

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016657.D
 Acq On : 08 Jun 2020 14:14
 Operator : SY/MD
 Sample : L2862-13DL2 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E07DL2

Quant Time: Jun 09 01:07:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136442	52.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.08%
7) Chloroethane-d5	1.56	69	88954	57.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.16%
11) 1,1-Dichloroethene-d2	2.12	63	174132	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.86%
21) 2-Butanone-d5	3.89	46	211488	110.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.03%
24) Chloroform-d	4.37	84	277009	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.92%
26) 1,2-Dichloroethane-d4	5.05	65	194778	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
32) Benzene-d6	5.07	84	546628	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
36) 1,2-Dichloropropane-d6	6.09	67	173164	56.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.58%
41) Toluene-d8	7.34	98	489835	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%
43) trans-1,3-Dichloropropene-	7.64	79	83657	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.42%
47) 2-Hexanone-d5	8.11	63	142597	106.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	215582	52.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	191358	57.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.70%

Target Compounds

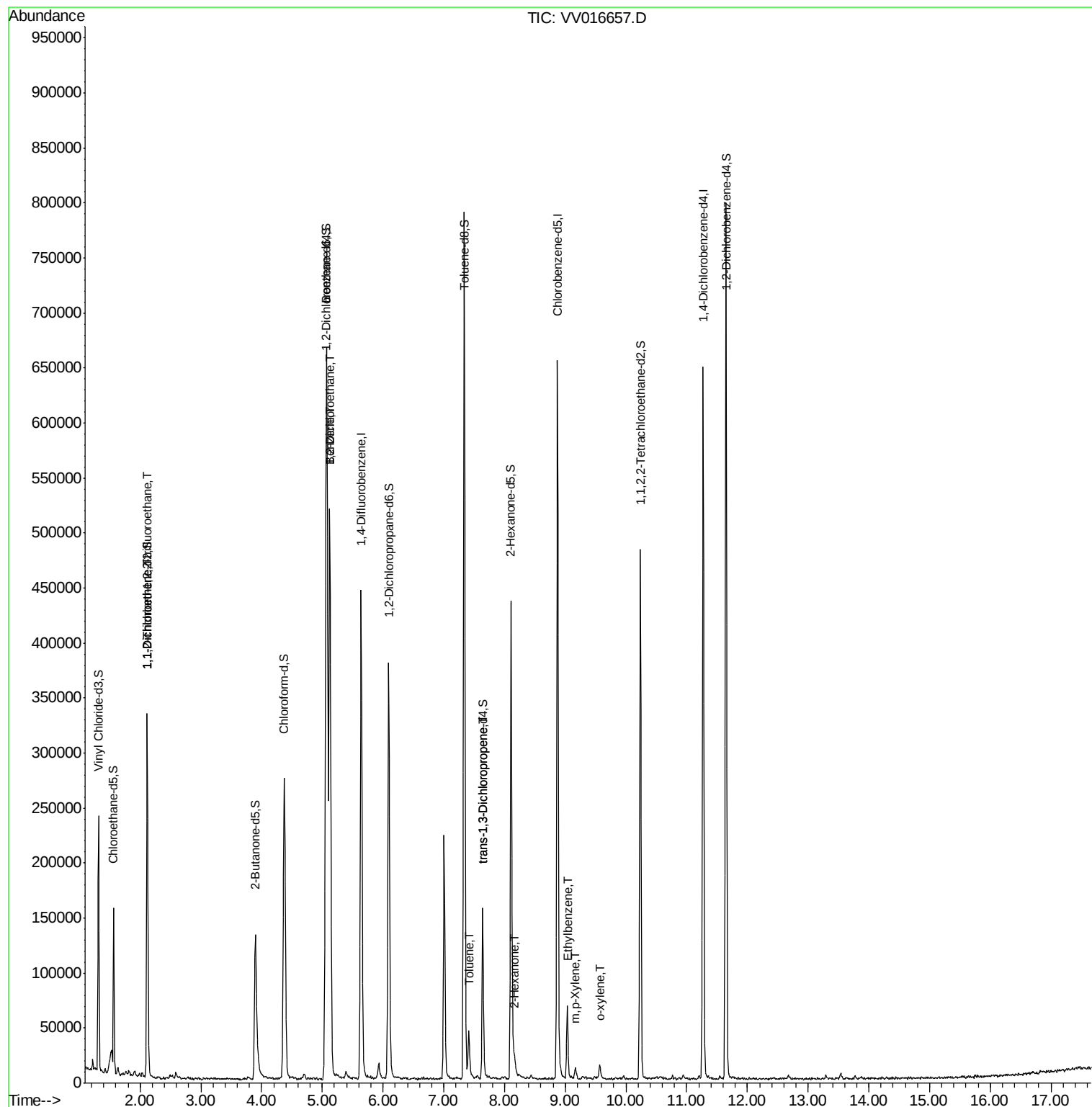
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1708	0.873	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1686	0.923	ug/L #	1
27) 1,2-Dichloroethane	5.12	62	4710	1.166	ug/L #	74
33) Benzene	5.13	78	501663	49.524	ug/L	100
42) Toluene	7.41	91	30551	2.861	ug/L	96
44) trans-1,3-Dichloropropene	7.64	75	4191	1.053	ug/L	94
48) 2-Hexanone	8.17	43	10513	3.632	ug/L #	75
52) Ethylbenzene	9.04	91	43055	3.640	ug/L	92
53) m,p-Xylene	9.16	106	2739	0.622	ug/L	74
54) o-xylene	9.57	106	3398	0.782	ug/L	88

