

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016690.D
 Acq On : 09 Jun 2020 03:42
 Operator : SY/MD
 Sample : L2901-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTQ2

Quant Time: Jun 09 05:05:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324287	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141556	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99938	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.34%
7) Chloroethane-d5	1.56	69	73394	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.90%
11) 1,1-Dichloroethene-d2	2.12	63	140356	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
21) 2-Butanone-d5	3.89	46	175272	103.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.49%
24) Chloroform-d	4.37	84	228153	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
26) 1,2-Dichloroethane-d4	5.05	65	163139	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
32) Benzene-d6	5.07	84	442986	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
36) 1,2-Dichloropropane-d6	6.09	67	140489	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.72%
41) Toluene-d8	7.34	98	398597	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.64	79	62773	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.11	63	113024	94.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181889	50.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	162971	53.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.90%

Target Compounds

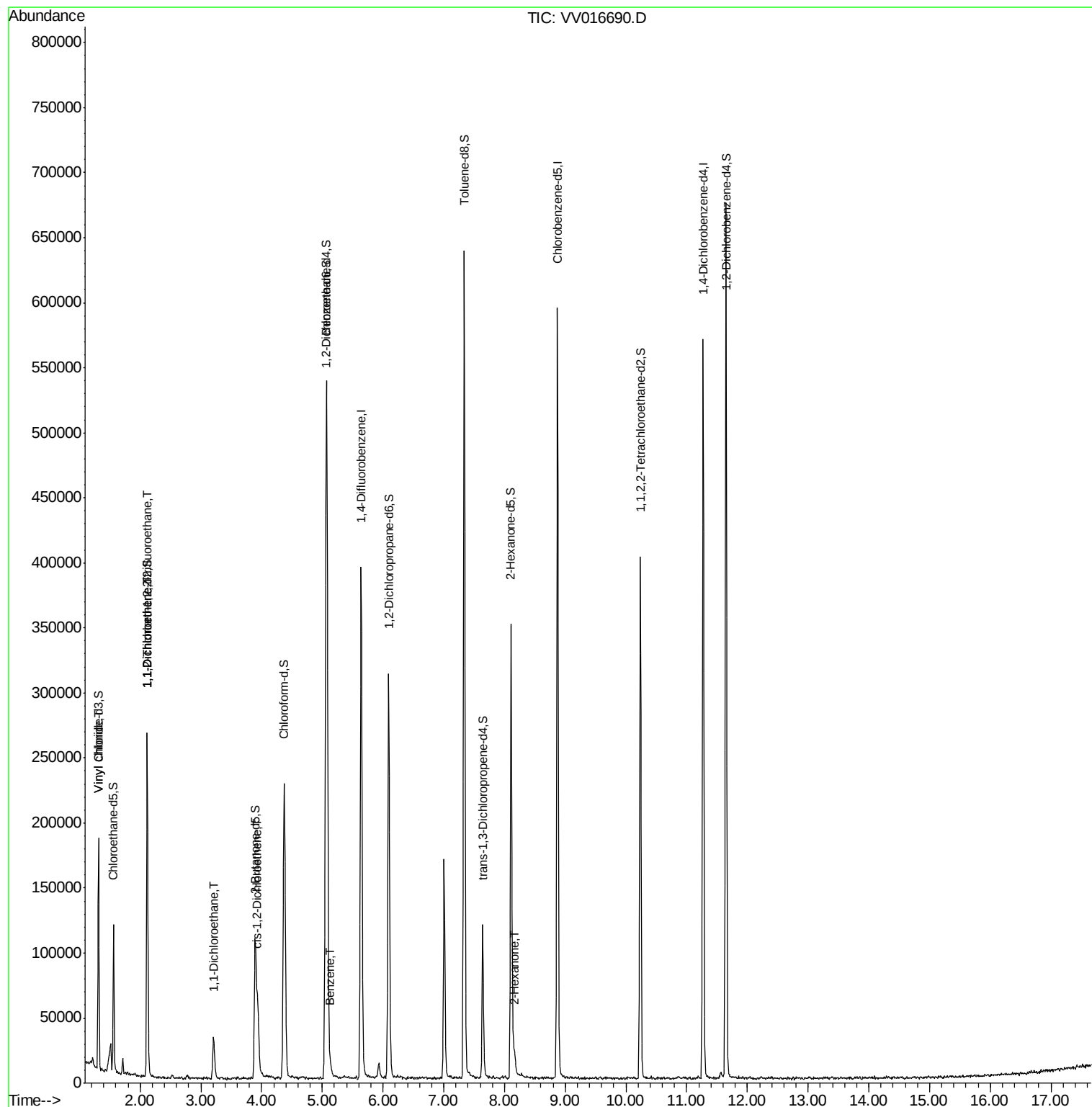
					Ovalue
5) Vinyl chloride	1.32	62	6030	2.608 ug/L #	74
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1370	0.795 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1306	0.811 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	32120	7.776 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	22780	9.522 ug/L	99
33) Benzene	5.13	78	8675	0.963 ug/L	100
48) 2-Hexanone	8.17	43	8456	3.286 ug/L	95

