

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017993.D
 Acq On : 14 Aug 2020 13:30
 Operator : SY/MD
 Sample : L3665-01DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M27DL

Quant Time: Aug 17 01:35:54 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	250776	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	247791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64570	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.50%
7) Chloroethane-d5	1.58	69	60410	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.18%
11) 1,1-Dichloroethene-d2	2.12	63	102911	28.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.24%#
21) 2-Butanone-d5	3.91	46	117180	93.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.50%
24) Chloroform-d	4.38	84	144749	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	5.06	65	100998	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
32) Benzene-d6	5.08	84	279298	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.09	67	96806	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.72%
41) Toluene-d8	7.34	98	241743	39.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.72%#
43) trans-1,3-Dichloropropene-	7.64	79	41522	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
47) 2-Hexanone-d5	8.11	63	57976	80.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127390	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	110407	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%

Target Compounds

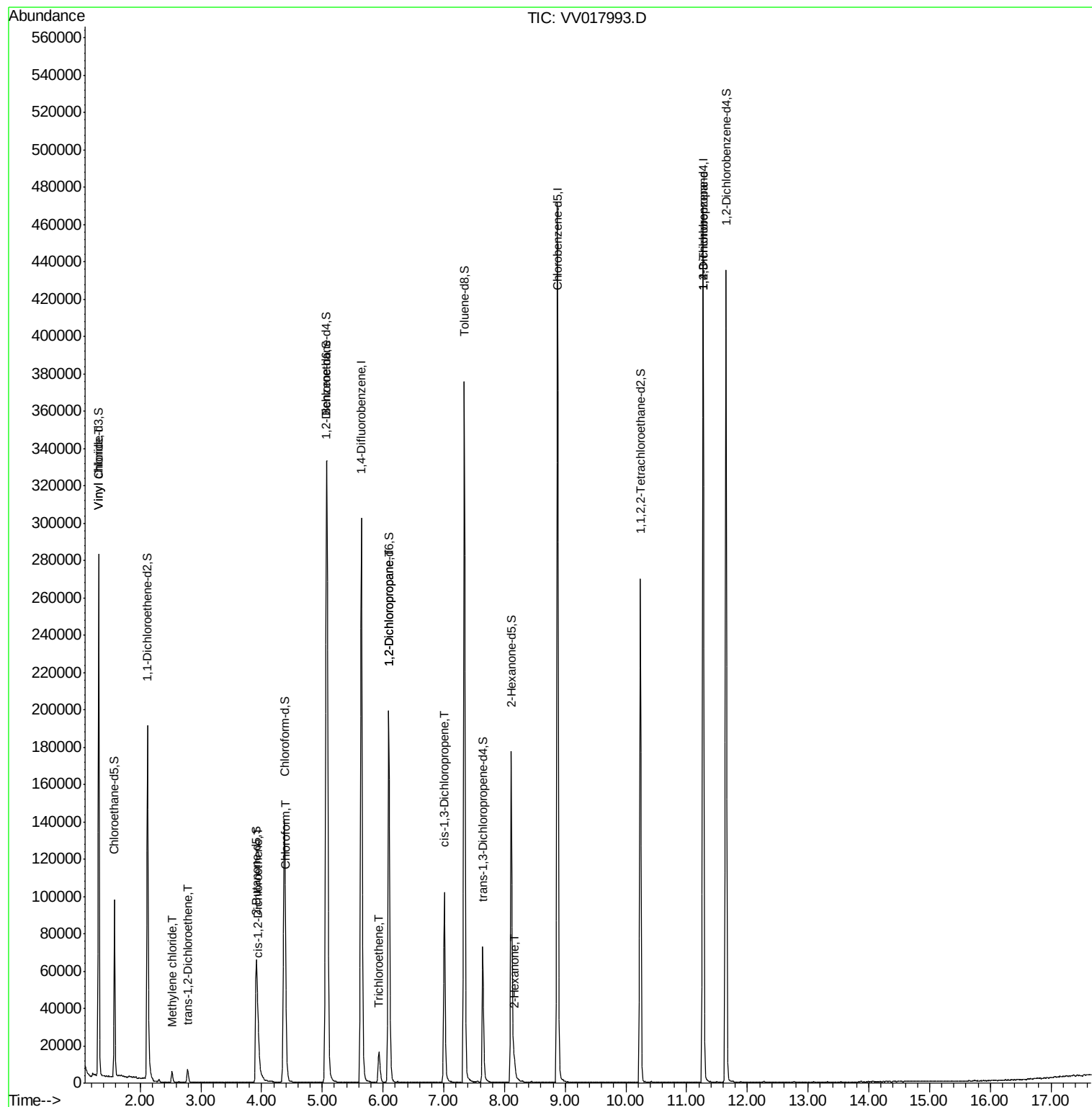
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	113113	50.762	ug/L	99
16) Methylene chloride	2.52	84	2256	1.053	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	2540	1.469	ug/L	93
20) cis-1,2-Dichloroethene	3.95	96	1434	0.755	ug/L	90
25) Chloroform	4.40	83	5172	1.458	ug/L	98
34) Trichloroethene	5.95	95	2244	1.107	ug/L	93
37) 1,2-Dichloropropane	6.10	63	10923	5.225	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2492	0.841	ug/L #	61
48) 2-Hexanone	8.16	43	5088	2.309	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	14035	5.436	ug/L	90