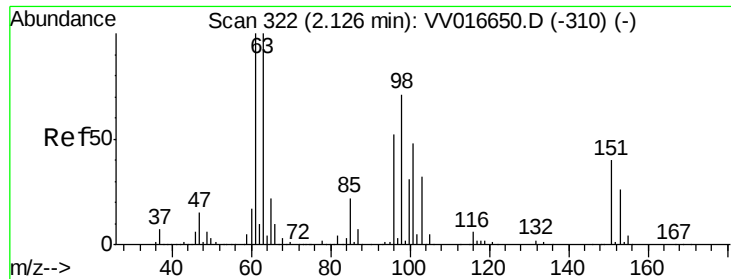
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.873 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

F9E07DL2

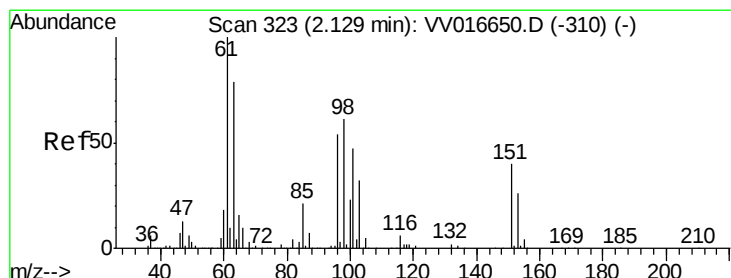
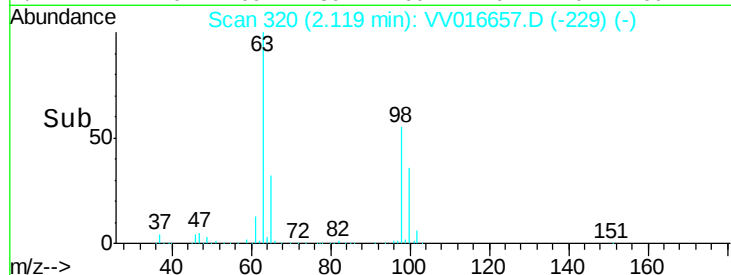
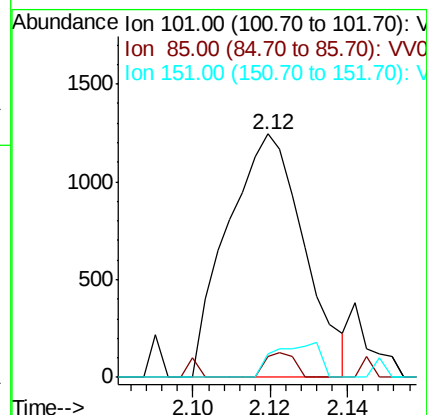
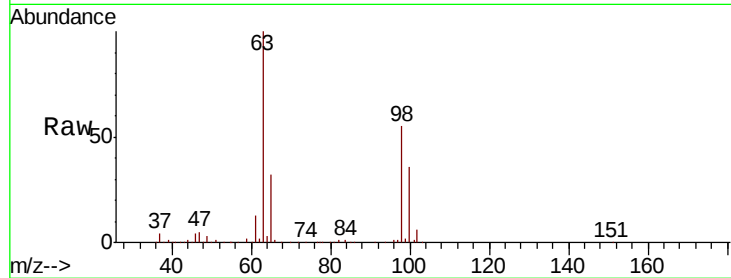
Tot Ion:101 Resp: 1708

