

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016765.D
 Acq On : 10 Jun 2020 13:39
 Operator : SY/MD
 Sample : L2901-23DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS4DL

Quant Time: Jun 11 01:06:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379332	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357983	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177945	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120958	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.38%
7) Chloroethane-d5	1.57	69	84662	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.42%
11) 1,1-Dichloroethene-d2	2.12	63	161141	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
21) 2-Butanone-d5	3.89	46	185415	93.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.59%
24) Chloroform-d	4.37	84	241680	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.05	65	174942	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
32) Benzene-d6	5.07	84	481387	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.09	67	149301	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.82%
41) Toluene-d8	7.34	98	442605	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.64	79	74184	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.11	63	109399	78.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191039	44.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	180319	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%

Target Compounds

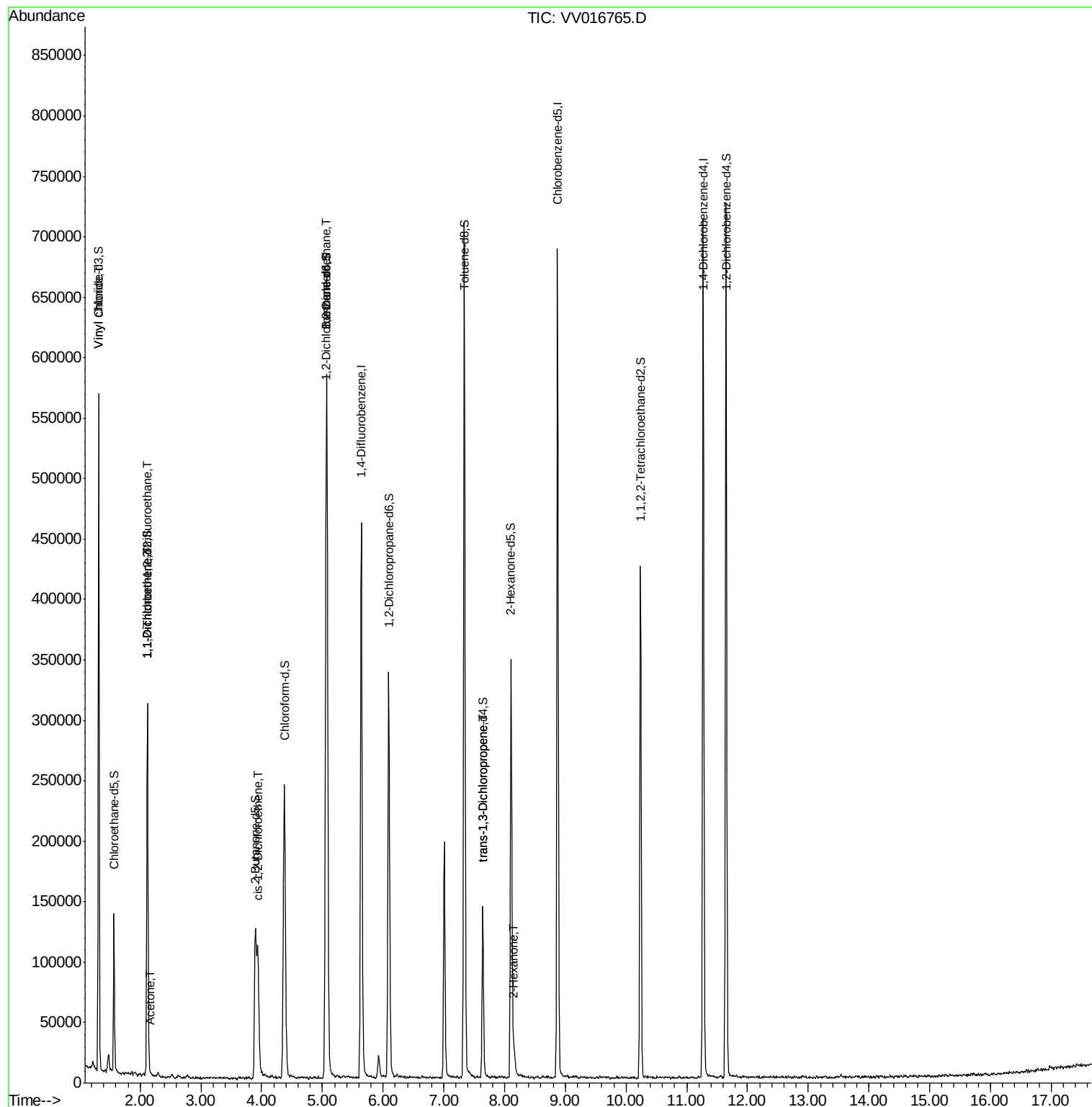
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	219566	81.183	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1472	0.730	ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1505	0.799	ug/L #	1
13) Acetone	2.17	43	1328	1.017	ug/L	72
20) cis-1,2-Dichloroethene	3.94	96	49260	17.602	ug/L	94
27) 1,2-Dichloroethane	5.07	62	3858	0.927	ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	3844	0.924	ug/L #	73
48) 2-Hexanone	8.16	43	11717	3.872	ug/L #	89