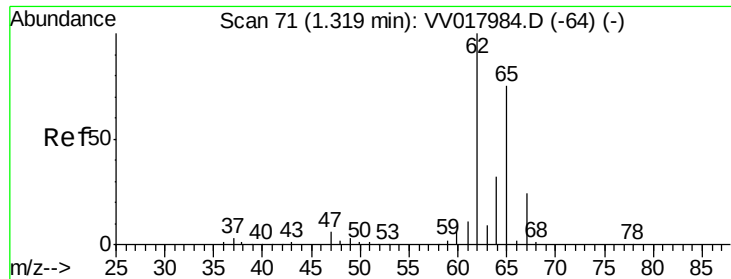
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 50.762 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

Instrument :

MSVOA_V

ClientSampleId :

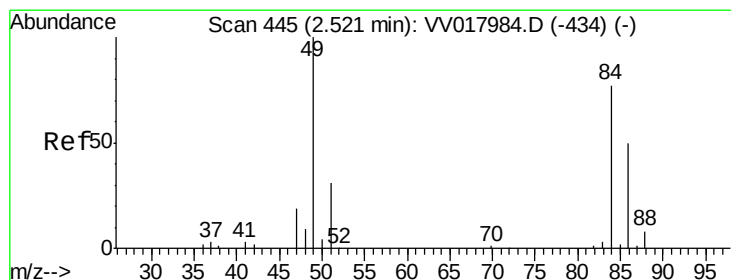
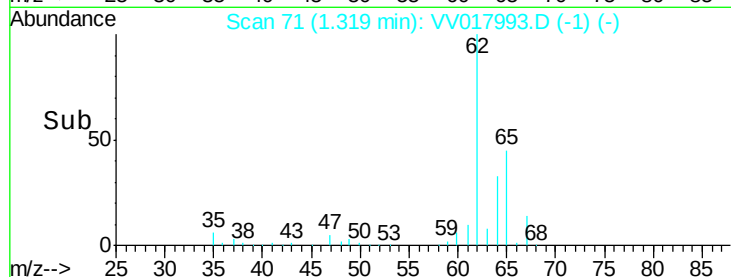
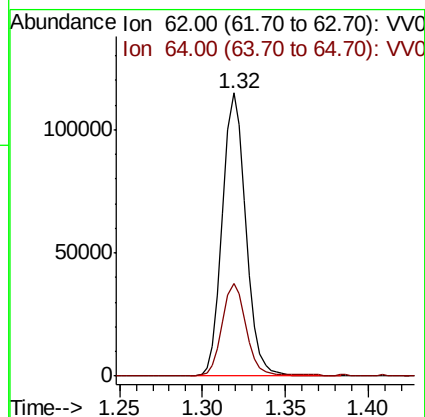
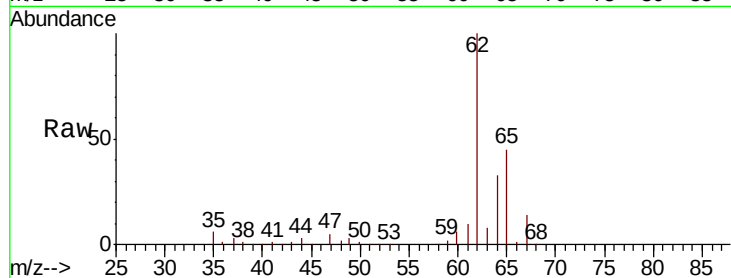
F2M27DL

