

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018007.D
 Acq On : 14 Aug 2020 19:23
 Operator : SY/MD
 Sample : L3665-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L30

Quant Time: Aug 17 01:39:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	226878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55012	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.16%
7) Chloroethane-d5	1.58	69	53105	37.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.72%
11) 1,1-Dichloroethene-d2	2.12	63	88623	27.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.04%#
21) 2-Butanone-d5	3.90	46	117625	104.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.37	84	135309	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.70%
26) 1,2-Dichloroethane-d4	5.06	65	96228	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
32) Benzene-d6	5.07	84	257247	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
36) 1,2-Dichloropropane-d6	6.09	67	90552	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.60%
41) Toluene-d8	7.34	98	220114	39.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.30%#
43) trans-1,3-Dichloropropene-	7.64	79	39270	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
47) 2-Hexanone-d5	8.11	63	58376	88.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	126473	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	104180	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

Target Compounds

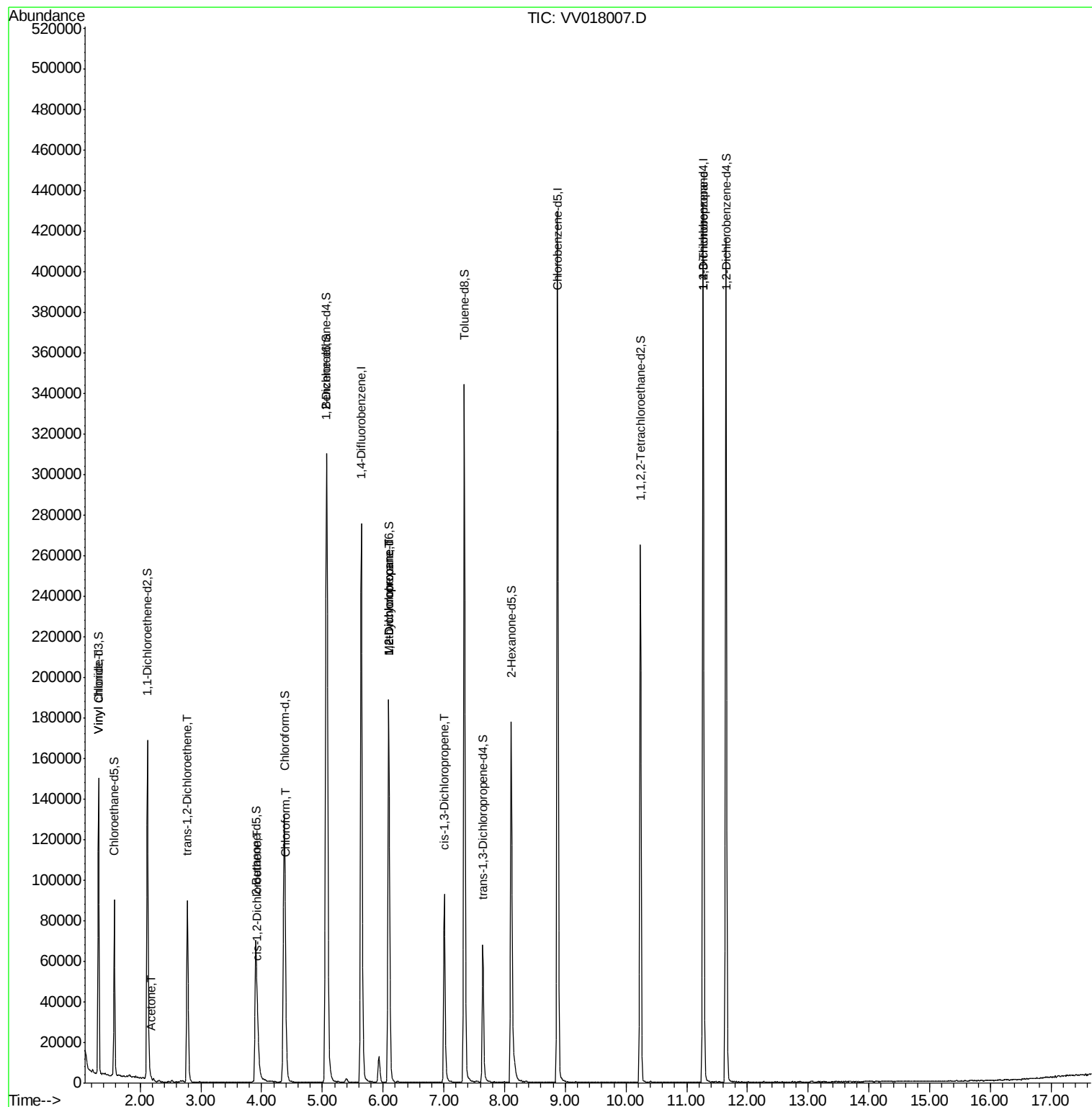
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	39186	19.625	ug/L	96
13) Acetone	2.18	43	1134	0.978	ug/L	61
17) trans-1,2-Dichloroethene	2.78	96	33283	21.479	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	4707	2.764	ug/L	98
25) Chloroform	4.40	83	5783	1.820	ug/L	82
35) Methylcyclohexane	6.09	83	21802	7.902	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	10031	5.240	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2224	0.820	ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	12583	5.323	ug/L	90

