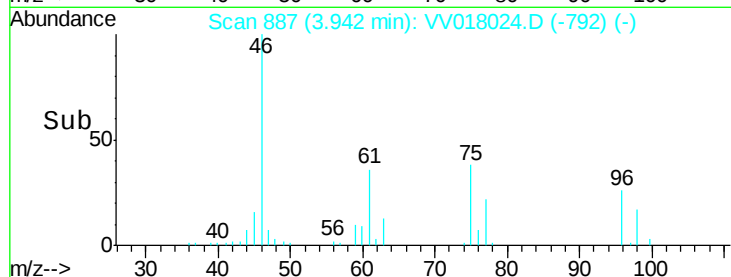
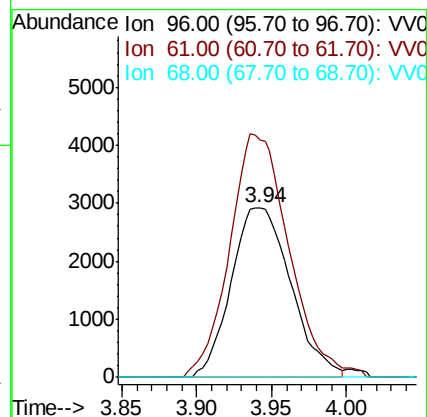
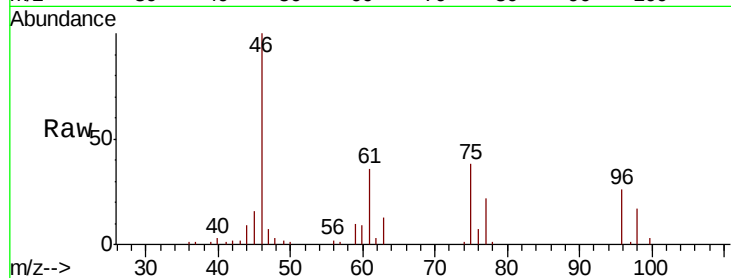
Tot Ion: 96 Resp: 8101

Ion Ratio Lower Upper

96 100

61 139.6 95.0 176.4

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.717 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV018024.D

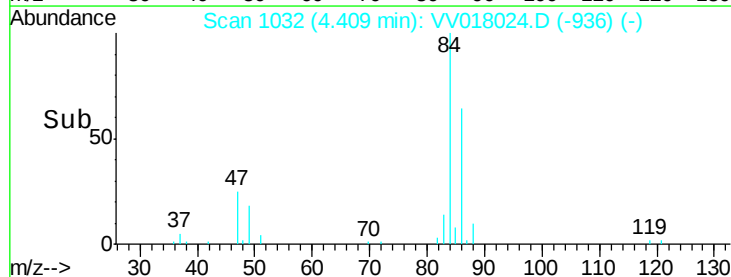
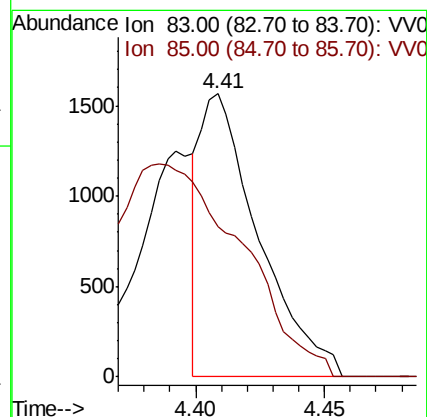
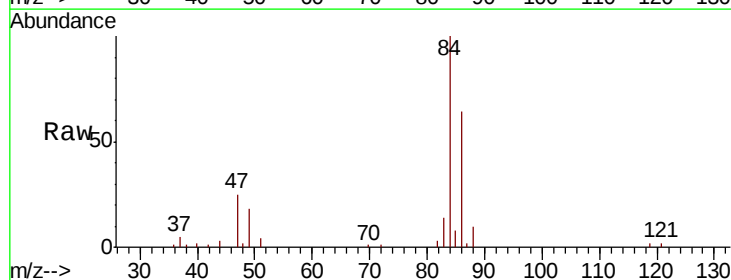
Acq: 17 Aug 2020 14:25

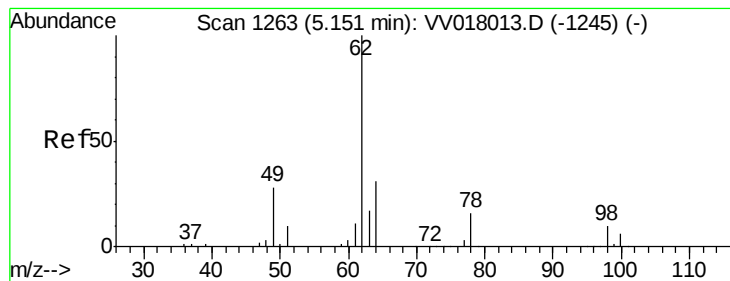
Tgt Ion: 83 Resp: 2464

Ion Ratio Lower Upper

83 100

85 53.2 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.743 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: VV018024.D