Tot Ion: 62 Resp: 113113

Ion Ratio Lower Upper

62 100

64 32.7 22.4 41.6



#16

Methylene chloride

Concen: 1.053 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

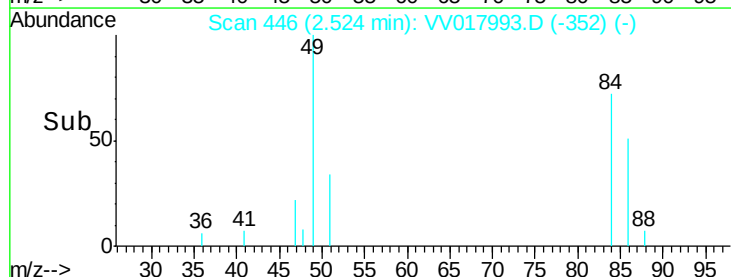
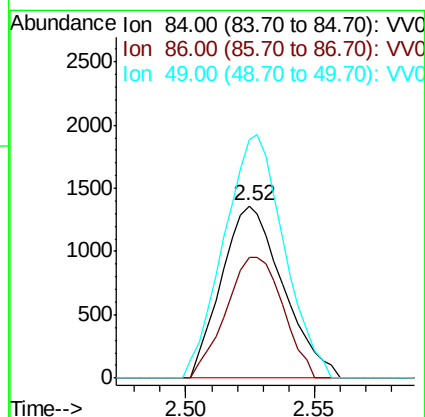
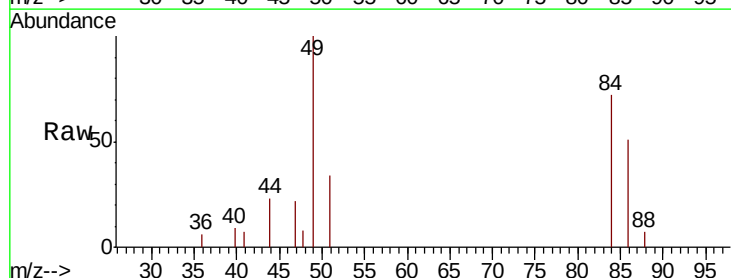
Tgt Ion: 84 Resp: 2256

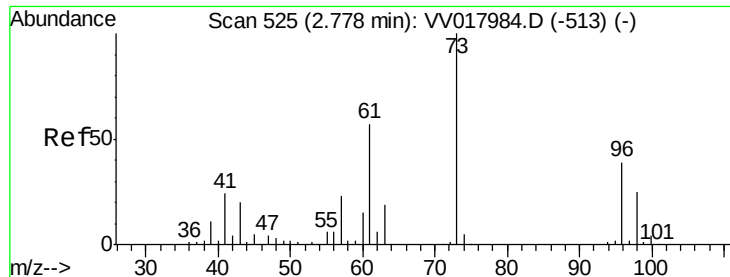
Ion Ratio Lower Upper

84 100

86 70.1 46.3 85.9

49 138.4 89.7 166.5





#17

trans-1,2-Dichloroethene

Concen: 1.469 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

Instrument :

MSVOA_V

ClientSampleId :