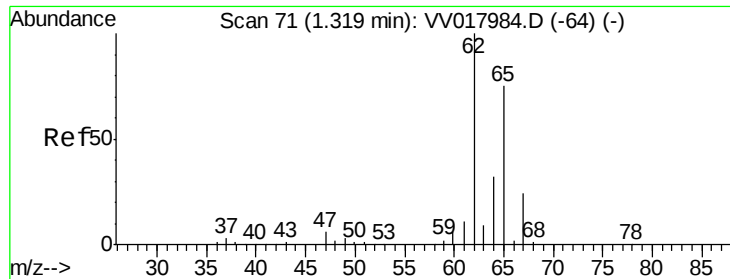
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081420\
Data File : VV018007.D
Acq On : 14 Aug 2020 19:23
Operator : SY/MD
Sample : L3665-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4L30

Quant Time: Aug 17 01:39:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.625 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV018007.D

Acq: 14 Aug 2020 19:23

Instrument :

MSVOA_V

ClientSampled :

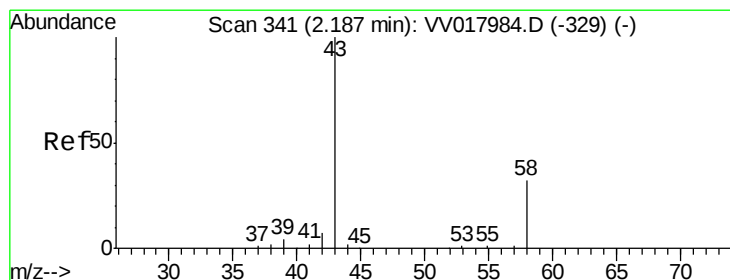
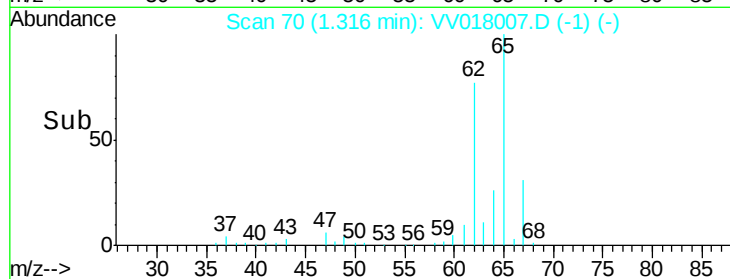
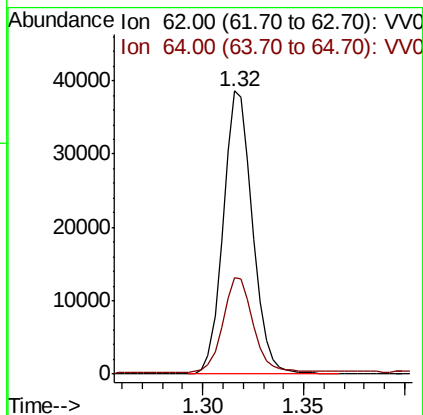
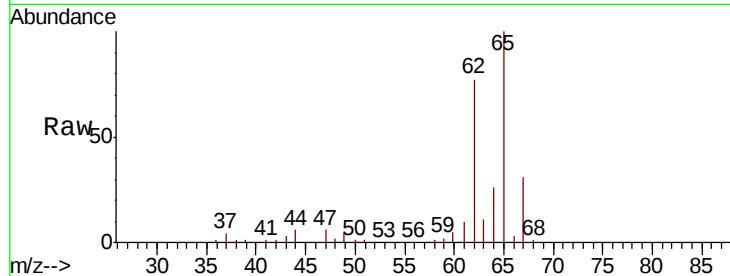
F4L30

