

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016764.D
 Acq On : 10 Jun 2020 13:15
 Operator : SY/MD
 Sample : L2901-22DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS3DL

Quant Time: Jun 11 01:06:48 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	366809	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	136808	52.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.72%
7) Chloroethane-d5	1.55	69	62246	40.08	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.16%
11) 1,1-Dichloroethene-d2	2.11	63	156486	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	3.90	46	197235	102.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.96%
24) Chloroform-d	4.37	84	234766	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.05	65	170678	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.07	84	463576	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
36) 1,2-Dichloropropane-d6	6.09	67	141449	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.46%
41) Toluene-d8	7.33	98	425269	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.64	79	73346	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.11	63	128859	95.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200477	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	187148	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

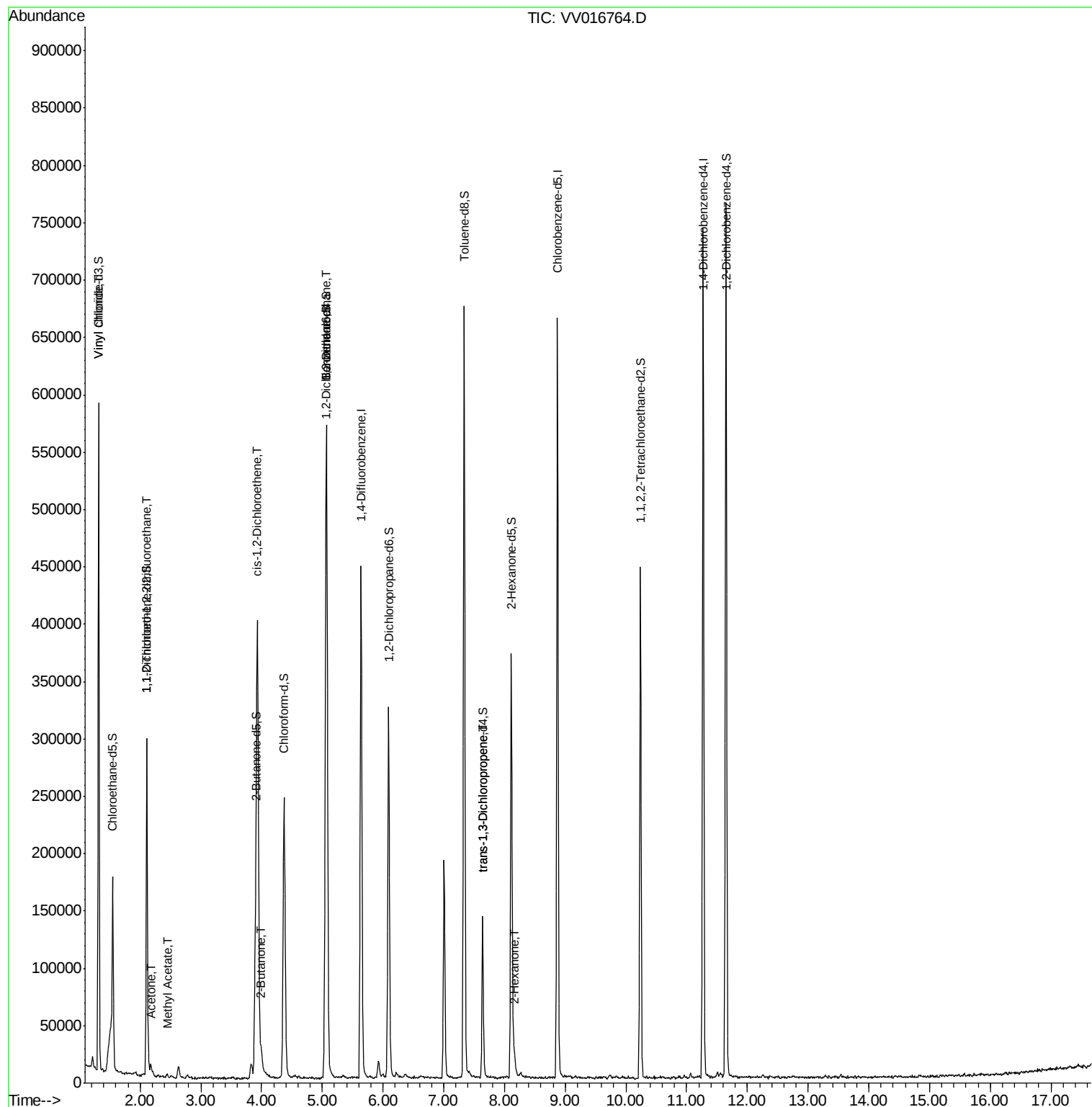
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	238955	91.369	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1606	0.824	ug/L #	20
13) Acetone	2.18	43	9633	7.632	ug/L	95
15) Methyl Acetate	2.44	43	3192	1.135	ug/L	100
20) cis-1,2-Dichloroethene	3.93	96	201411	74.427	ug/L	98
22) 2-Butanone	3.99	43	30074	15.451	ug/L	84
27) 1,2-Dichloroethane	5.06	62	3838	0.953	ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	4032	1.008	ug/L #	74
48) 2-Hexanone	8.17	43	10009	3.439	ug/L #	71