F2M27DL

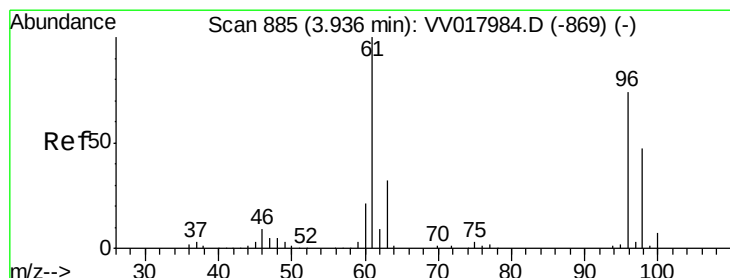
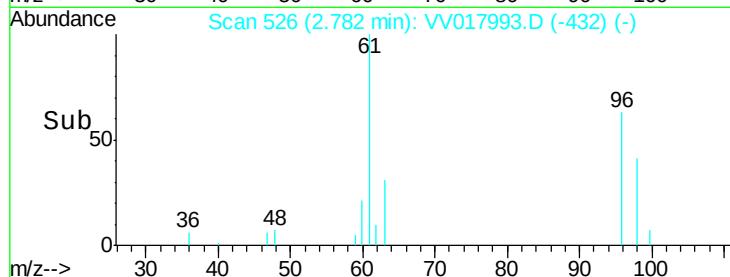
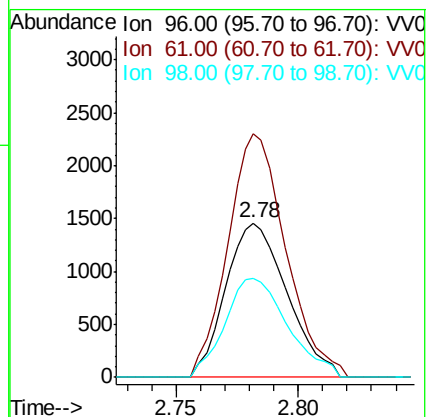
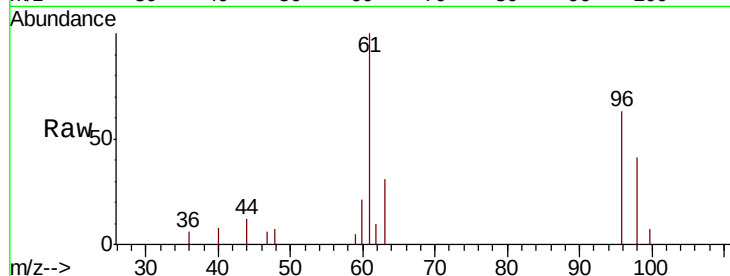
Tot Ion: 96 Resp: 2540

Ion Ratio Lower Upper

96 100

61 157.6 102.4 190.2

98 64.2 44.4 82.5



#20

cis-1,2-Dichloroethene

Concen: 0.755 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

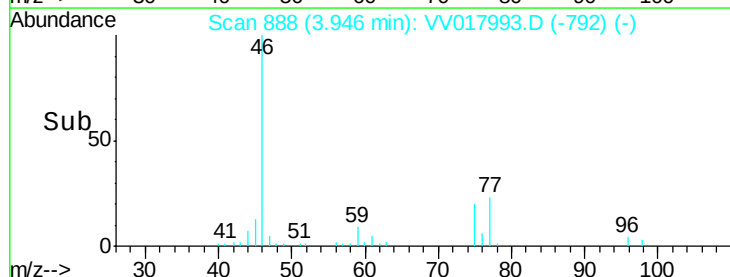
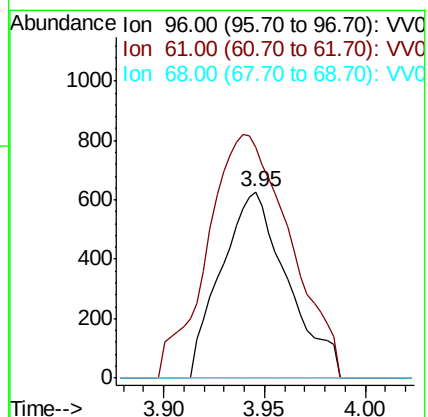
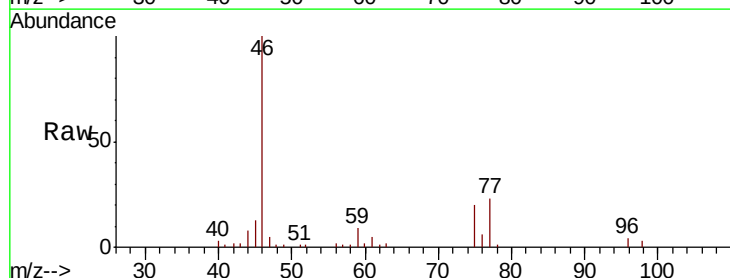
Tgt Ion: 96 Resp: 1434

