

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
 Data File : VV016755.D
 Acq On : 10 Jun 2020 08:59
 Operator : SY/MD
 Sample : L2914-09DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E12DL

Quant Time: Jun 10 14:14:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 11:40:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103711	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.42%
7) Chloroethane-d5	1.56	69	75600	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	2.12	63	147586	32.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	3.89	46	189536	94.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	4.37	84	248140	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.05	65	177500	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
32) Benzene-d6	5.07	84	478012	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	152615	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.64%
41) Toluene-d8	7.33	98	423779	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.64	79	72730	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
47) 2-Hexanone-d5	8.10	63	122526	87.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190120	44.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	176676	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%

Target Compounds

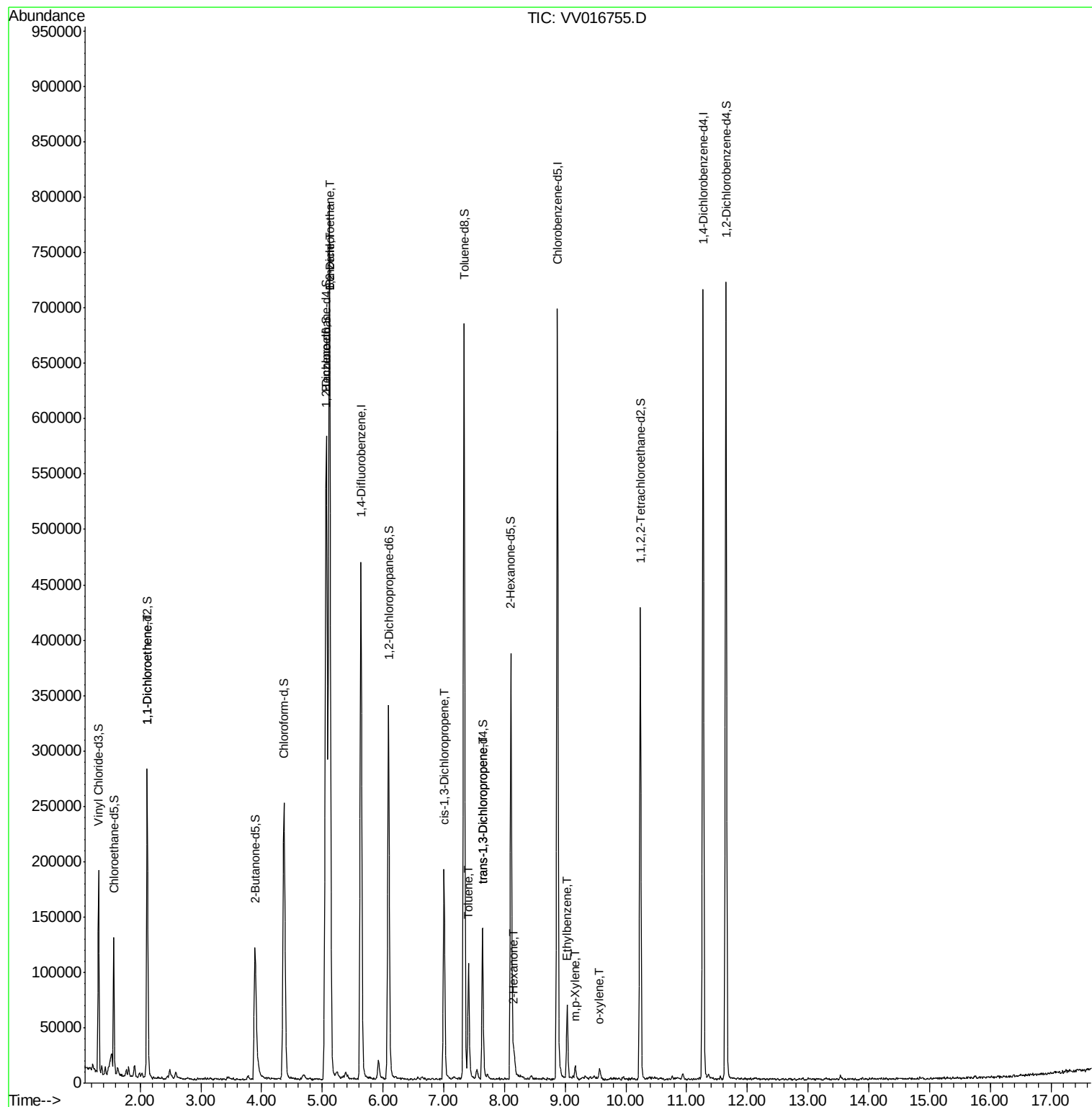
						Qvalue
12) 1,1-Dichloroethene	2.12	96	1463	0.77	ug/L #	1
27) 1,2-Dichloroethane	5.12	62	5802	1.37	ug/L #	74
33) Benzene	5.12	78	760680	71.64	ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	5034	1.17	ug/L #	57
42) Toluene	7.41	91	72234	6.45	ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	4004	0.96	ug/L #	83
48) 2-Hexanone	8.16	43	10614	3.50	ug/L #	87
52) Ethylbenzene	9.03	91	44044	3.55	ug/L	97
53) m,p-Xylene	9.16	106	2501	0.54	ug/L	88
54) o-xylene	9.57	106	2461	0.54	ug/L	97