Acq: 17 Aug 2020 14:25

Instrument :

MSVOA_V

ClientSampled :

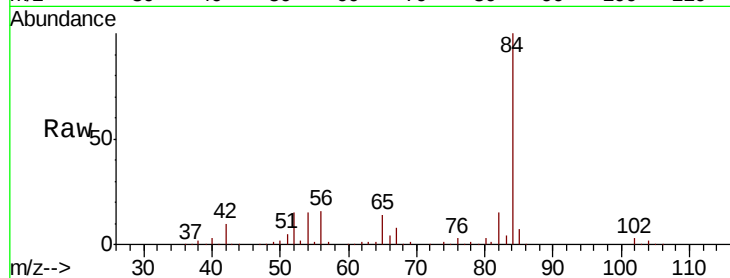
F4L73

Tot Ion: 62 Resp: 2032

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

5.08

800

600

400

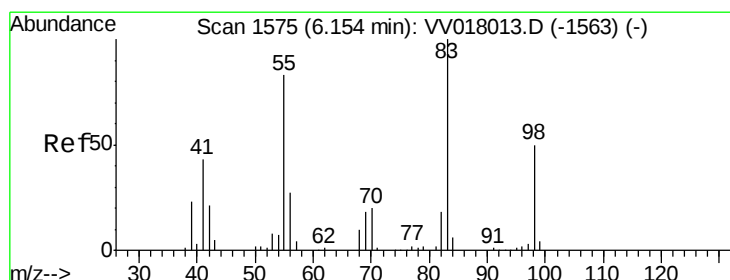
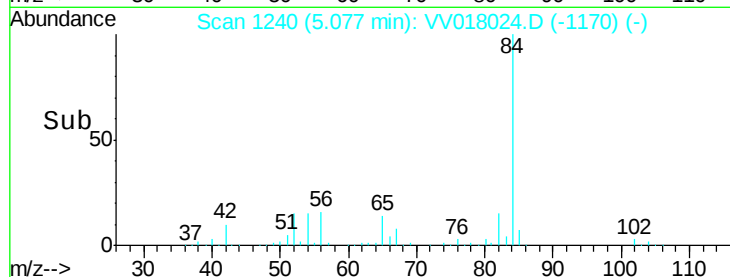
200