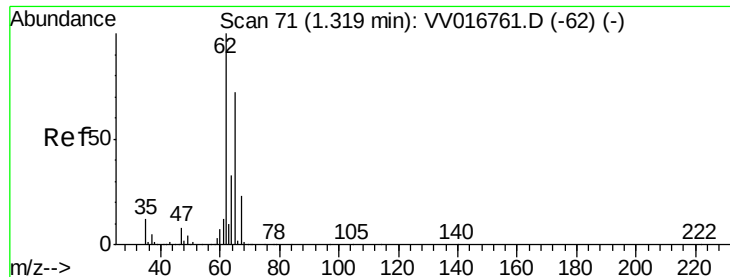
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061020\
Data File : VV016765.D
Acq On : 10 Jun 2020 13:39
Operator : SY/MD
Sample : L2901-23DL 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTS4DL

Quant Time: Jun 11 01:06:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 81.183 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016765.D

Acq: 10 Jun 2020 13:39

Instrument :

MSVOA_V

ClientSampleId :

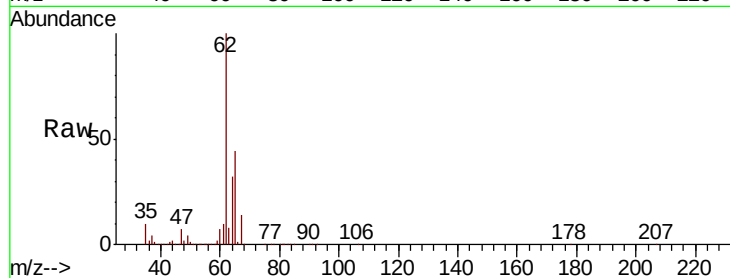
ETTS4DL

Tot Ion: 62 Resp: 219566

Ion Ratio Lower Upper

62 100

64 32.3 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

250000

200000

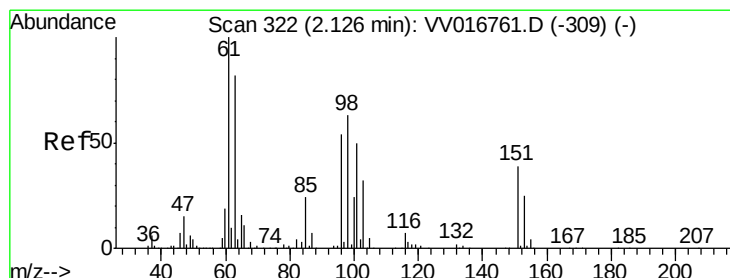
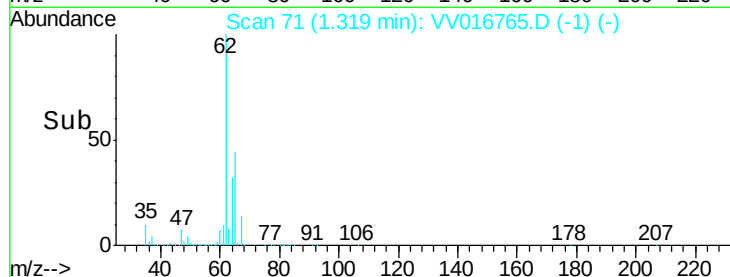
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#10