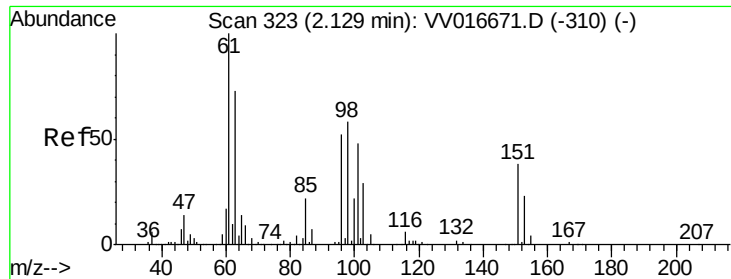
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 11:40:53 2020
Response via : Initial Calibration

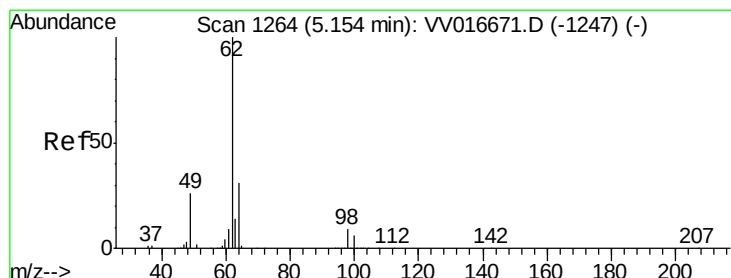
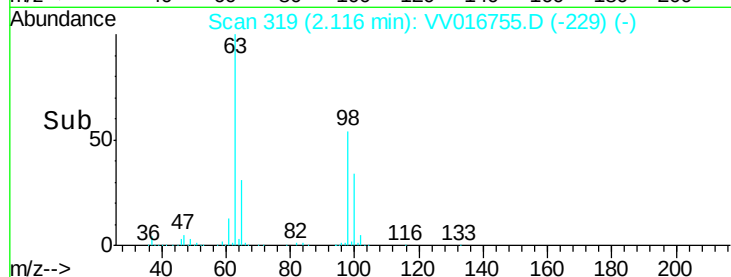
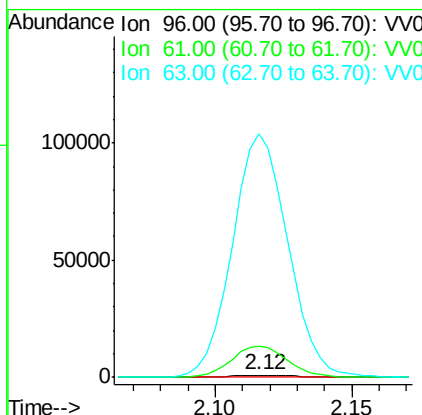
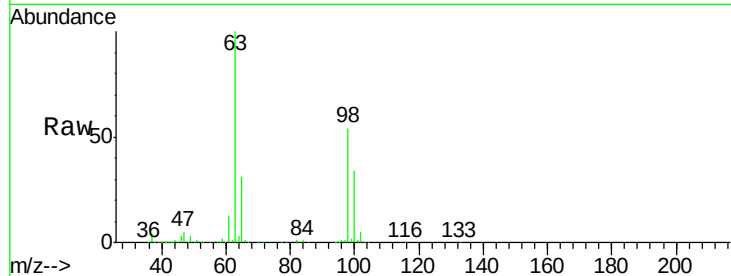




#12
 1,1-Dichloroethene
 Concen: 0.77 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VV016755.D
 Acq: 10 Jun 2020 08:59