Tot Ion: 62 Resp: 39186

Ion Ratio Lower Upper

62 100

64 34.1 22.4 41.6



#13

Acetone

Concen: 0.978 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV018007.D

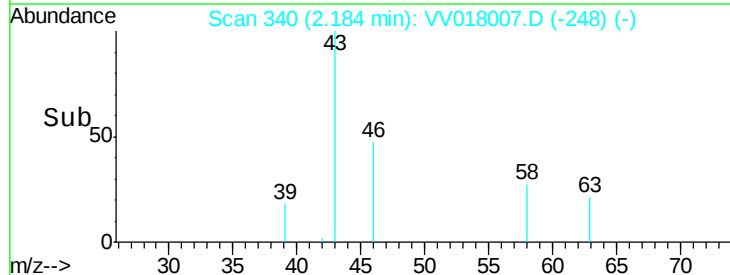
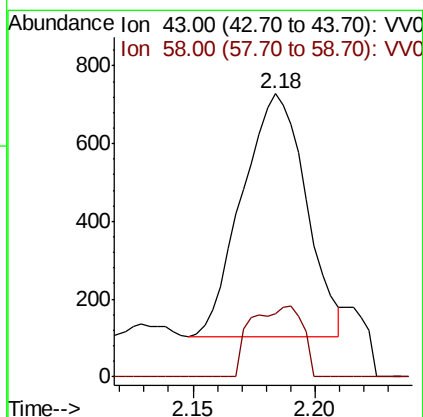
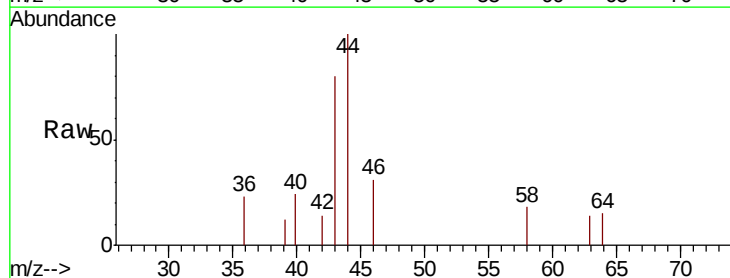
Acq: 14 Aug 2020 19:23

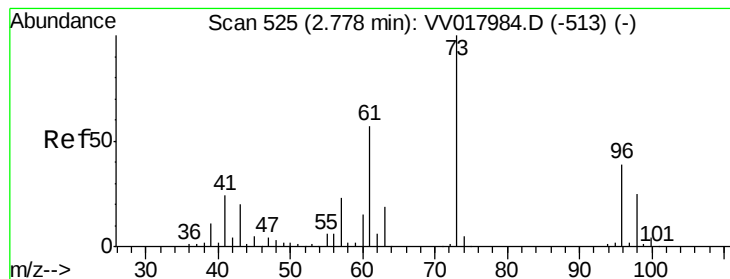
Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