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

Concen: 0.730 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016765.D

Acq: 10 Jun 2020 13:39

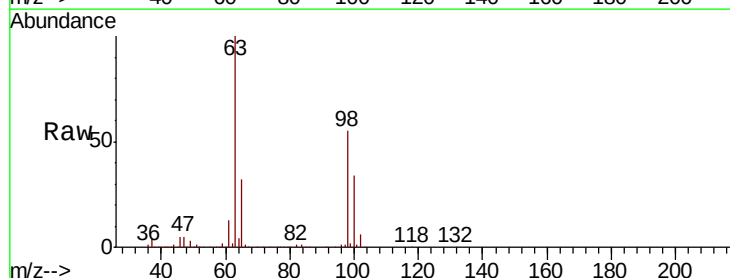
Tgt Ion: 101 Resp: 1472

Ion Ratio Lower Upper

101 100

85 1.5 35.5 53.3#

151 0.0 63.9 95.9#



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

2.12

1200

1000

800

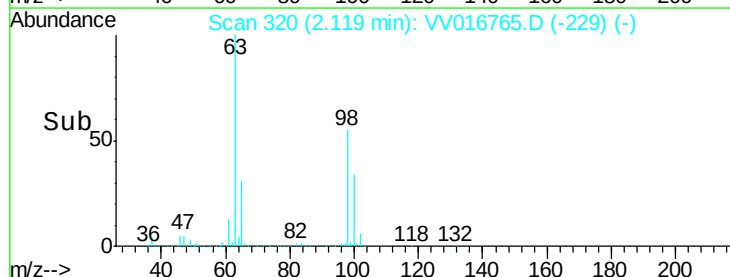
600

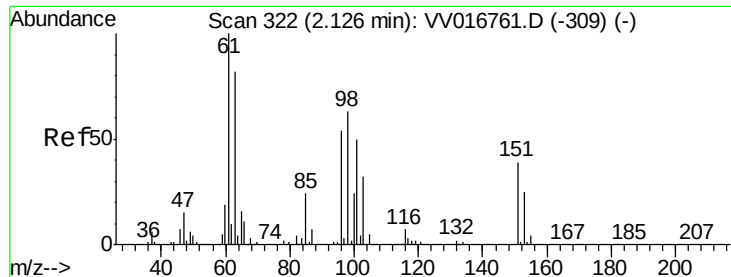
400

200

0

Time--> 2.10 2.15





#12

1,1-Dichloroethene

Concen: 0.799 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016765.D

Acq: 10 Jun 2020 13:39

Instrument :

MSVOA_V

ClientSampleId :

ETTS4DL

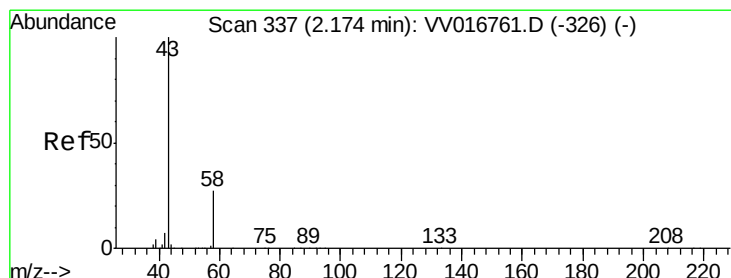
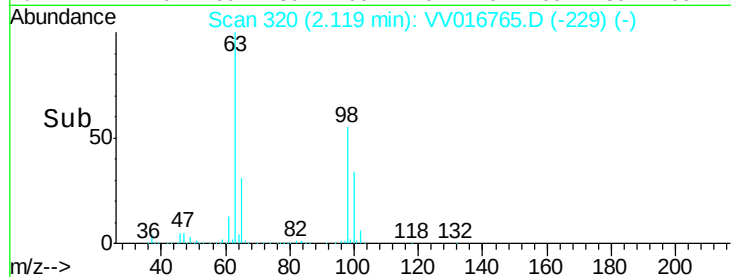
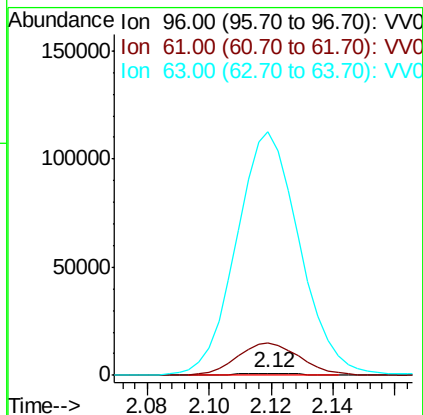
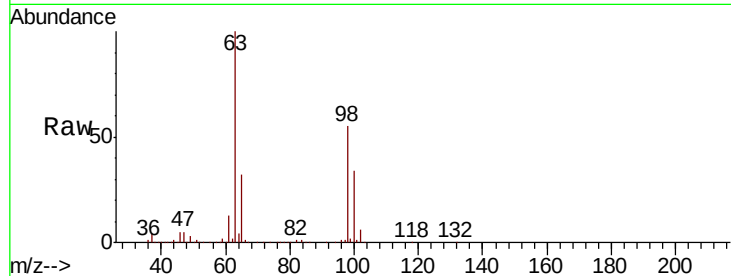
Tot Ion: 96 Resp: 1505