Ion Ratio Lower Upper

101 100

85 3.9 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.923 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

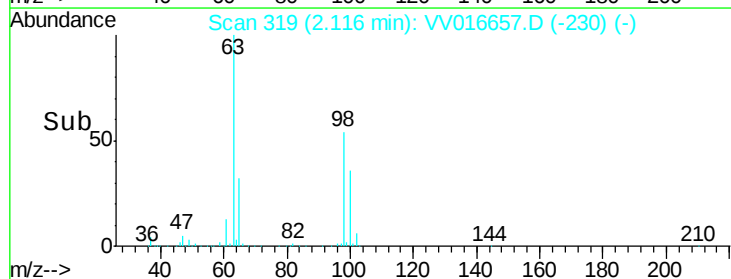
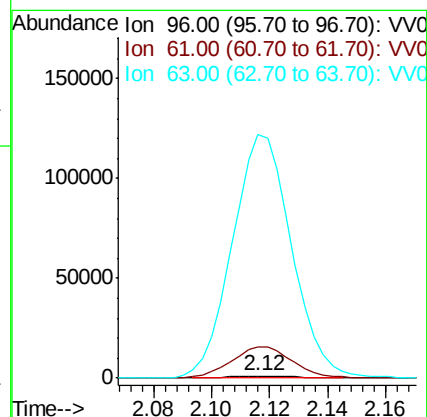
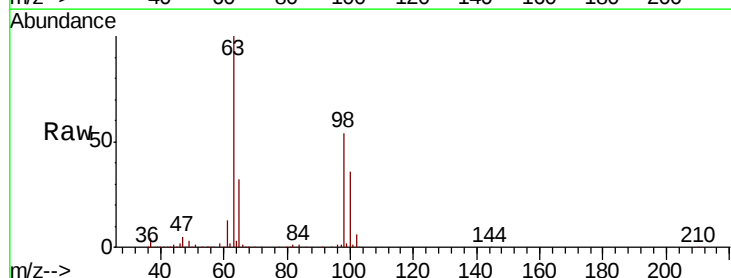
Tgt Ion: 96 Resp: 1686