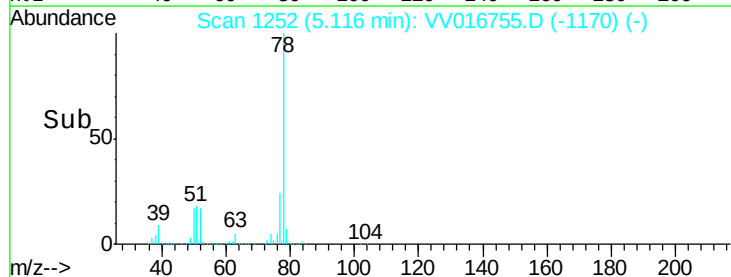
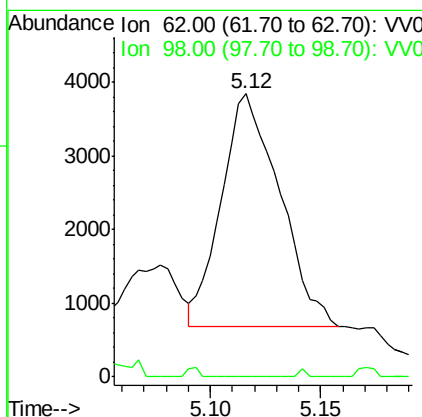
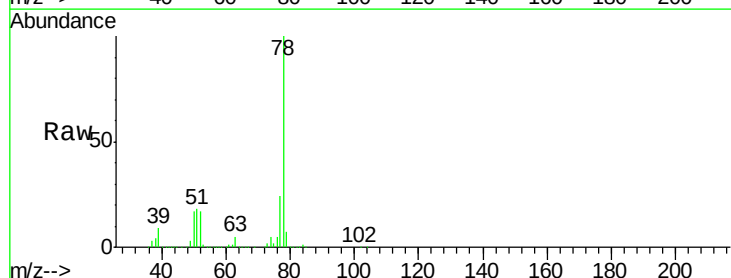
Instrument :
 MSVOA_V
 ClientSampleId :
 F9E12DL

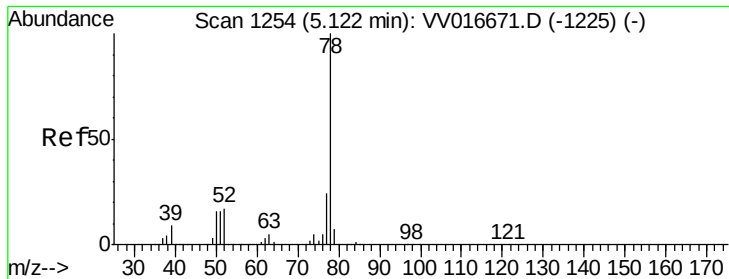
Tgt Ion: 96 Resp: 1463
 Ion Ratio Lower Upper
 96 100
 61 1521.1 130.4 242.2#
 63 11684.1 103.3 191.9#



#27
 1,2-Dichloroethane
 Concen: 1.37 ug/L
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.04 min
 Lab File: VV016755.D
 Acq: 10 Jun 2020 08:59

Tgt Ion: 62 Resp: 5802
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.2#





#33

Benzene

Concen: 71.64 ug/L

RT: 5.12 min Scan# 1253

Delta R.T. -0.00 min

Lab File: VV016755.D

Acq: 10 Jun 2020 08:59

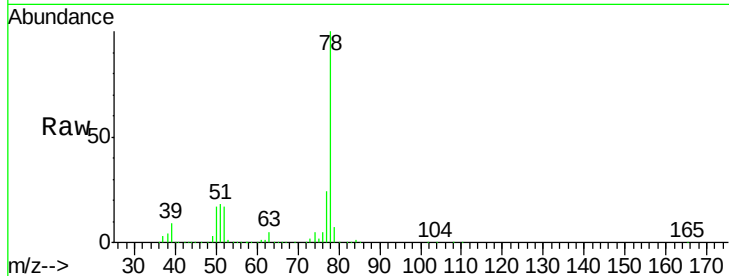
Instrument :

MSVOA_V

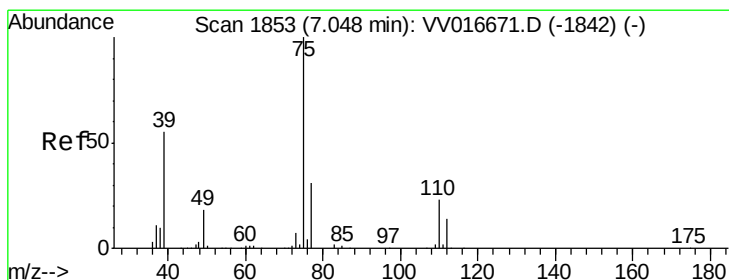
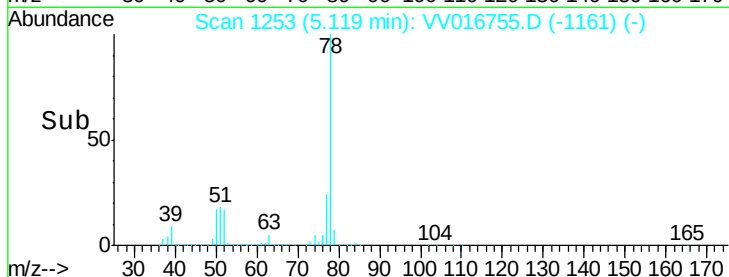
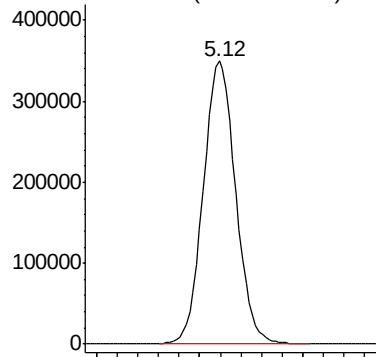
ClientSampleId :