0

5.05

5.10

Time-->



#35

Methylcyclohexane

Concen: 8.643 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018024.D

Acq: 17 Aug 2020 14:25

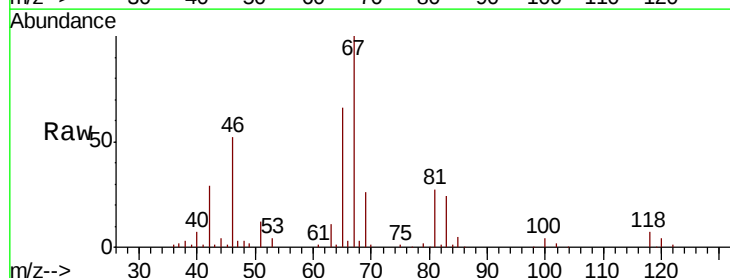
Tgt Ion: 83 Resp: 25376

Ion Ratio Lower Upper

83 100

55 0.3 64.9 97.3#

98 1.4 38.7 58.1#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

6.09

15000

10000

5000

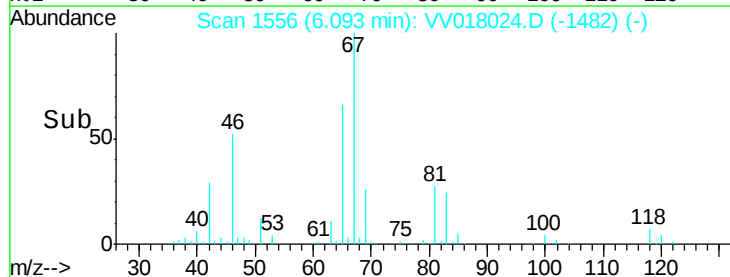
0

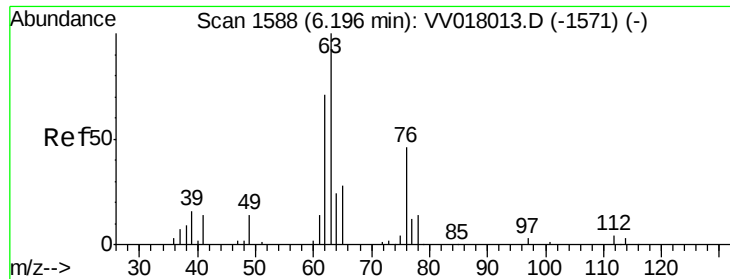
6.05

6.10

6.15

Time-->

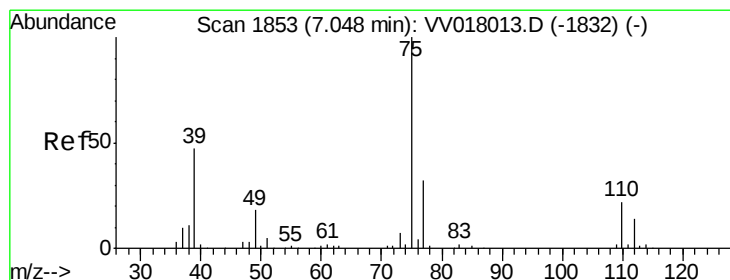
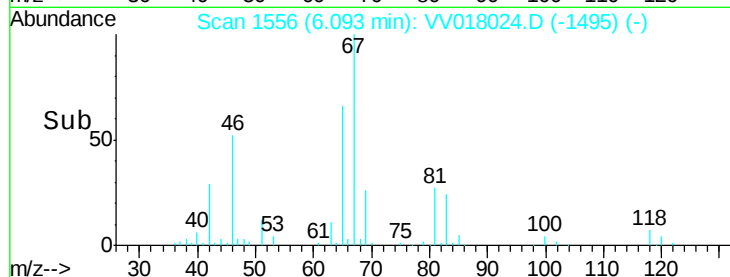
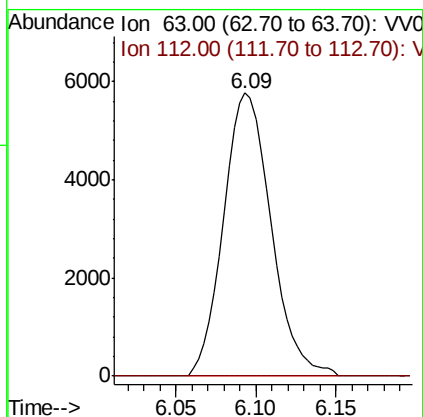
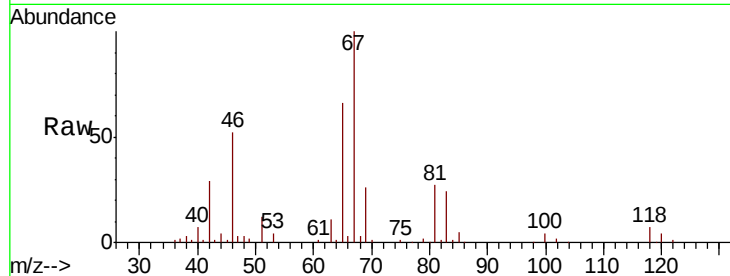




#37
 1,2-Dichloropropane
 Concen: 5.759 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018024.D
 Acq: 17 Aug 2020 14:25

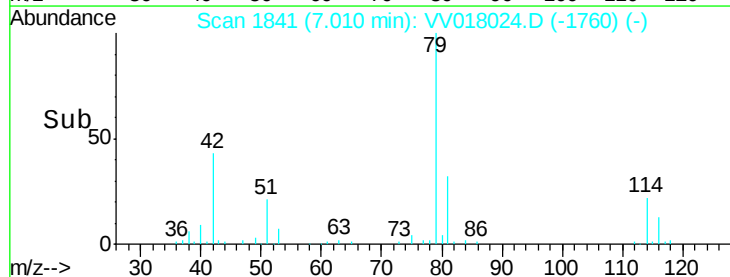
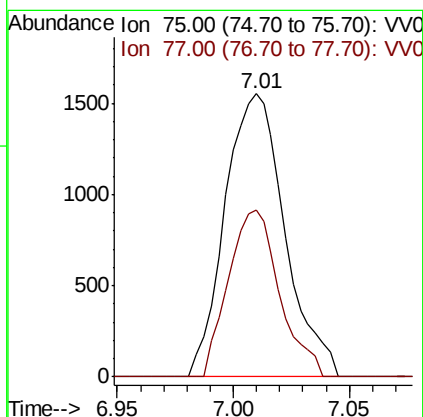
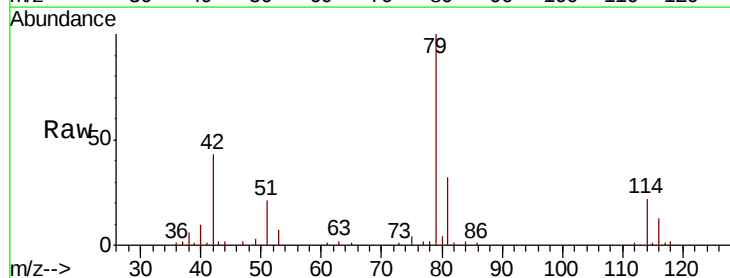
Instrument :
 MSVOA_V
 ClientSampleId :
 F4L73