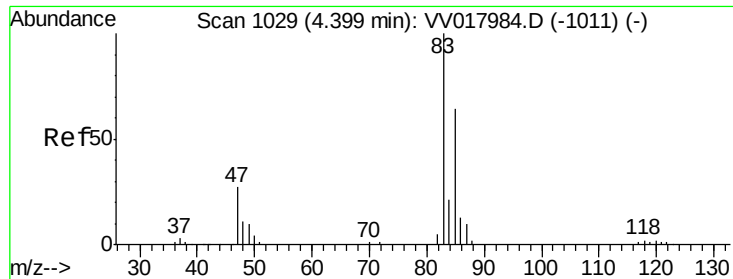
Ion Ratio Lower Upper

96 100

61 123.8 95.0 176.4

68 0.0 0.0 0.0

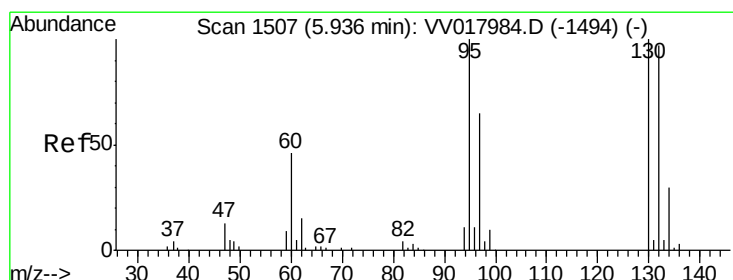
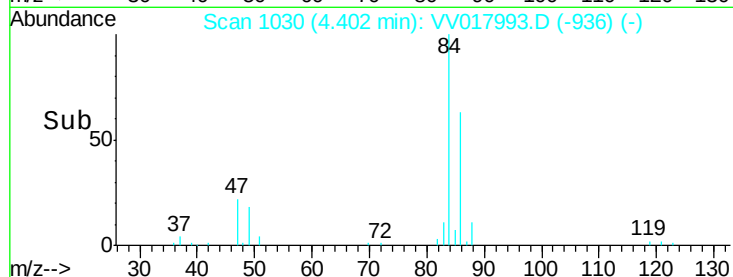
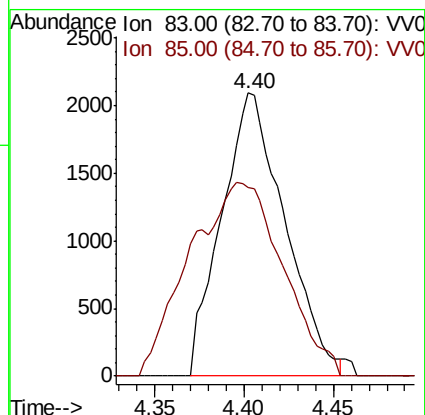
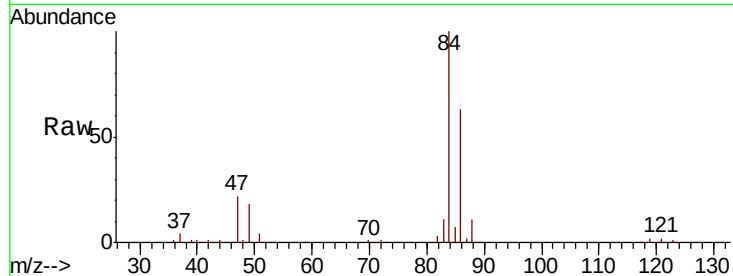




#25
Chloroform
Concen: 1.458 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017993.D
Acq: 14 Aug 2020 13:30