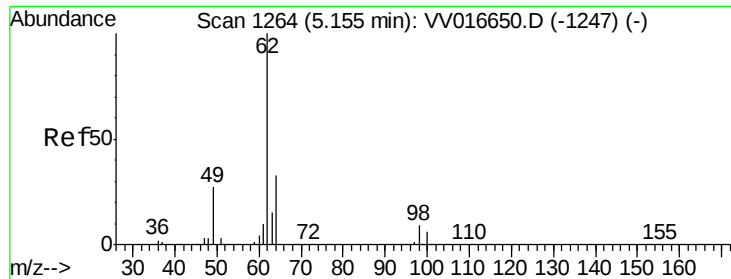
Ion Ratio Lower Upper

96 100

61 1492.2 130.4 242.2#

63 11512.7 103.3 191.9#





#27

1,2-Dichloroethane

Concen: 1.166 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

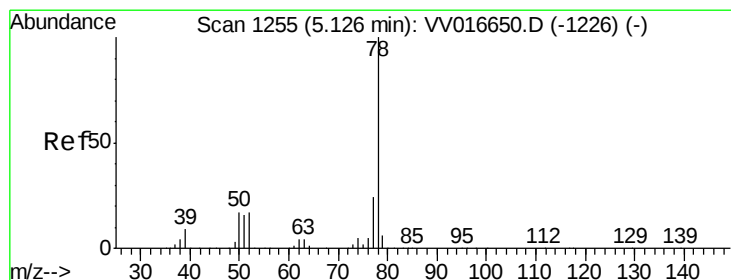
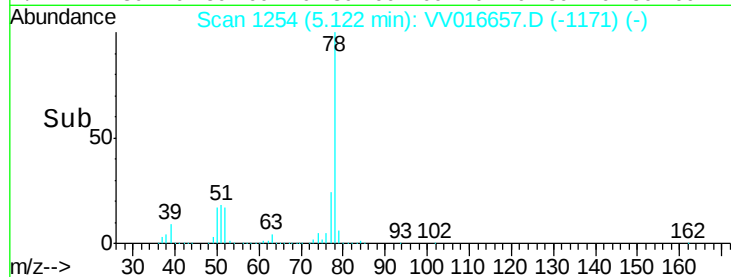
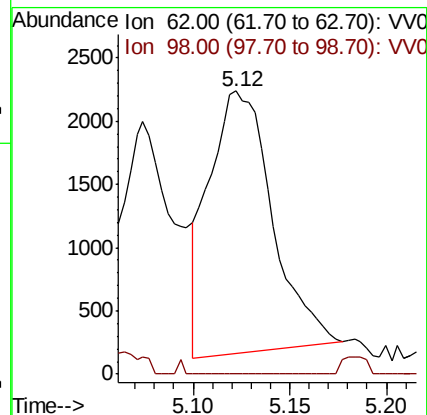
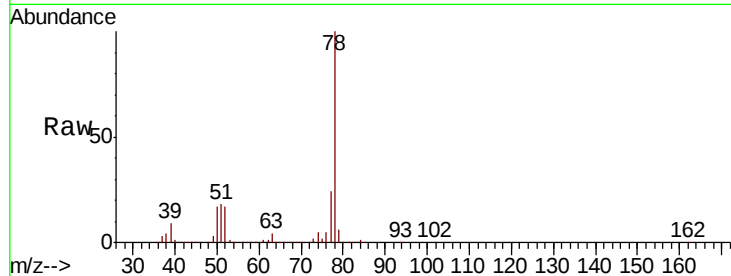
F9E07DL2

Tot Ion: 62 Resp: 4710

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#33

Benzene

Concen: 49.524 ug/L

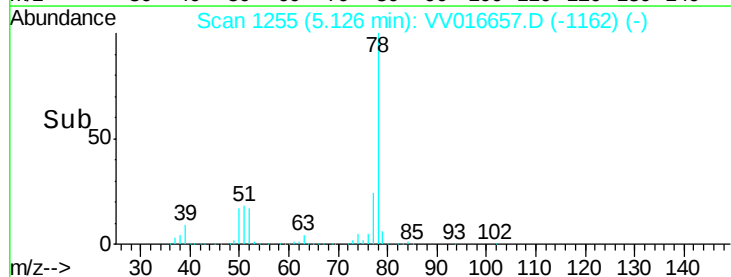
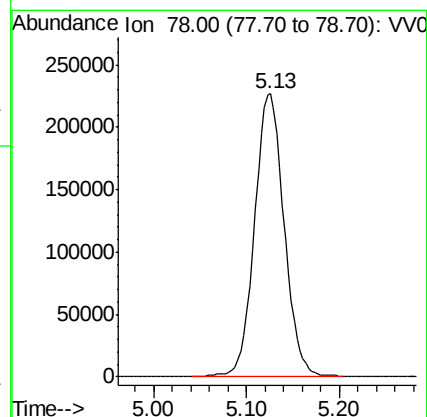
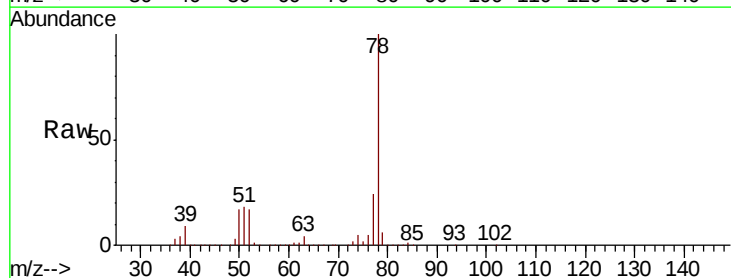
RT: 5.13 min Scan# 1255