Ion Ratio Lower Upper

96 100

61 1556.7 130.4 242.2#

63 11630.6 103.3 191.9#



#13

Acetone

Concen: 1.017 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016765.D

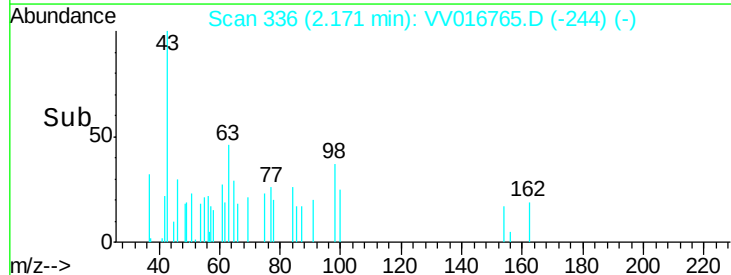
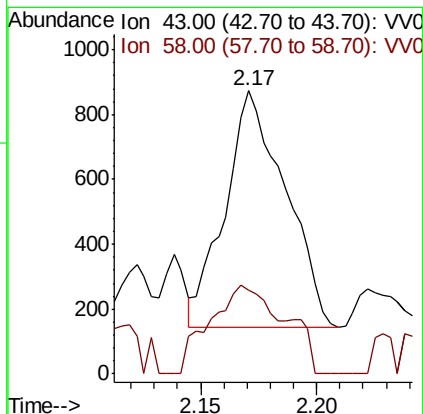
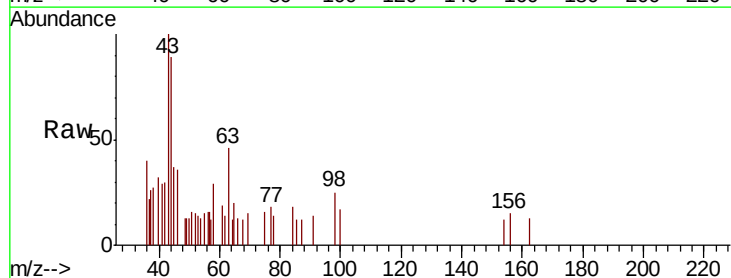
Acq: 10 Jun 2020 13:39

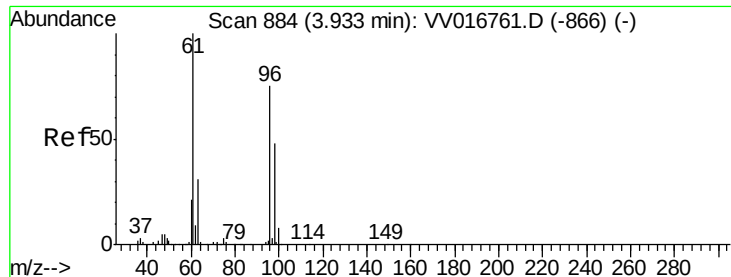
Tgt Ion: 43 Resp: 1328

Ion Ratio Lower Upper

43 100

58 13.0 0.0 55.2





#20

cis-1,2-Dichloroethene

Concen: 17.602 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV016765.D

Acq: 10 Jun 2020 13:39

Instrument :

MSVOA_V

ClientSampleId :