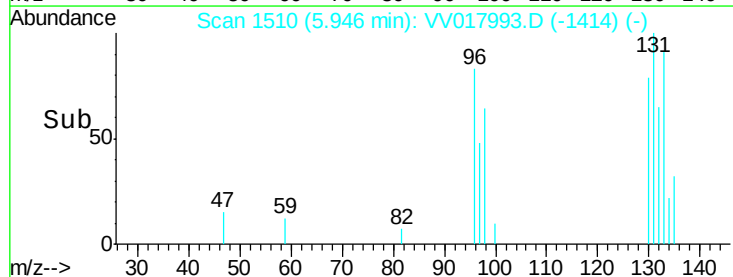
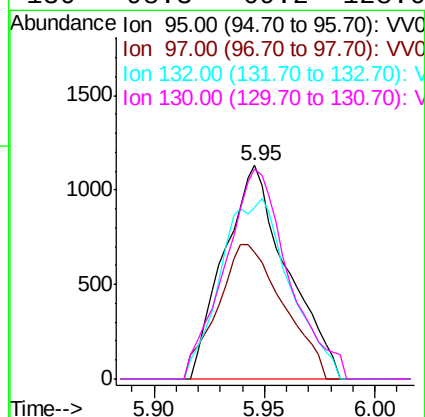
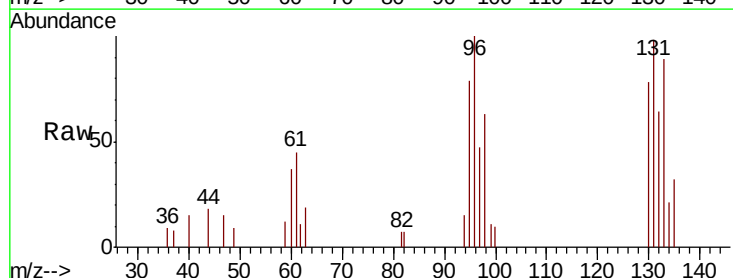
Instrument :
MSVOA_V
ClientSampleId :
F2M27DL

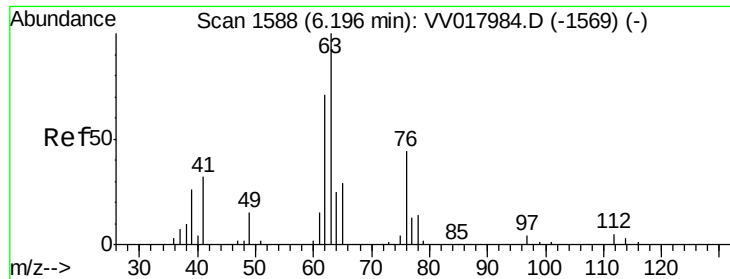
Tot Ion: 83 Resp: 5172
Ion Ratio Lower Upper
83 100
85 66.7 45.5 84.5



#34
Trichloroethene
Concen: 1.107 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017993.D
Acq: 14 Aug 2020 13:30

Tgt Ion: 95 Resp: 2244
Ion Ratio Lower Upper
95 100
97 59.4 46.0 85.4
132 80.4 65.8 122.2
130 98.3 69.2 128.6