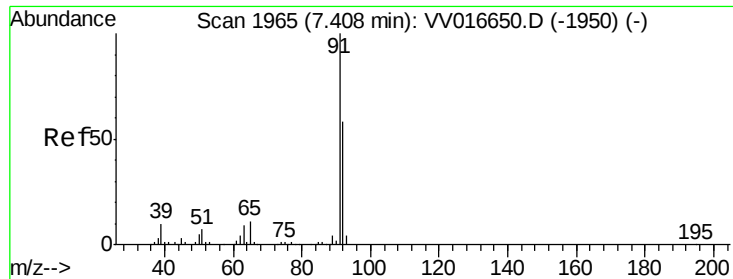
Delta R.T. -0.00 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

Tgt Ion: 78 Resp: 501663





#42

Toluene

Concen: 2.861 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

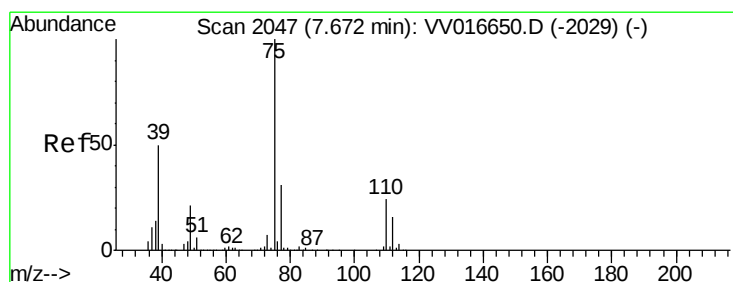
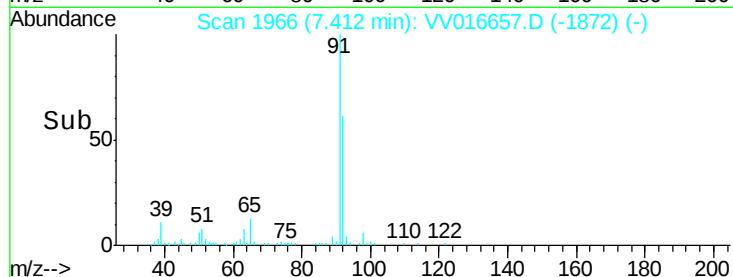
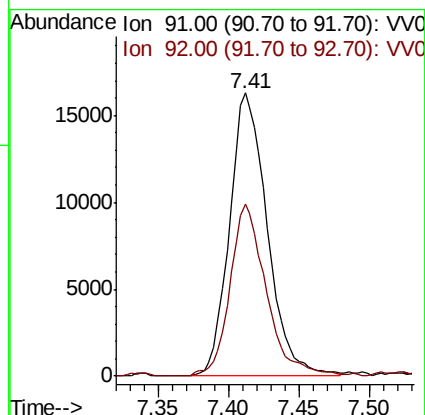
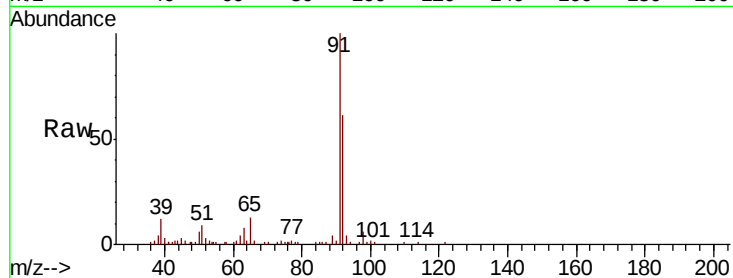
F9E07DL2

Tot Ion: 91 Resp: 30551

Ion Ratio Lower Upper

91 100

92 60.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 1.053 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016657.D