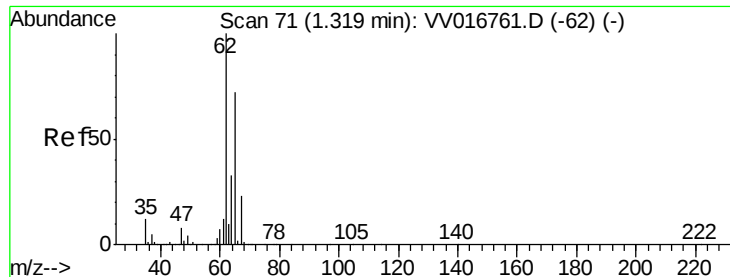
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 91.369 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016764.D

Acq: 10 Jun 2020 13:15

Instrument :

MSVOA_V

ClientSampled :

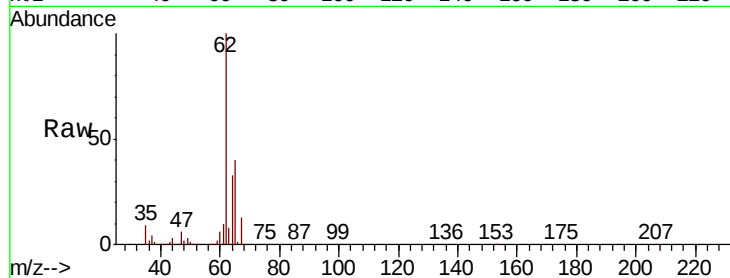
ETTS3DL

Tot Ion: 62 Resp: 238955

Ion Ratio Lower Upper

62 100

64 33.1 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV016764.D (-62) (-)

Ion 64.00 (63.70 to 64.70): VV016764.D (-62) (-)

1.32

250000

200000

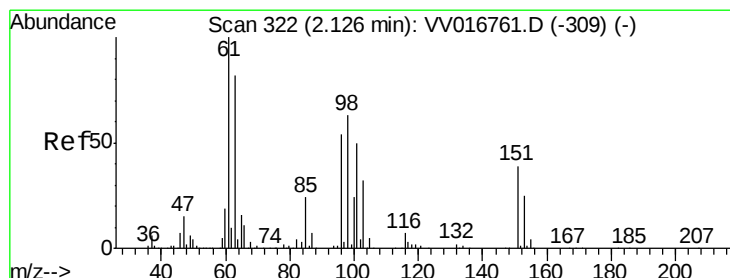
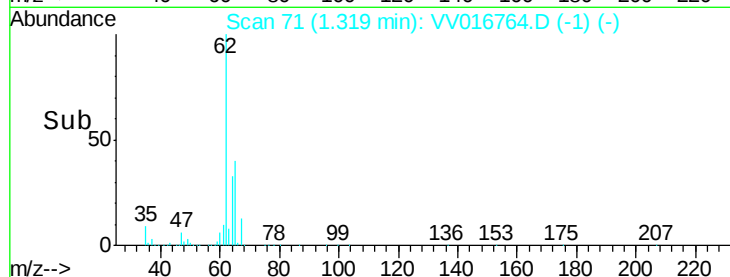
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#10