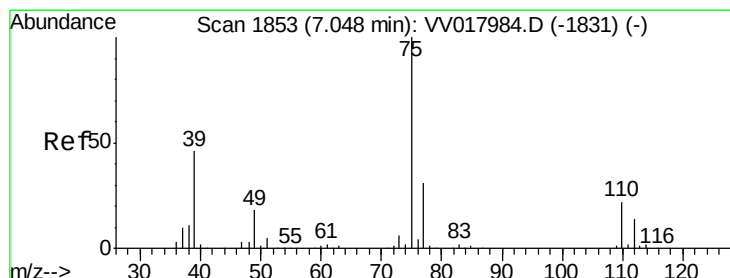
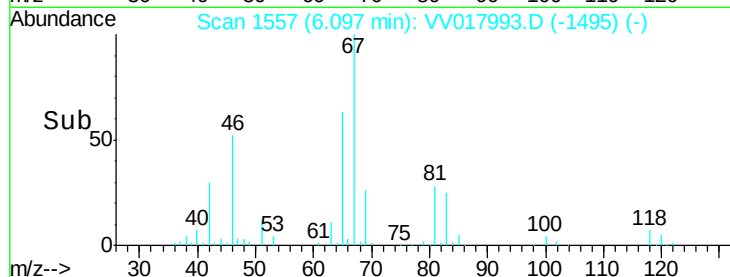
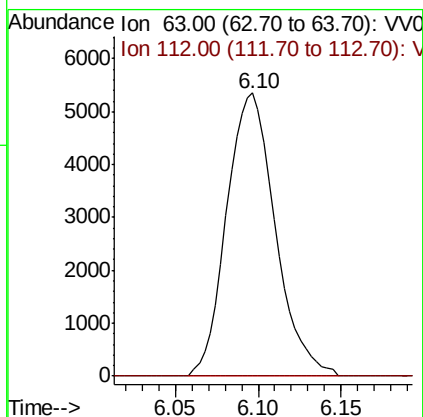
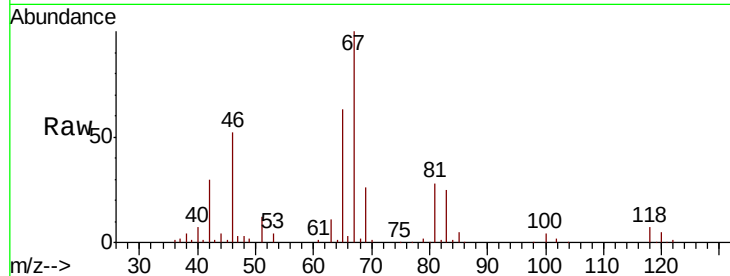




#37
 1,2-Dichloropropane
 Concen: 5.225 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017993.D
 Acq: 14 Aug 2020 13:30

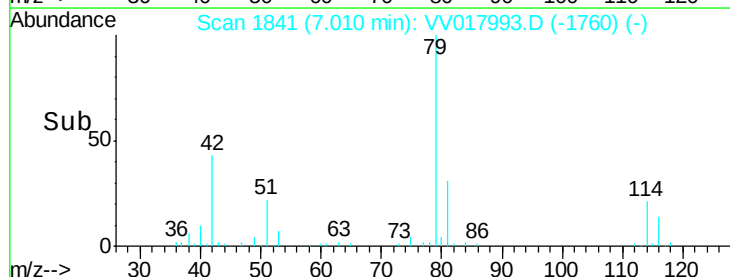
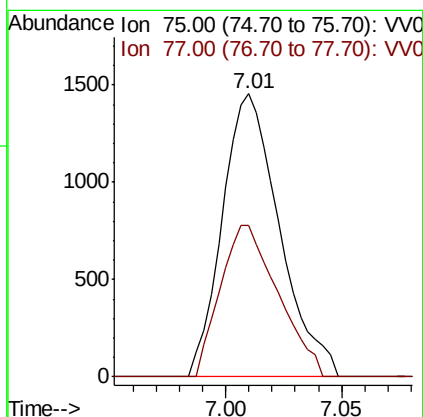
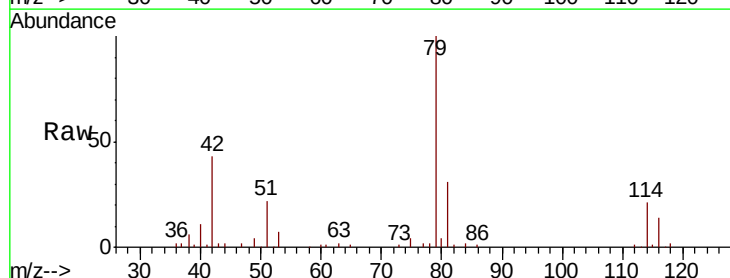
Instrument :
 MSVOA_V
 ClientSampled :
 F2M27DL

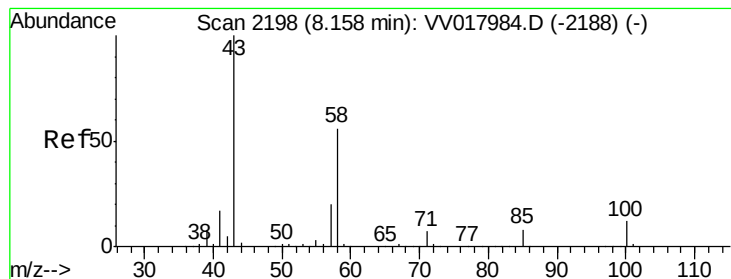
Tot Ion: 63 Resp: 10923
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.841 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017993.D
 Acq: 14 Aug 2020 13:30