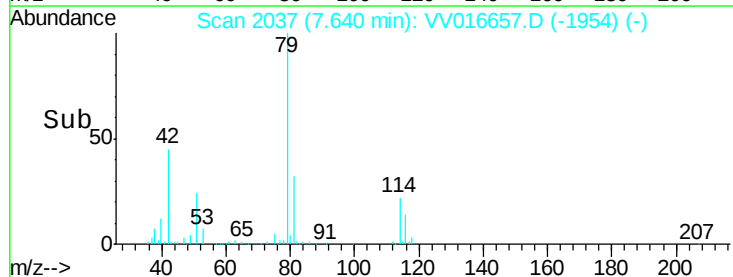
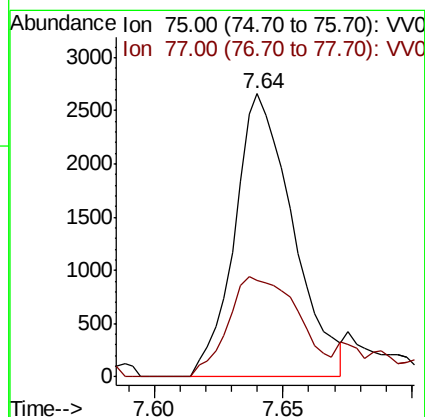
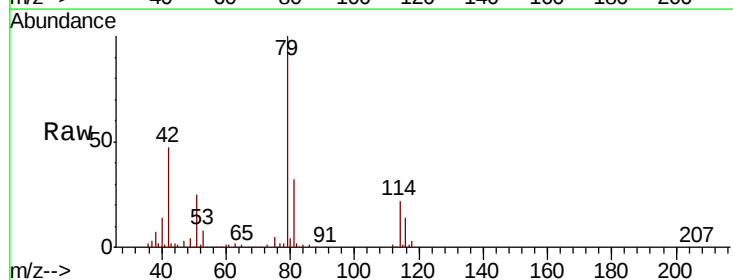
Acq: 08 Jun 2020 14:14

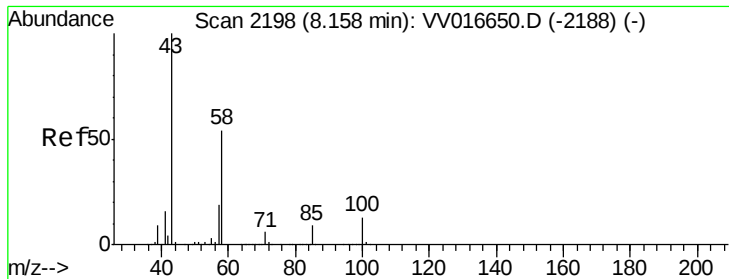
Tgt Ion: 75 Resp: 4191

Ion Ratio Lower Upper

75 100

77 34.1 21.7 40.3

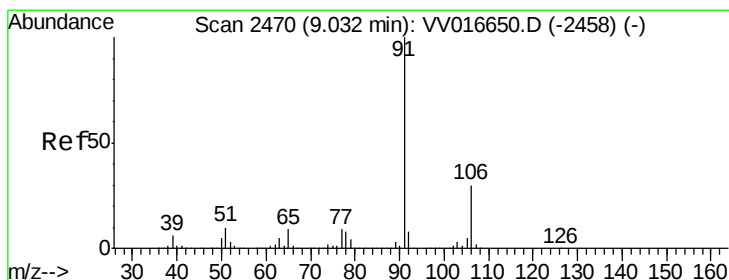
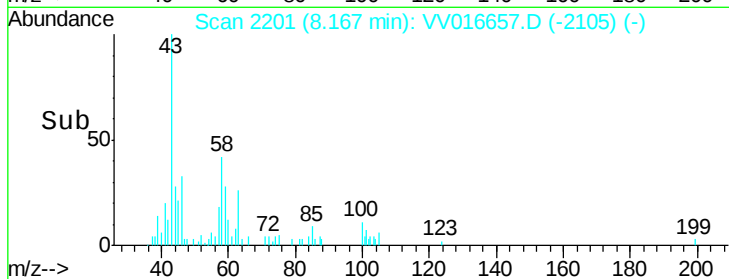
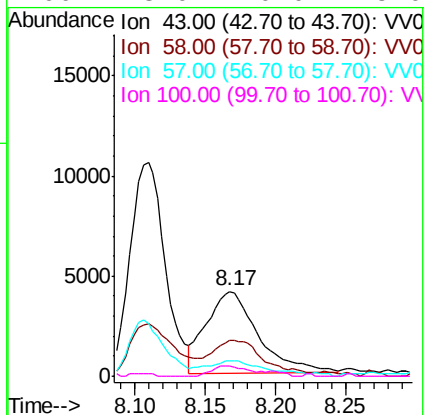
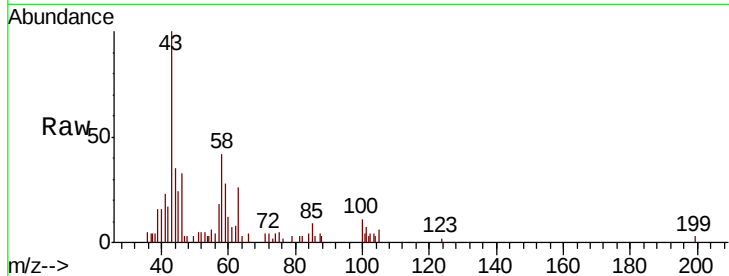