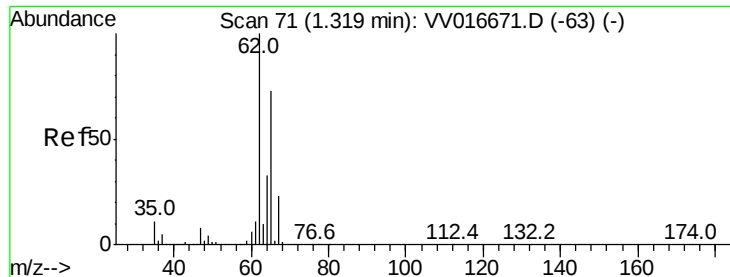
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 03:40:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.608 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016690.D

Acq: 09 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampleId :

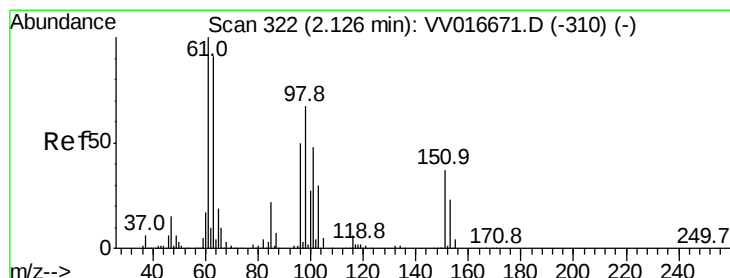
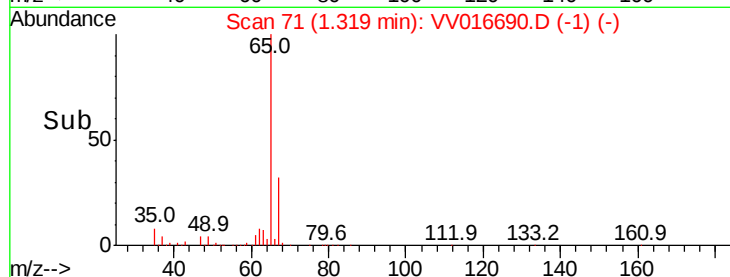
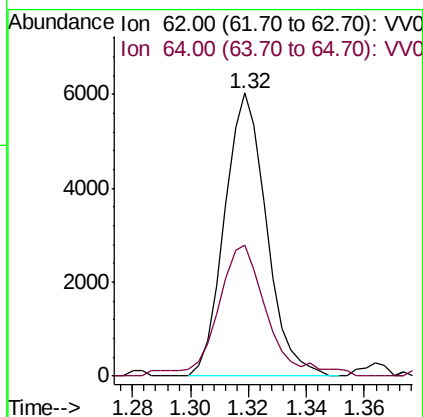
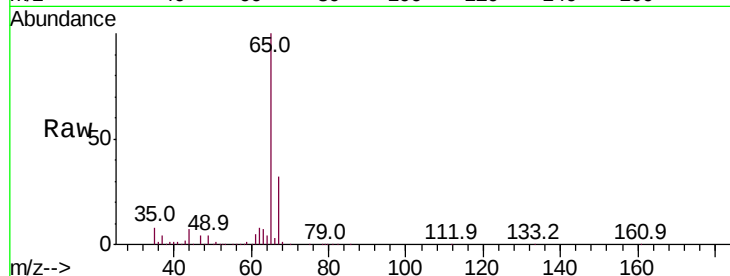
ETTQ2