43 100

58 10.1 0.0 63.6





#17

trans-1,2-Dichloroethene

Concen: 21.479 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV018007.D

Acq: 14 Aug 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

F4L30

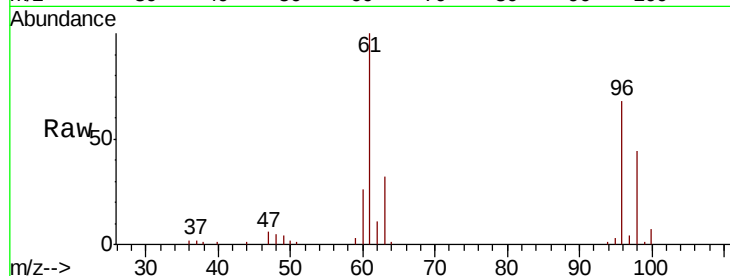
Tot Ion: 96 Resp: 33283

Ion Ratio Lower Upper

96 100

61 148.1 102.4 190.2

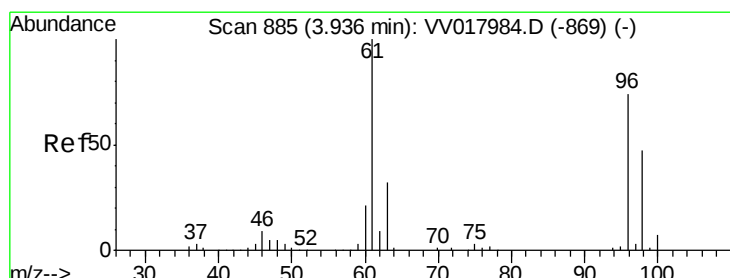
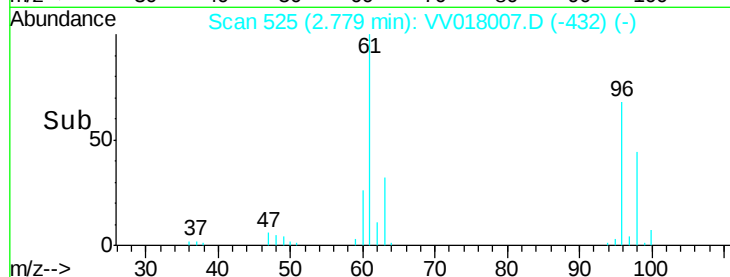
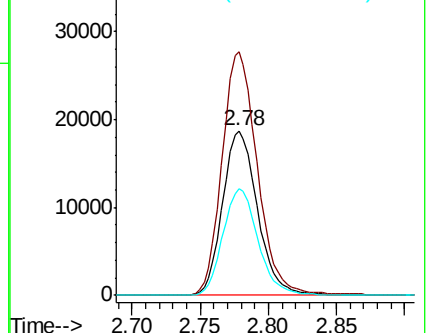
98 64.7 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV018007.D (-432) (-)

Ion 61.00 (60.70 to 61.70): VV018007.D (-432) (-)

Ion 98.00 (97.70 to 98.70): VV018007.D (-432) (-)



#20

cis-1,2-Dichloroethene

Concen: 2.764 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018007.D

Acq: 14 Aug 2020 19:23

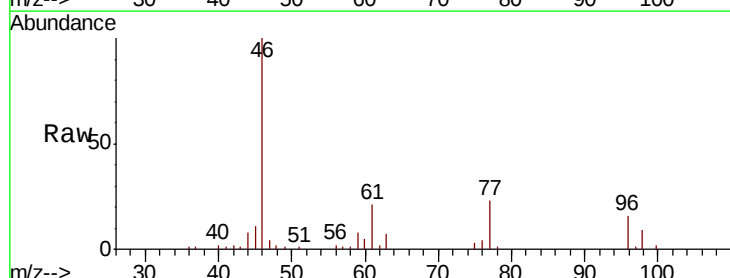
Tgt Ion: 96 Resp: 4707

Ion Ratio Lower Upper

96 100

61 133.1 95.0 176.4

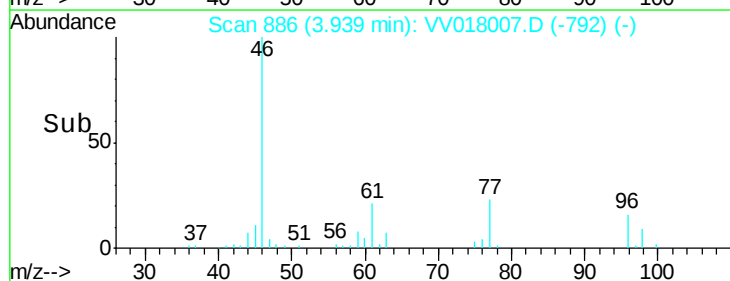
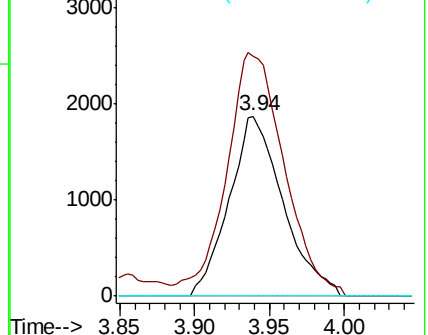
68 0.0 0.0 0.0