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

Concen: 0.824 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV016764.D

Acq: 10 Jun 2020 13:15

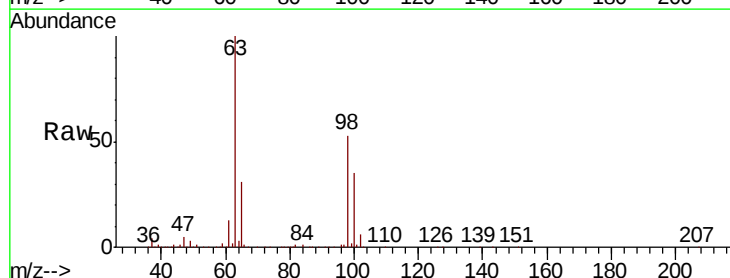
Tgt Ion:101 Resp: 1606

Ion Ratio Lower Upper

101 100

85 4.0 35.5 53.3#

151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016764.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV016764.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV016764.D (-309) (-)

1200

1000

800

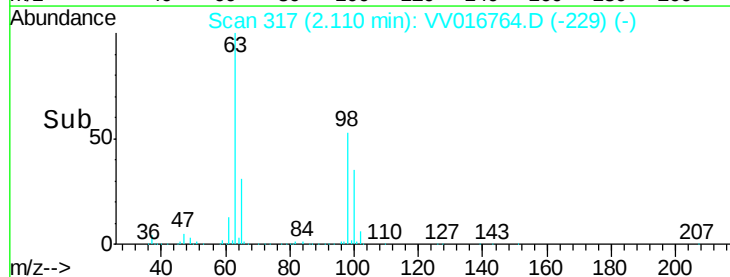
600

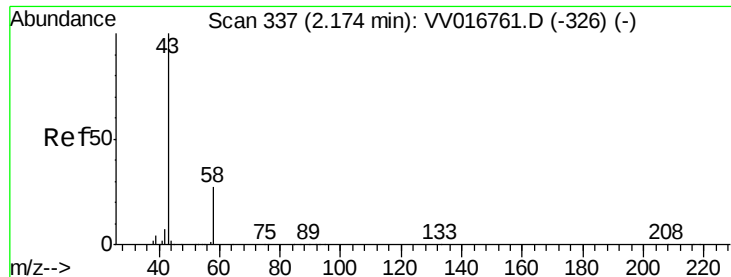
400

200

0

Time--> 2.10 2.15





#13

Acetone

Concen: 7.632 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV016764.D

Acq: 10 Jun 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

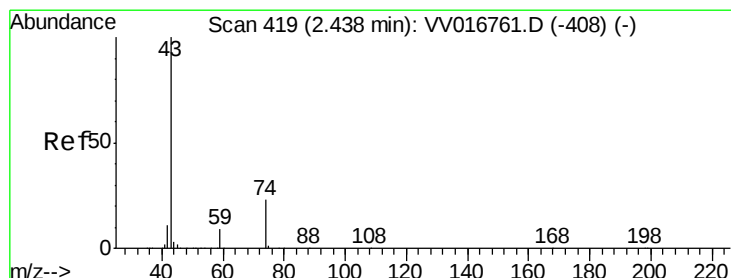
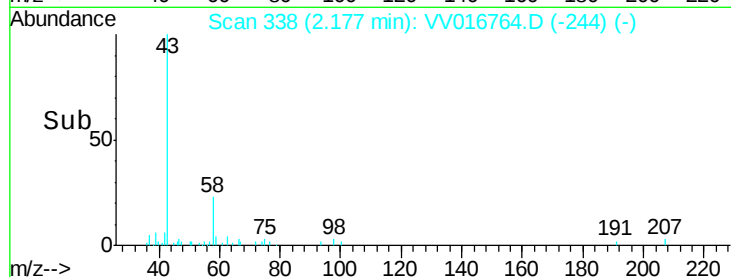
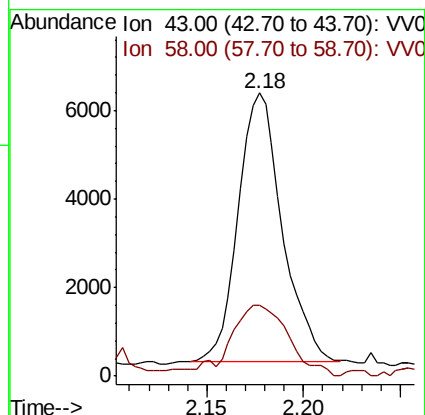
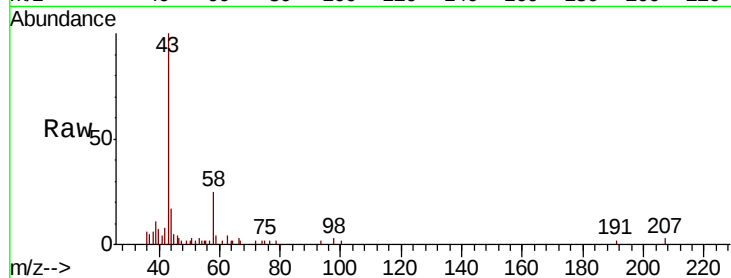
ETTS3DL