Tot Ion: 62 Resp: 6030

Ion Ratio Lower Upper

62 100

64 46.4 22.3 41.5#



#10

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

Concen: 0.795 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016690.D

Acq: 09 Jun 2020 03:42

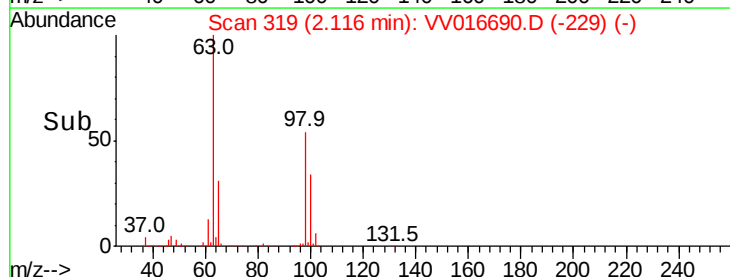
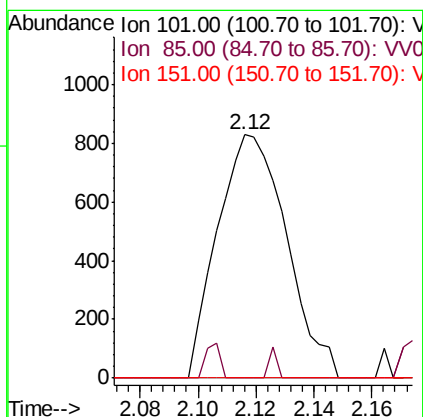
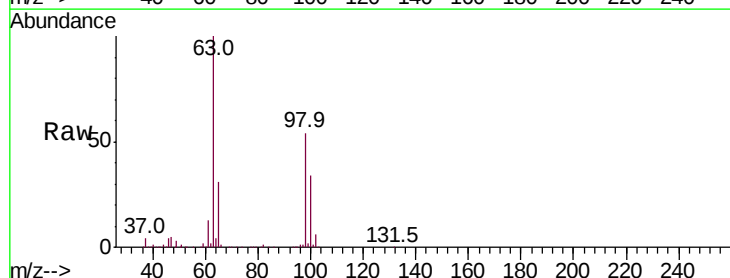
Tgt Ion: 101 Resp: 1370

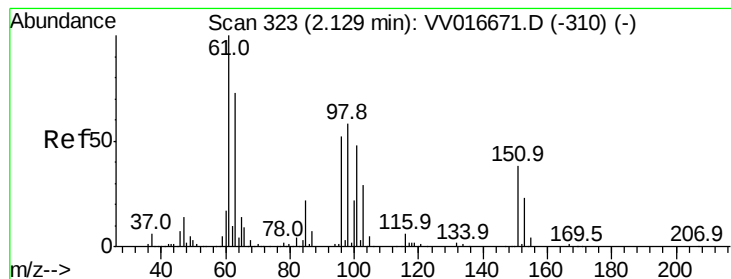
Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.811 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016690.D

Acq: 09 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampleId :