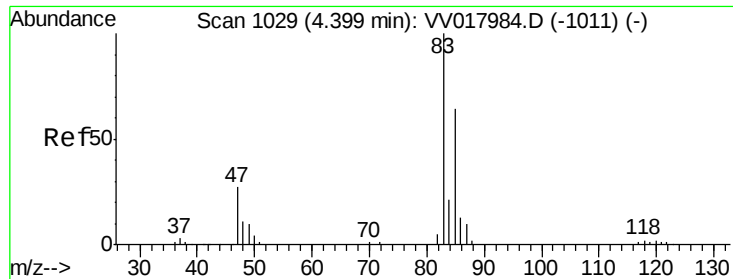


Abundance Ion 96.00 (95.70 to 96.70): VV018007.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV018007.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV018007.D (-792) (-)

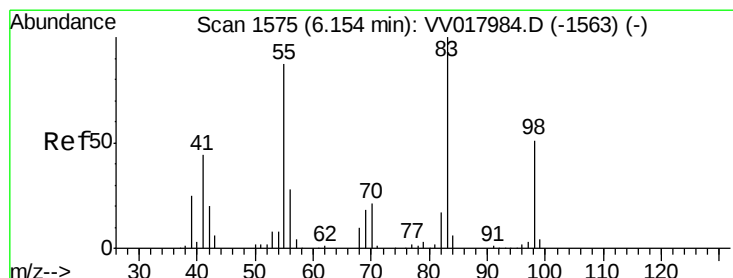
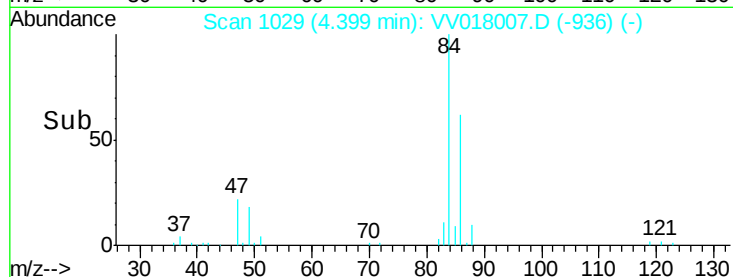
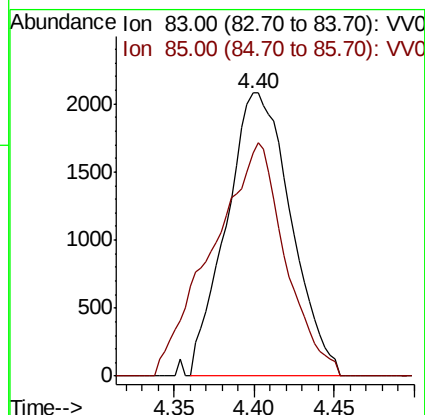
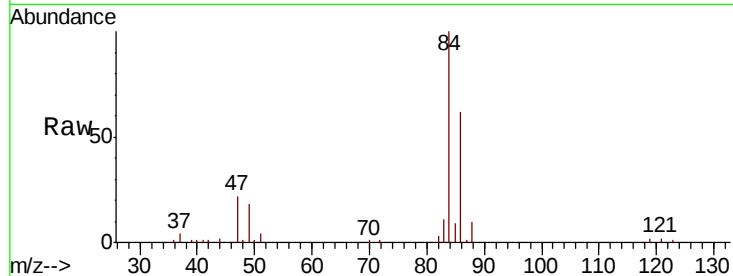




#25
Chloroform
Concen: 1.820 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018007.D
Acq: 14 Aug 2020 19:23