Tot Ion: 43 Resp: 9633

Ion Ratio Lower Upper

43 100

58 25.0 0.0 55.2



#15

Methyl Acetate

Concen: 1.135 ug/L

RT: 2.44 min Scan# 421

Delta R.T. 0.01 min

Lab File: VV016764.D

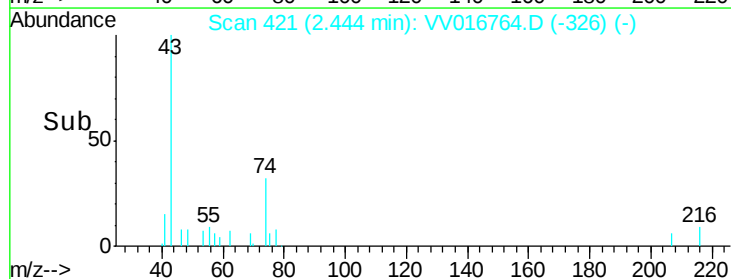
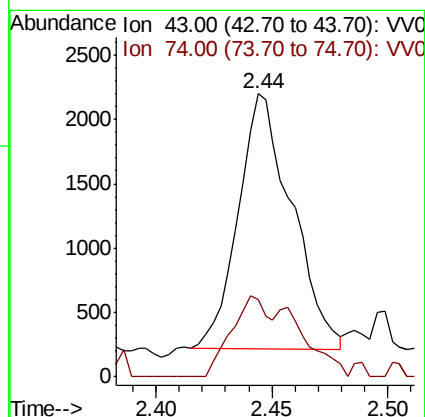
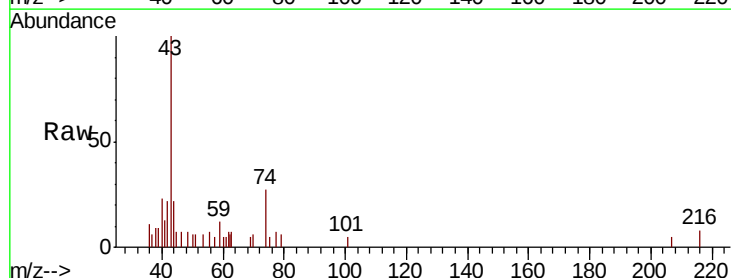
Acq: 10 Jun 2020 13:15