ETTQ2

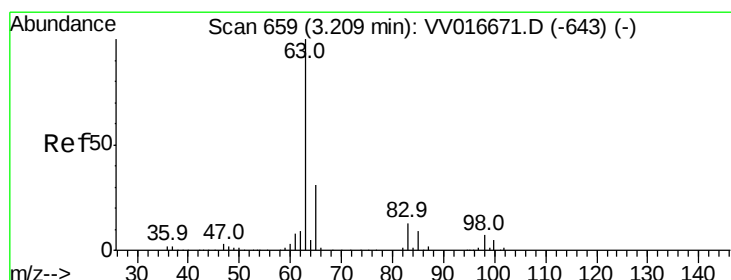
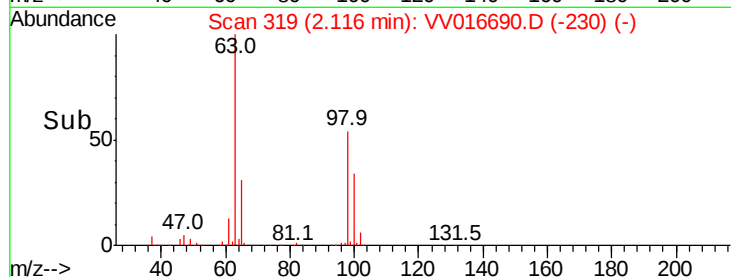
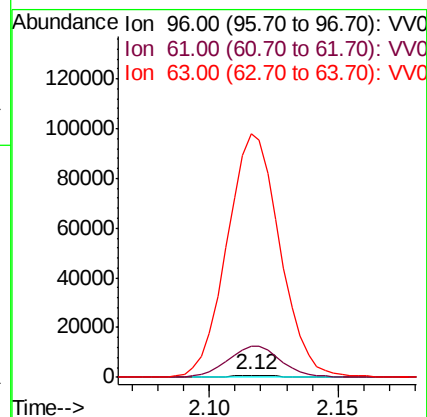
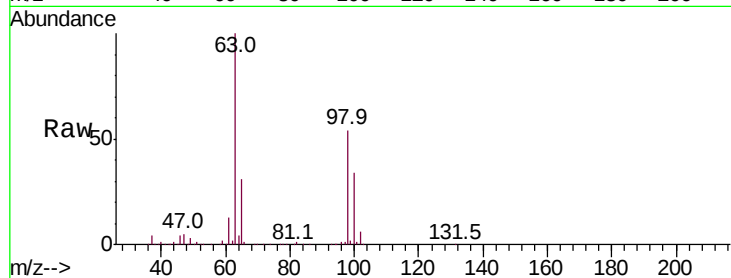
Tot Ion: 96 Resp: 1306

Ion Ratio Lower Upper

96 100

61 1531.3 130.4 242.2#

63 11980.4 103.3 191.9#



#19

1,1-Dichloroethane

Concen: 7.776 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV016690.D

Acq: 09 Jun 2020 03:42

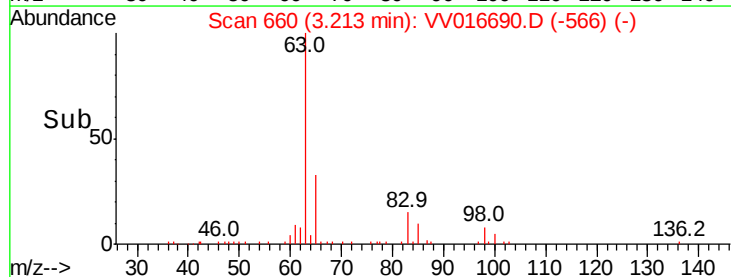
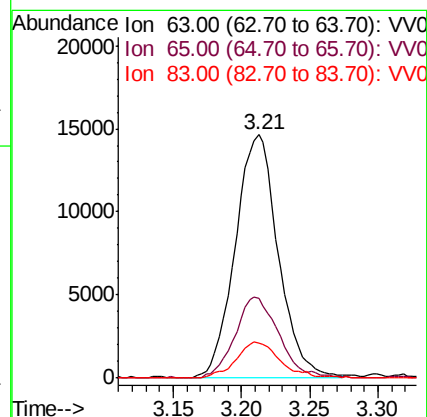
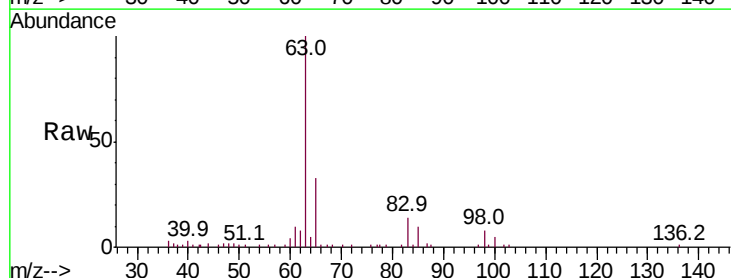
Tgt Ion: 63 Resp: 32120