ETTS4DL

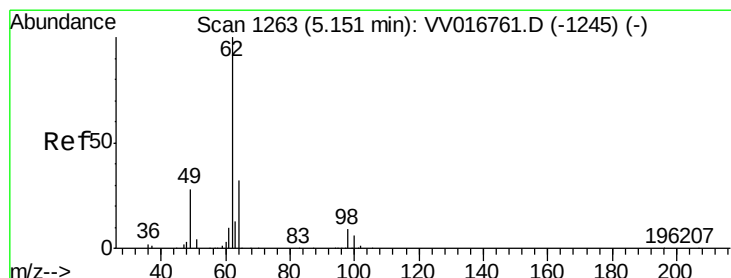
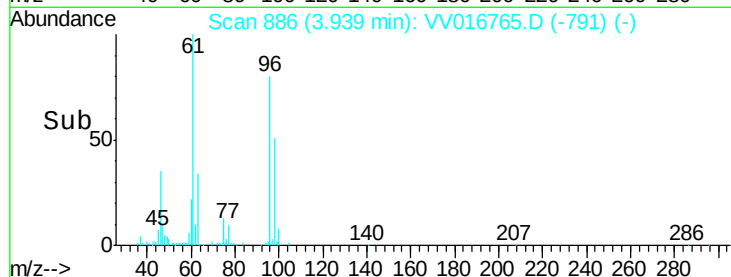
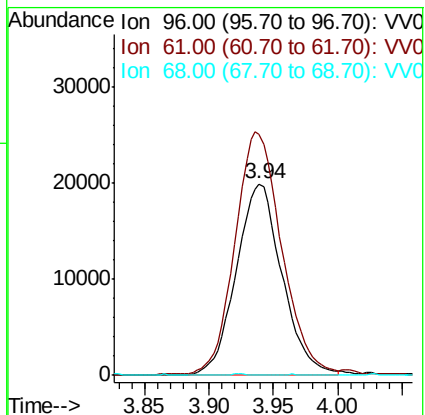
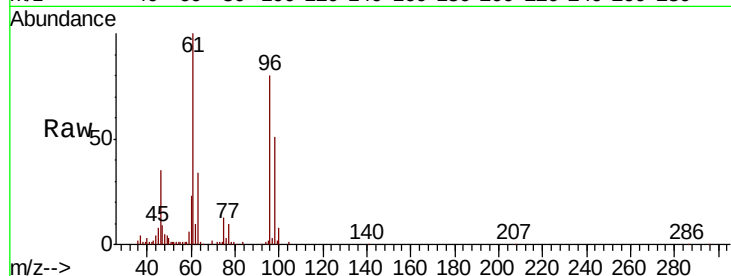
Tot Ion: 96 Resp: 49260

Ion Ratio Lower Upper

96 100

61 125.8 93.4 173.4

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.927 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016765.D

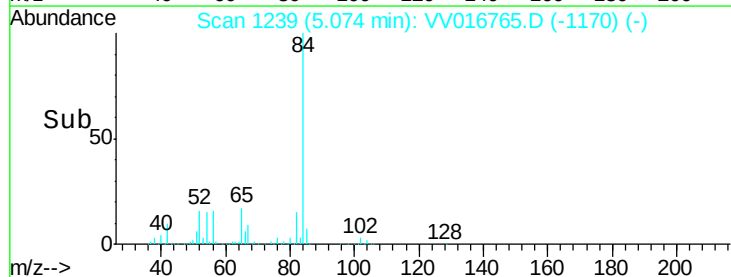
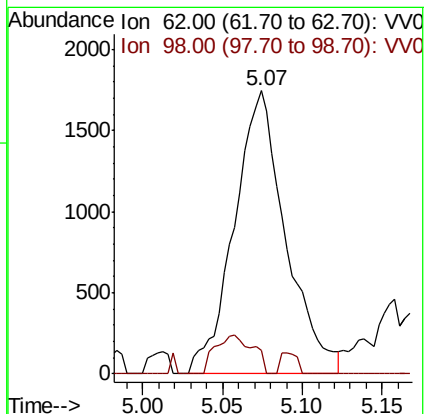
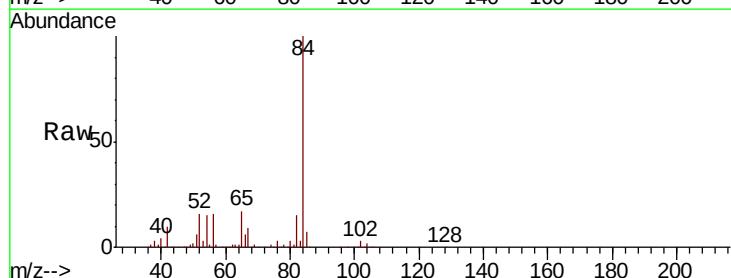
Acq: 10 Jun 2020 13:39