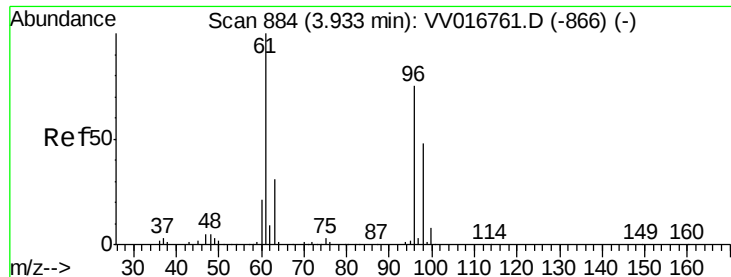
Tgt Ion: 43 Resp: 3192

Ion Ratio Lower Upper

43 100

74 22.5 17.9 26.9

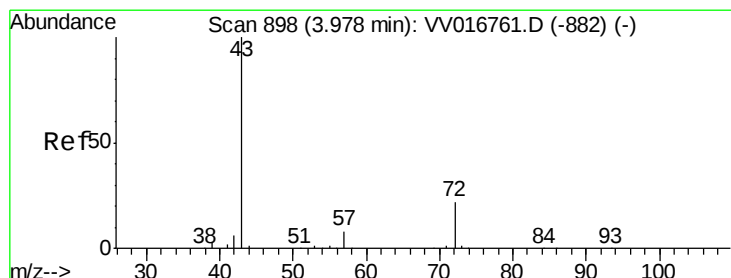
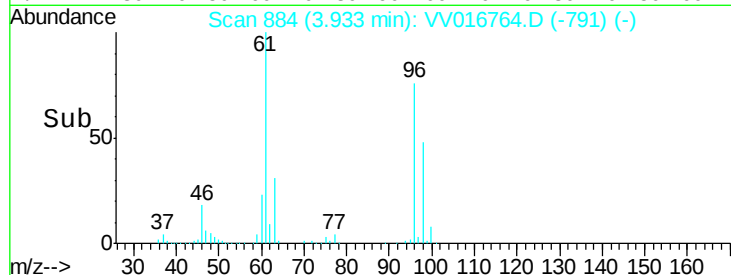
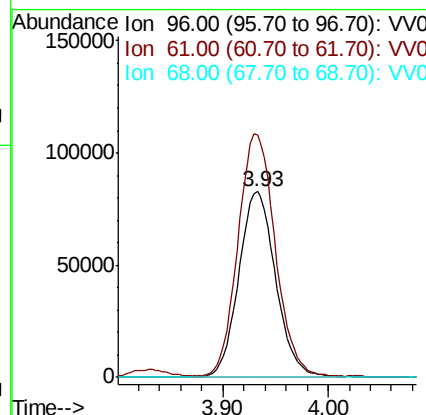
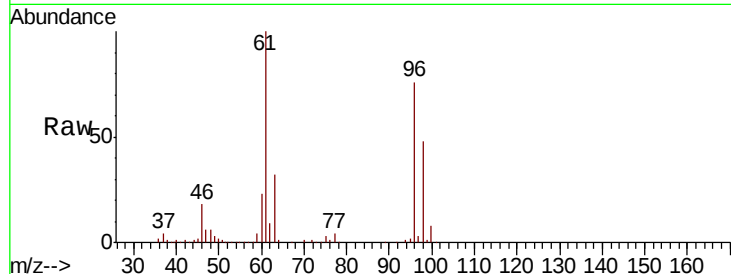




#20
 cis-1,2-Dichloroethene
 Concen: 74.427 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV016764.D
 Acq: 10 Jun 2020 13:15