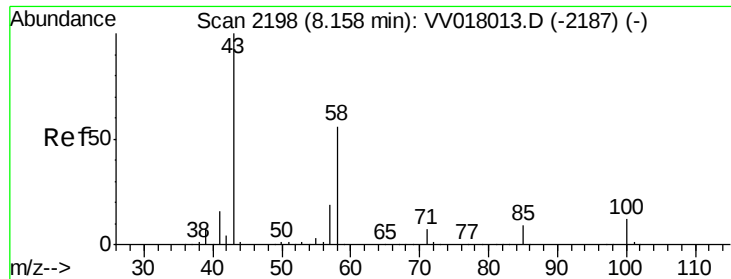
Tot Ion: 63 Resp: 11731
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.964 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018024.D
 Acq: 17 Aug 2020 14:25

Tgt Ion: 75 Resp: 2783
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.3 41.5#

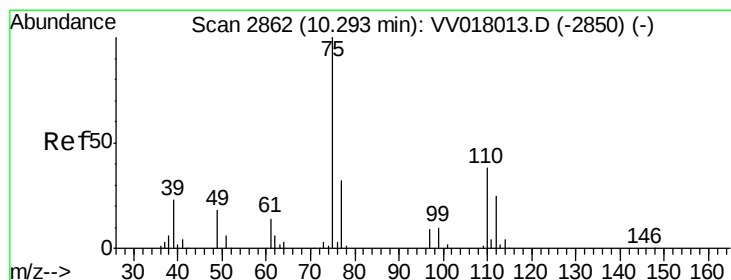
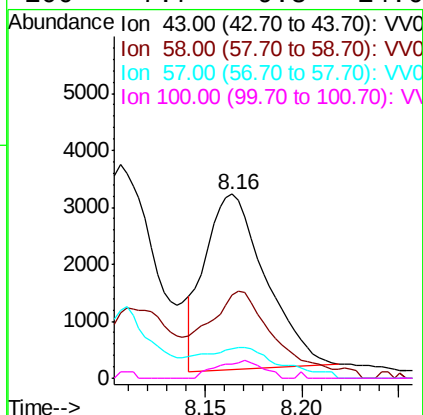
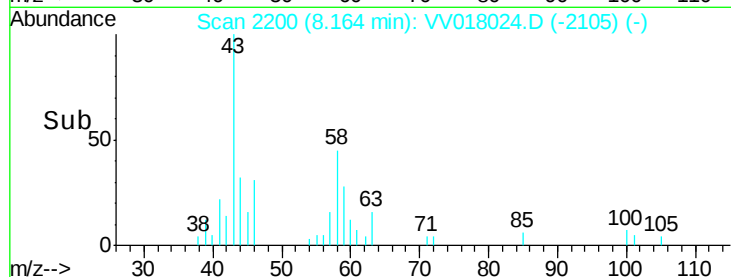
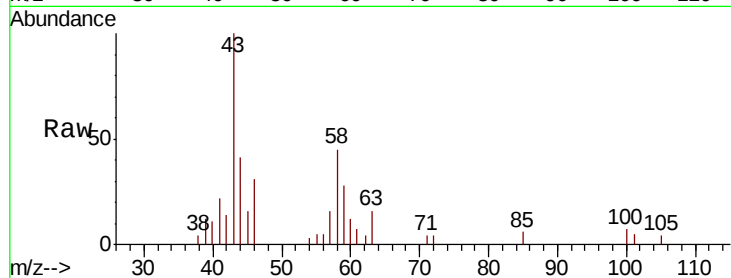




#48
2-Hexanone
Concen: 3.120 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018024.D
Acq: 17 Aug 2020 14:25

Instrument :
MSVOA_V
ClientSampleId :
F4L73

Tot Ion: 43 Resp: 6699
Ion Ratio Lower Upper
43 100
58 42.7 44.4 66.6#
57 0.0 15.2 22.8#
100 7.7 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.397 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018024.D
Acq: 17 Aug 2020 14:25

Tgt Ion: 75 Resp: 13577
Ion Ratio Lower Upper
75 100
77 36.5 25.7 38.5