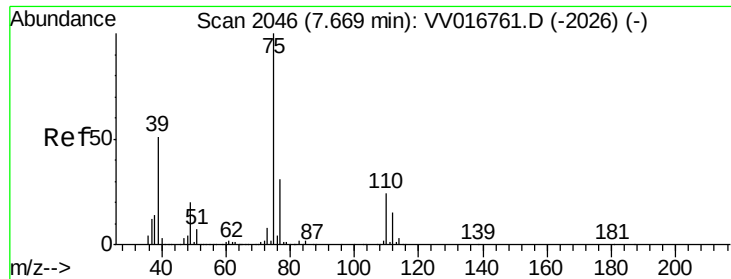
Tgt Ion: 62 Resp: 3858

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.2





#44

trans-1,3-Dichloropropene

Concen: 0.924 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016765.D

Acq: 10 Jun 2020 13:39

Instrument :

MSVOA_V

ClientSampleId :

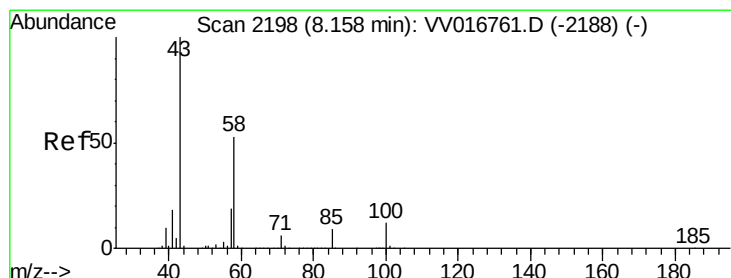
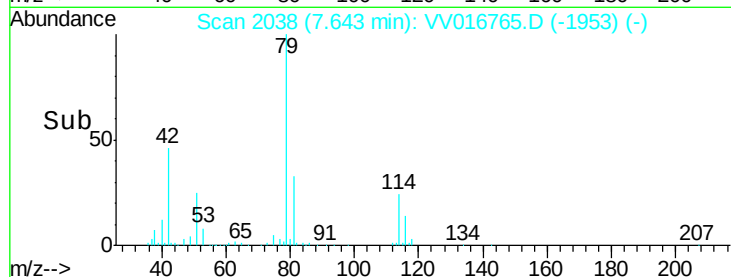
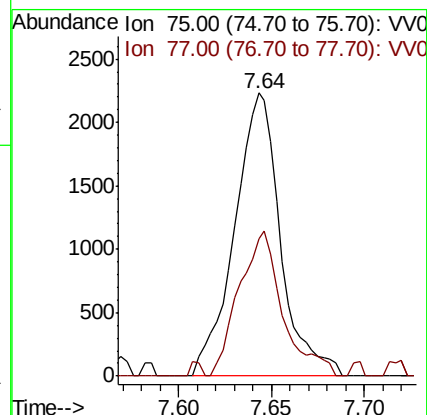
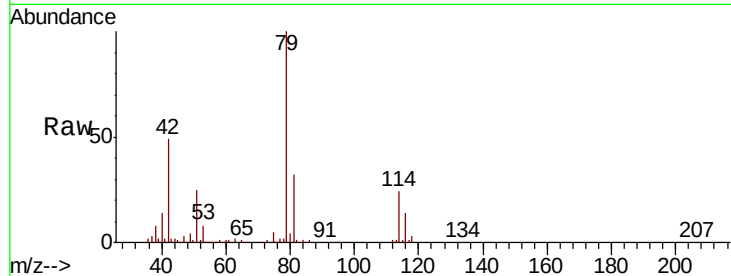
ETTS4DL

Tot Ion: 75 Resp: 3844

Ion Ratio Lower Upper

75 100

77 45.9 21.7 40.3#



#48

2-Hexanone

Concen: 3.872 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VV016765.D

Acq: 10 Jun 2020 13:39

Tgt Ion: 43 Resp: 11717

Ion Ratio Lower Upper

43 100

58 47.0 43.1 64.7

57 14.8 15.3 22.9#

100 5.2 10.0 15.0#