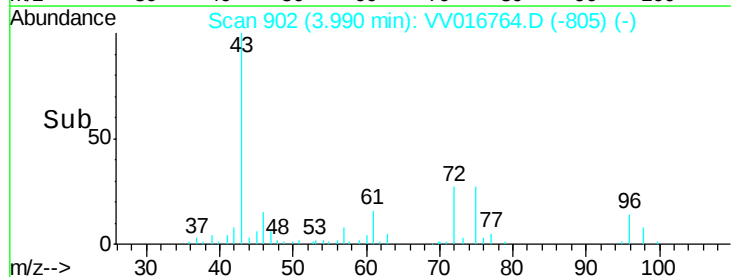
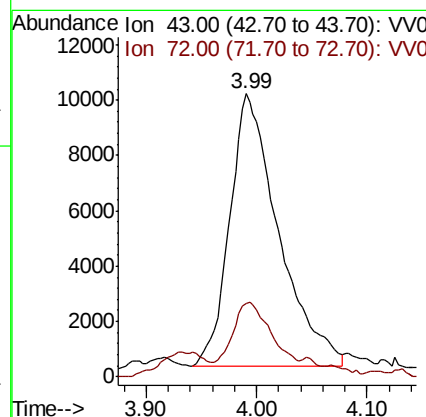
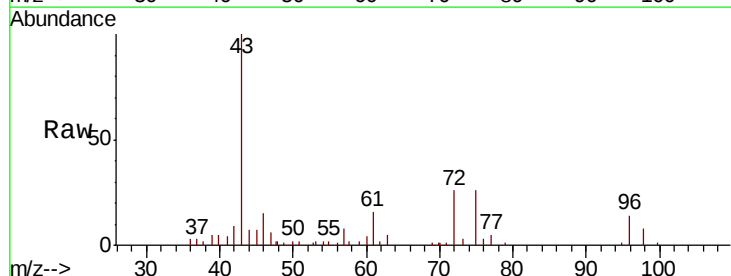
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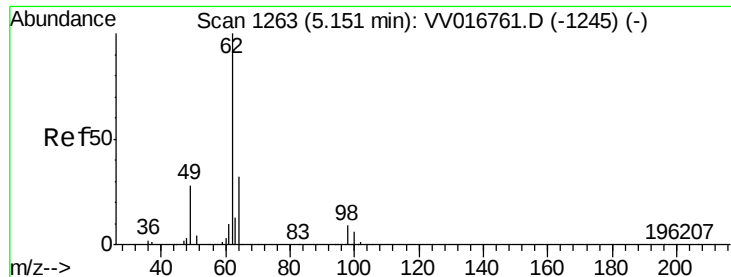
Tot Ion: 96 Resp: 201411
 Ion Ratio Lower Upper
 96 100
 61 130.9 93.4 173.4
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 15.451 ug/L
 RT: 3.99 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: VV016764.D
 Acq: 10 Jun 2020 13:15

Tgt Ion: 43 Resp: 30074
 Ion Ratio Lower Upper
 43 100
 72 17.1 12.4 37.4





#27

1,2-Dichloroethane

Concen: 0.953 ug/L

RT: 5.06 min Scan# 1236

Delta R.T. -0.09 min

Lab File: VV016764.D

Acq: 10 Jun 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

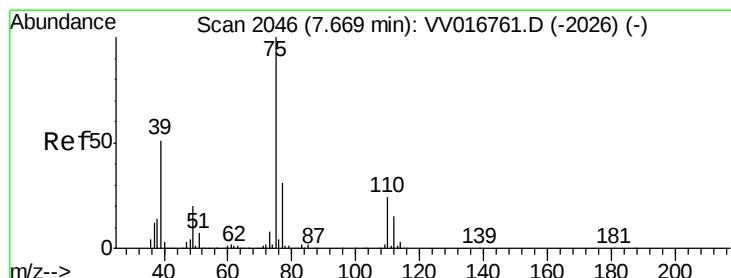
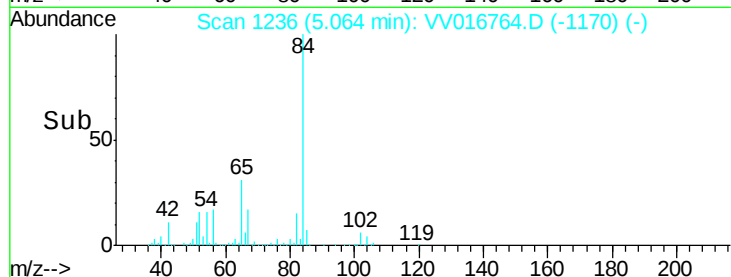
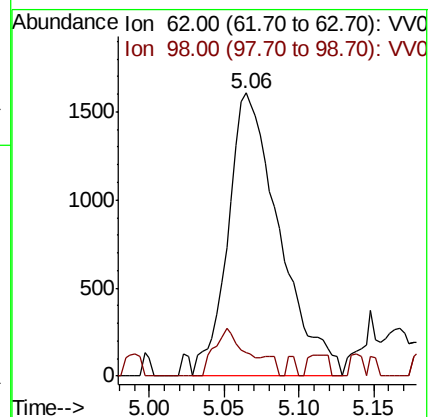
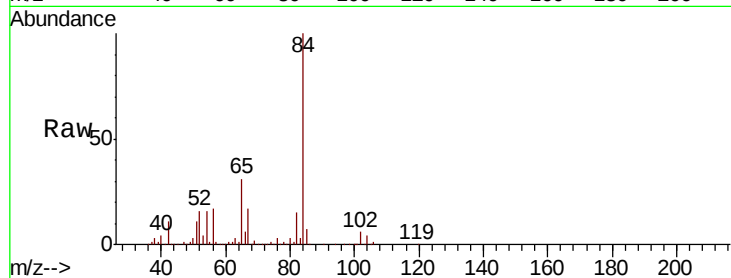
ETTS3DL