#48
2-Hexanone
Concen: 3.632 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016657.D
Acq: 08 Jun 2020 14:14

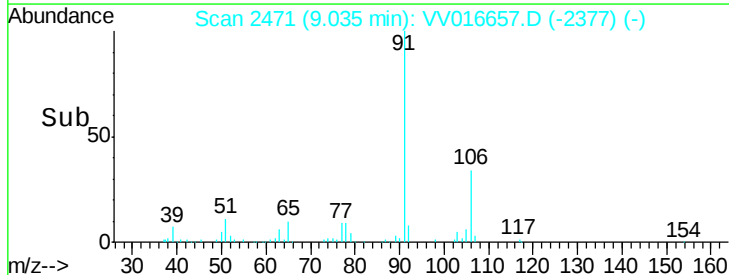
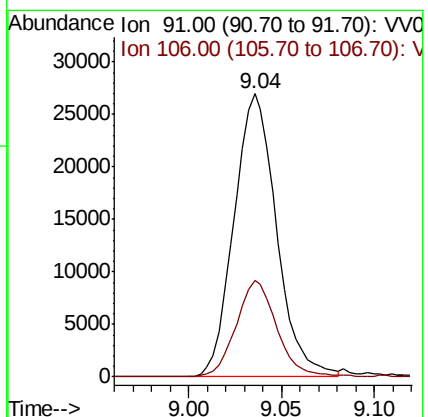
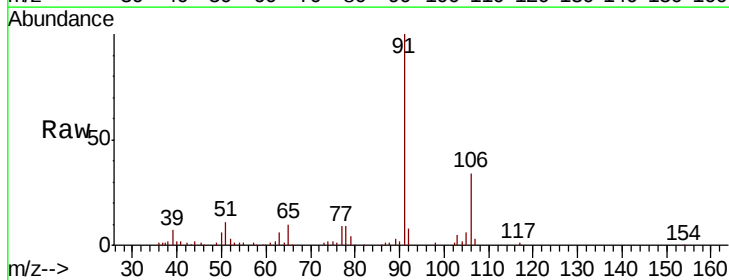
Instrument :
MSVOA_V
ClientSampleId :
F9E07DL2

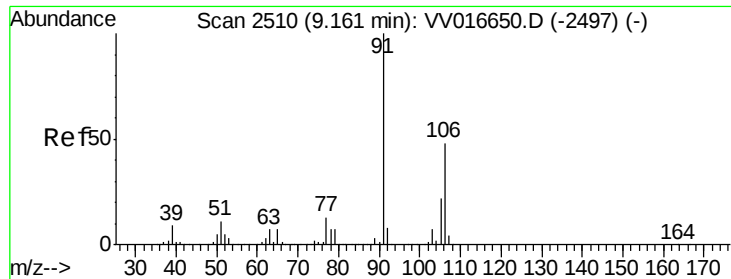
Tot Ion: 43 Resp: 10513
Ion Ratio Lower Upper
43 100
58 31.4 43.1 64.7#
57 12.2 15.3 22.9#
100 8.0 10.0 15.0#