Tgt Ion: 75 Resp: 2492
 Ion Ratio Lower Upper
 75 100
 77 53.5 22.3 41.5#





#48

2-Hexanone

Concen: 2.309 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

Instrument :

MSVOA_V

ClientSampleId :

F2M27DL

Tot Ion: 43 Resp: 5088

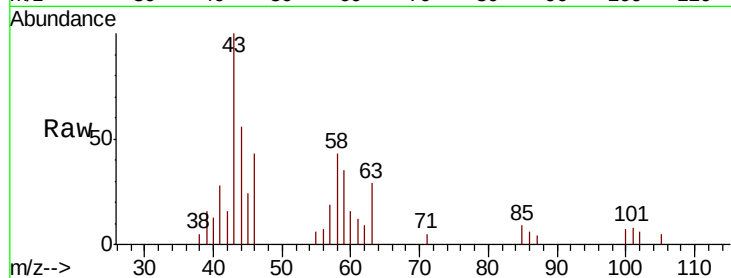
Ion Ratio Lower Upper

43 100

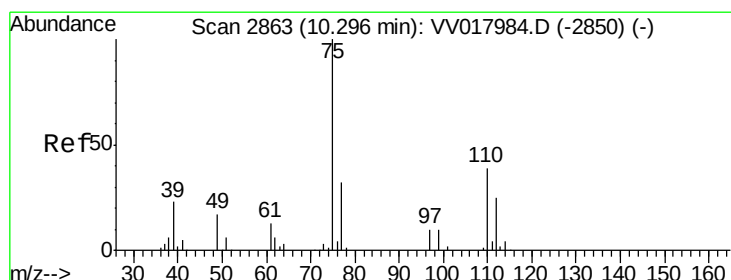
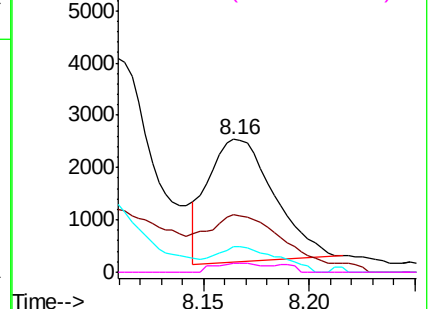
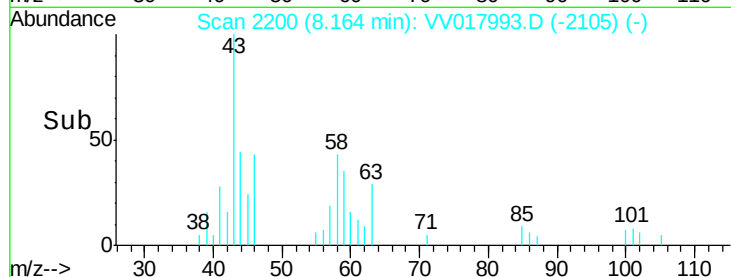
58 36.8 44.4 66.6#

57 19.9 15.2 22.8

100 2.1 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VV017993.D (-2105) (-)



#59

1,2,3-Trichloropropane

Concen: 5.436 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV017993.D

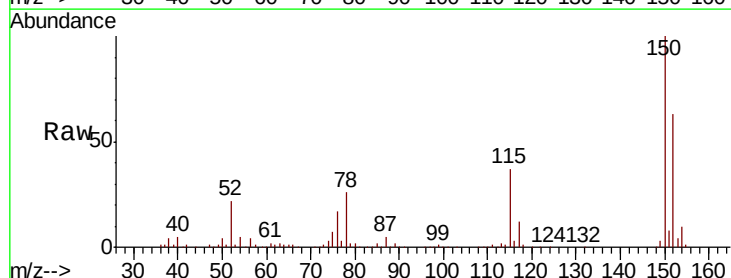
Acq: 14 Aug 2020 13:30

Tgt Ion: 75 Resp: 14035

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV017993.D (-2241) (-)