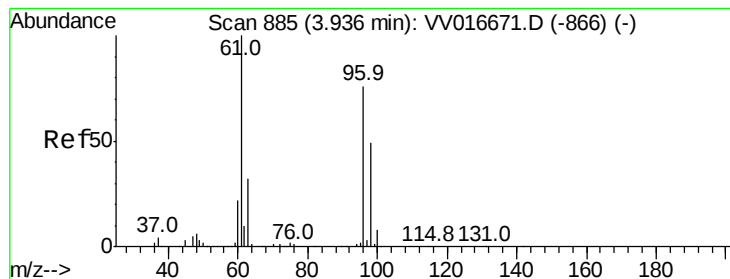
Ion Ratio Lower Upper

63 100

65 32.7 23.2 43.0

83 14.4 10.0 18.6



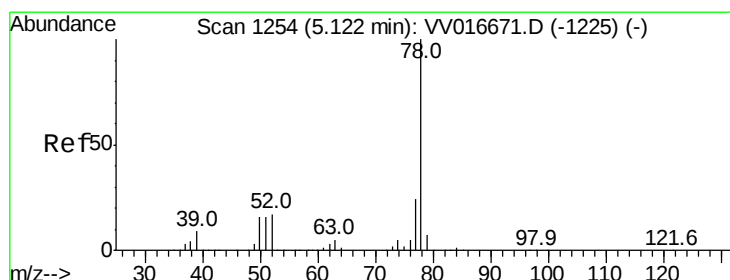
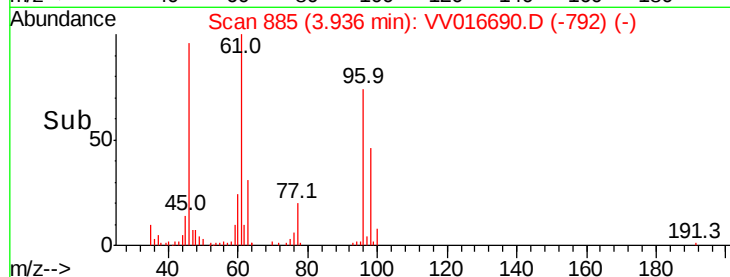
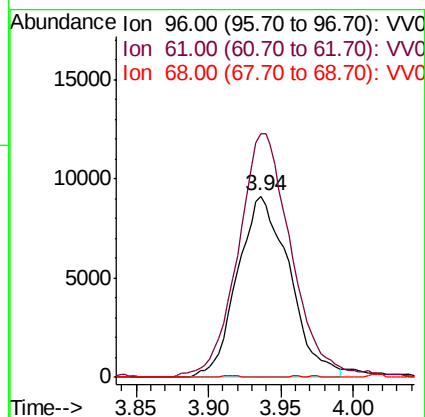
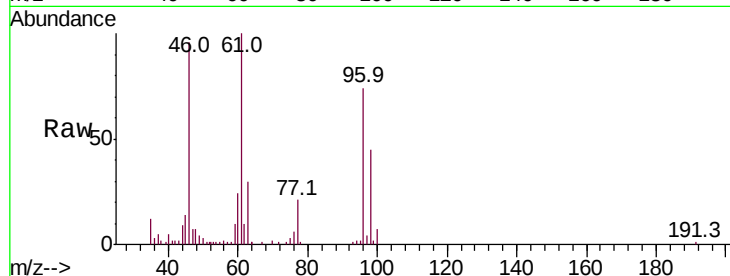


#20

cis-1,2-Dichloroethene
 Concen: 9.522 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016690.D
 Acq: 09 Jun 2020 03:42