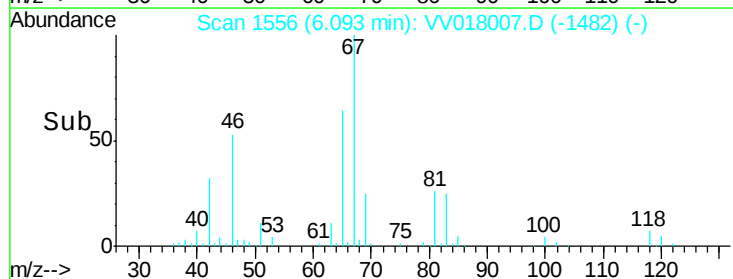
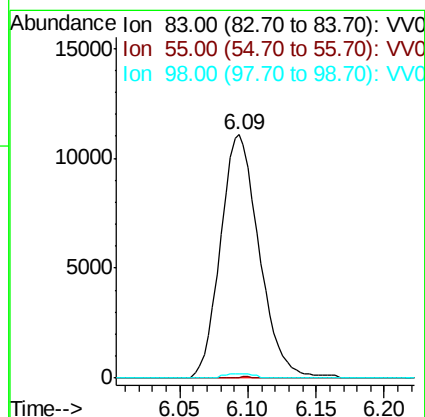
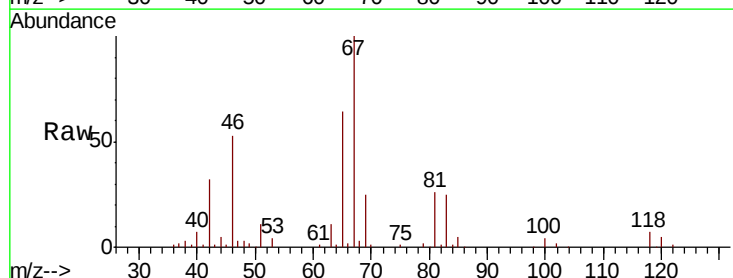
Instrument :
MSVOA_V
ClientSampleId :
F4L30

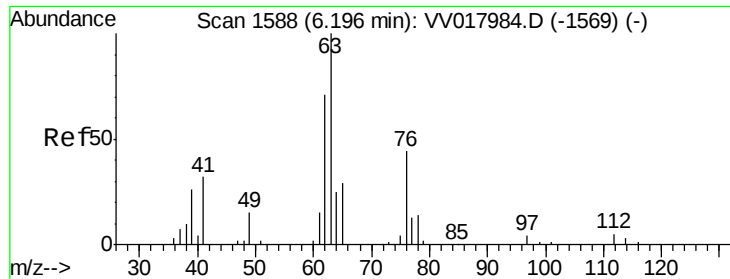
Tot Ion: 83 Resp: 5783
Ion Ratio Lower Upper
83 100
85 78.9 45.5 84.5



#35
Methylcyclohexane
Concen: 7.902 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018007.D
Acq: 14 Aug 2020 19:23

Tgt Ion: 83 Resp: 21802
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 1.3 38.7 58.1#

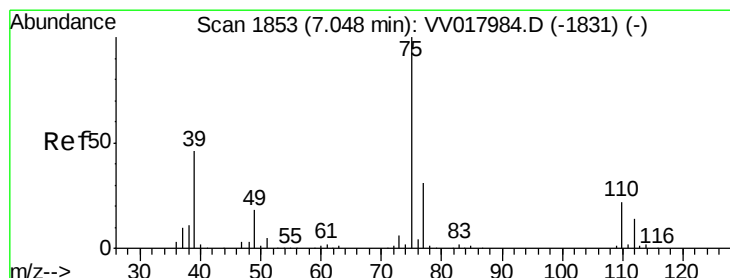
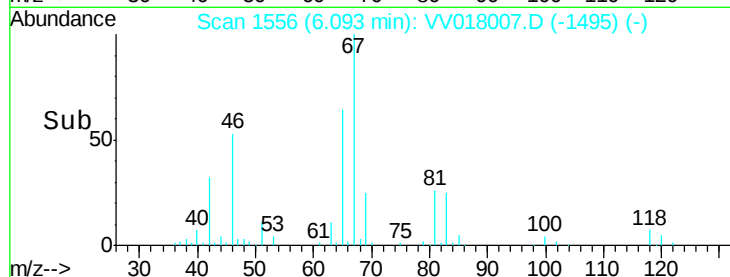
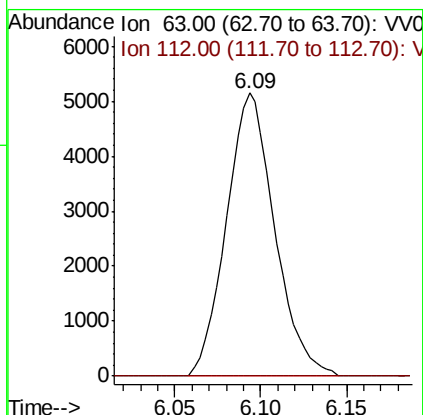
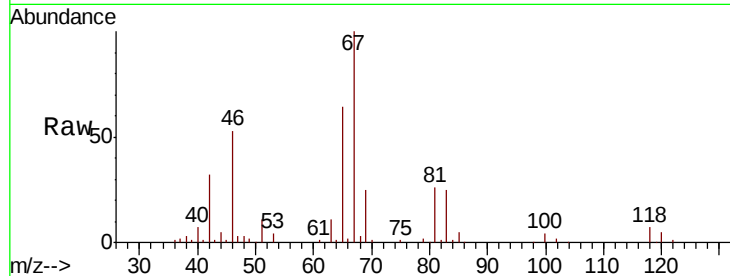