#52
Ethylbenzene
Concen: 3.640 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016657.D
Acq: 08 Jun 2020 14:14

Tgt Ion: 91 Resp: 43055
Ion Ratio Lower Upper
91 100
106 34.3 21.1 39.1





#53

m,p-Xylene

Concen: 0.622 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

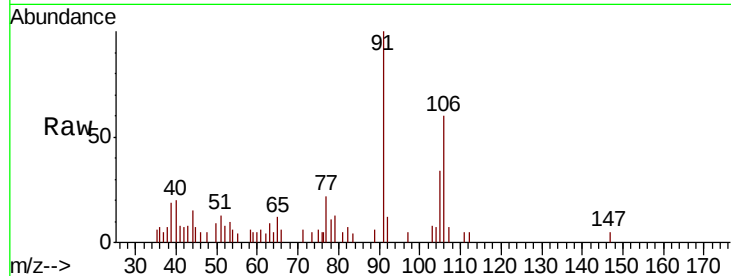
F9E07DL2

Tot Ion:106 Resp: 2739

Ion Ratio Lower Upper

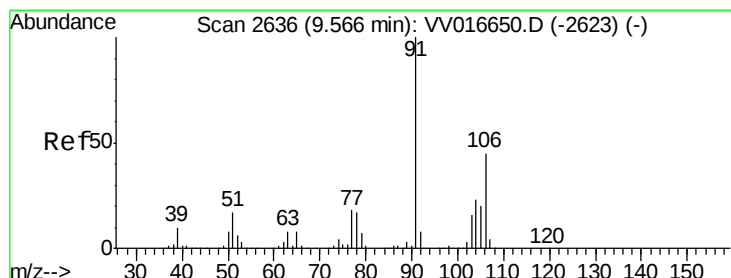
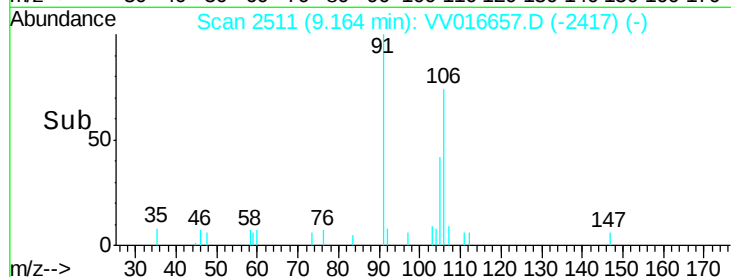
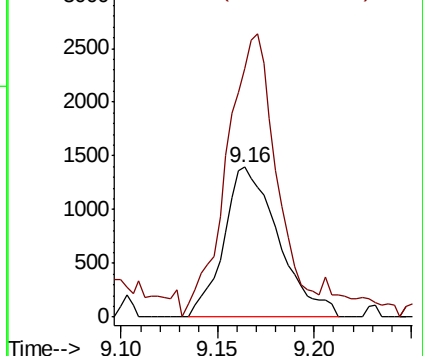
106 100

91 165.9 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.782 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV016657.D

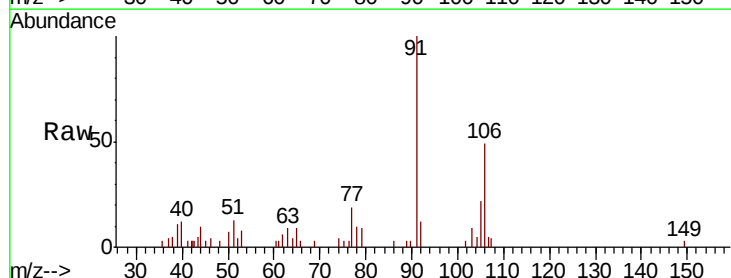
Acq: 08 Jun 2020 14:14

Tgt Ion:106 Resp: 3398

Ion Ratio Lower Upper

106 100

91 202.6 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