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTQ2

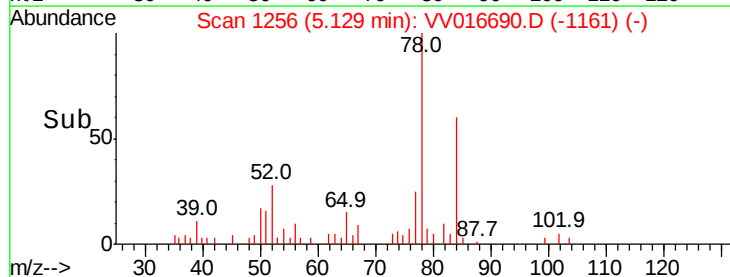
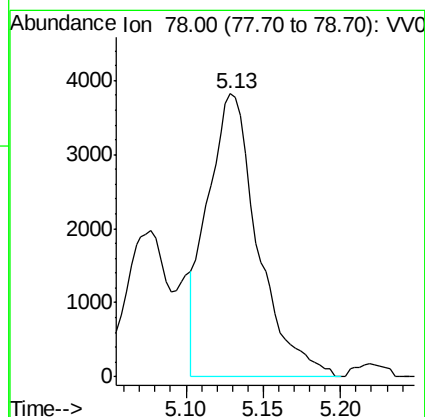
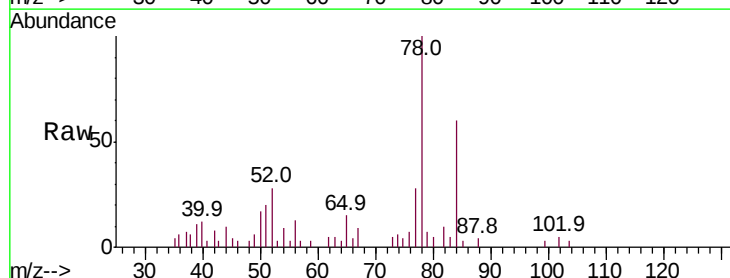
Tot Ion: 96 Resp: 22780
 Ion Ratio Lower Upper
 96 100
 61 134.2 93.4 173.4
 68 0.0 0.0 0.0

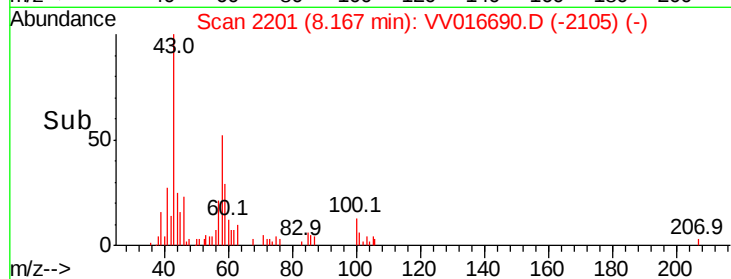
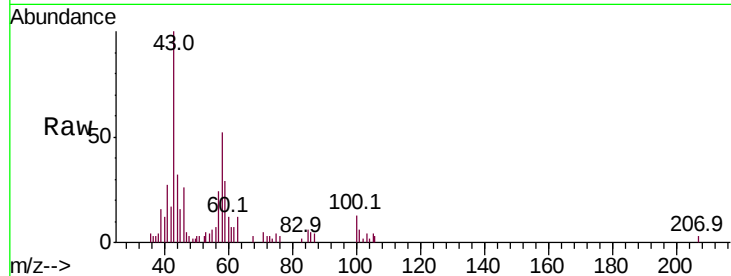
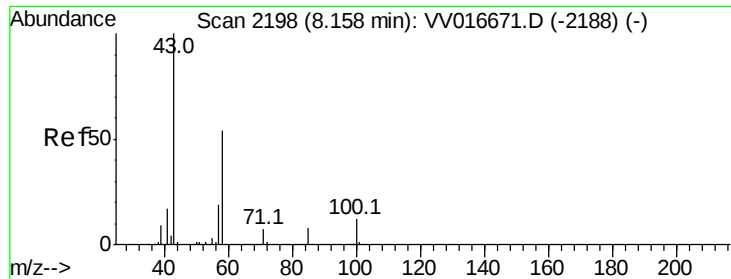


#33

Benzene
 Concen: 0.963 ug/L
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: VV016690.D
 Acq: 09 Jun 2020 03:42

Tgt Ion: 78 Resp: 8675





#48

2-Hexanone

Concen: 3.286 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016690.D

Acq: 09 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampleId :

ETTQ2

Tot Ion: 43 Resp: 8456

Ion Ratio Lower Upper

43 100

58 49.1 43.1 64.7

57 17.7 15.3 22.9

100 12.4 10.0 15.0

Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