Tot Ion: 62 Resp: 3838

Ion Ratio Lower Upper

62 100

98 8.3 7.4 11.2



#44

trans-1,3-Dichloropropene

Concen: 1.008 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016764.D

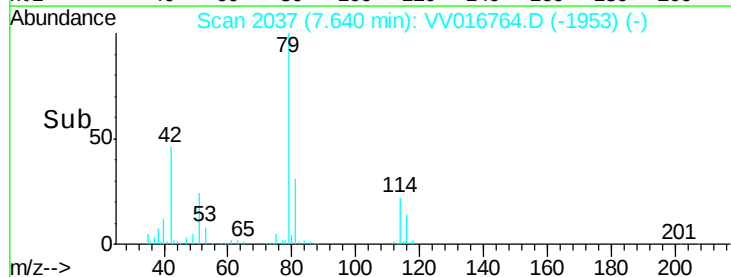
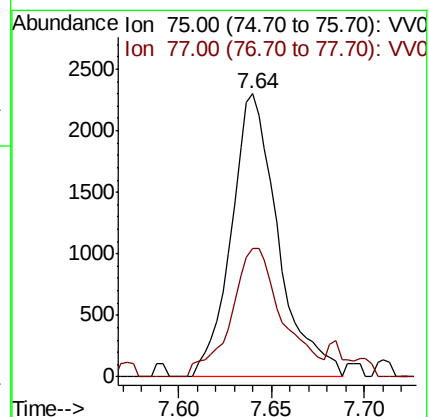
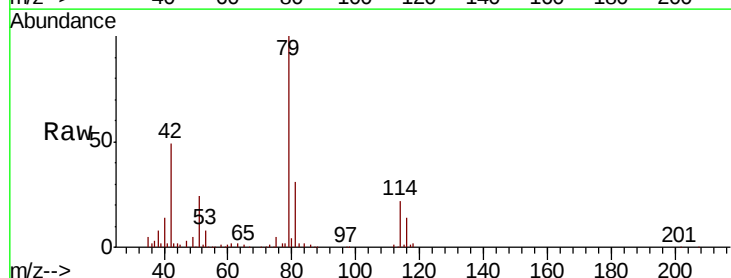
Acq: 10 Jun 2020 13:15

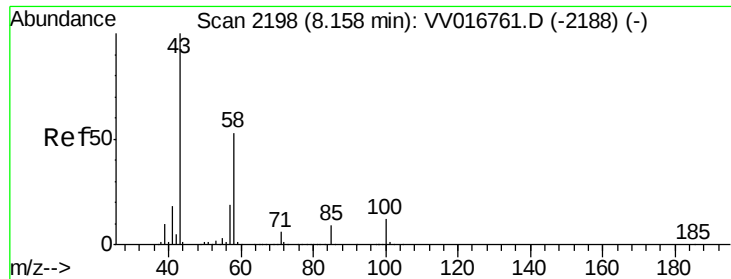
Tgt Ion: 75 Resp: 4032

Ion Ratio Lower Upper

75 100

77 45.5 21.7 40.3#





#48

2-Hexanone

Concen: 3.439 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016764.D

Acq: 10 Jun 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

ETTS3DL

Tot Ion: 43 Resp: 10009

Ion Ratio Lower Upper

43 100

58 34.6 43.1 64.7#

57 0.0 15.3 22.9#

100 5.2 10.0 15.0#