#37
 1,2-Dichloropropane
 Concen: 5.240 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018007.D
 Acq: 14 Aug 2020 19:23

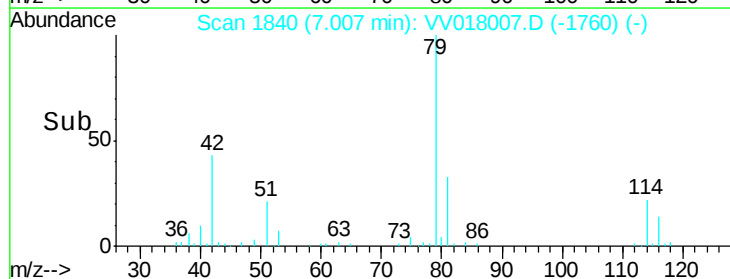
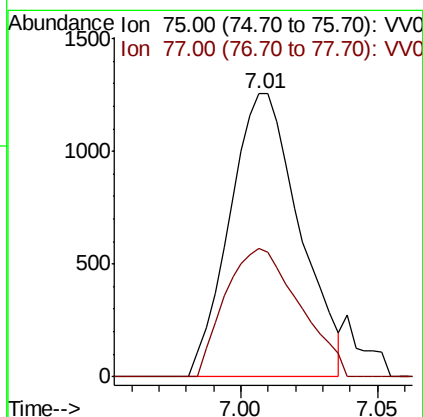
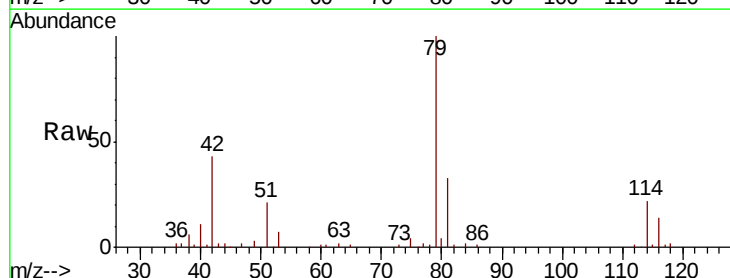
Instrument :
 MSVOA_V
 ClientSampleId :
 F4L30

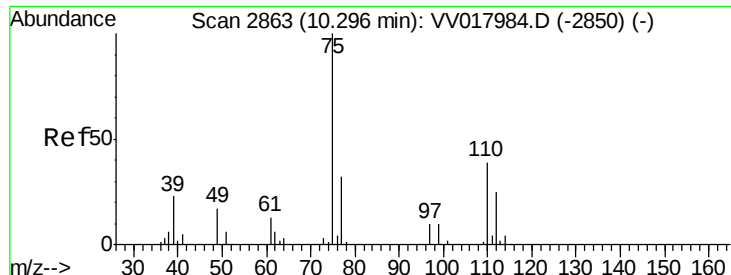
Tot Ion: 63 Resp: 10031
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.820 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018007.D
 Acq: 14 Aug 2020 19:23

Tgt Ion: 75 Resp: 2224
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.323 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018007.D

Acq: 14 Aug 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

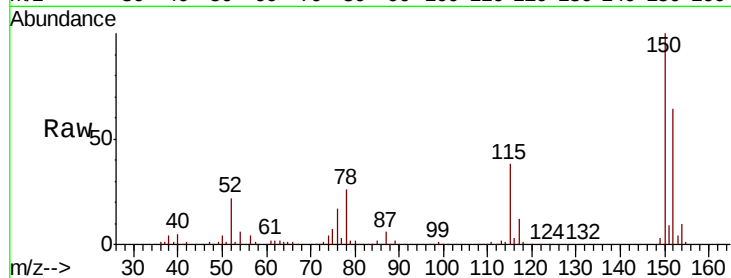
F4L30

Tot Ion: 75 Resp: 12583

Ion Ratio Lower Upper

75 100

77 37.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