F9E12DL

Tgt Ion: 78 Resp: 760680



Abundance Ion 78.00 (77.70 to 78.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.17 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016755.D

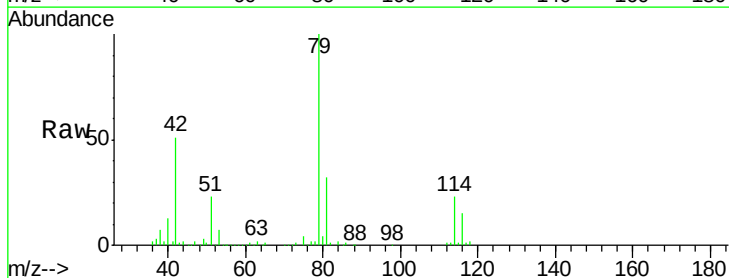
Acq: 10 Jun 2020 08:59

Tgt Ion: 75 Resp: 5034

Ion Ratio Lower Upper

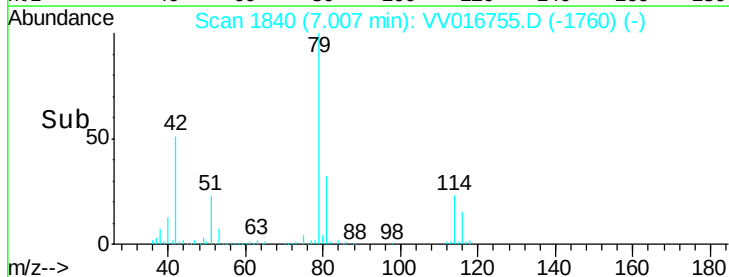
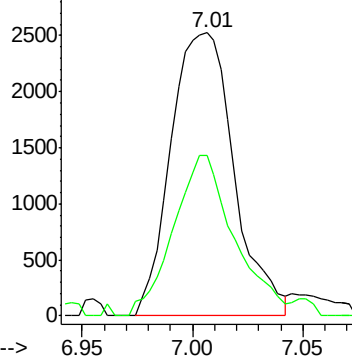
75 100

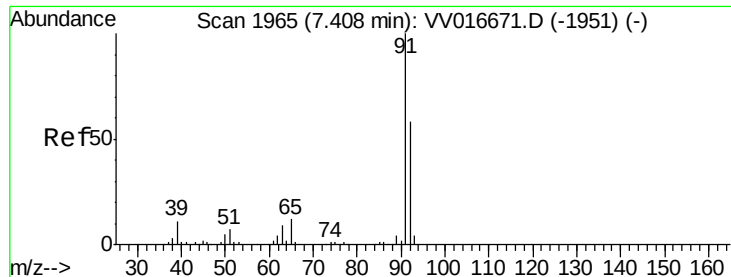
77 56.6 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#42

Toluene

Concen: 6.45 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016755.D

Acq: 10 Jun 2020 08:59

Instrument :

MSVOA_V

ClientSampleId :

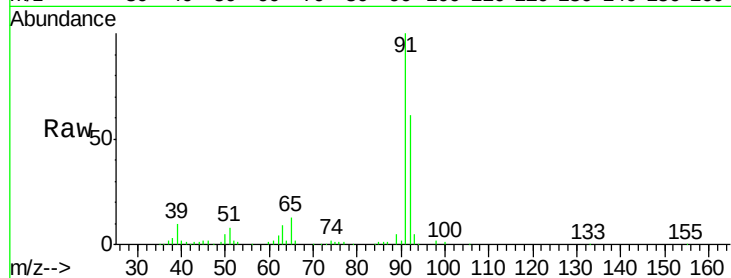
F9E12DL

Tgt Ion: 91 Resp: 72234

Ion Ratio Lower Upper

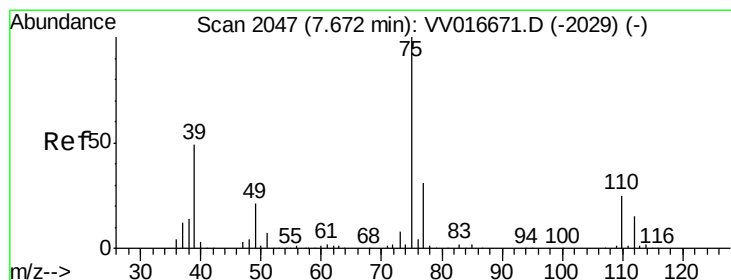
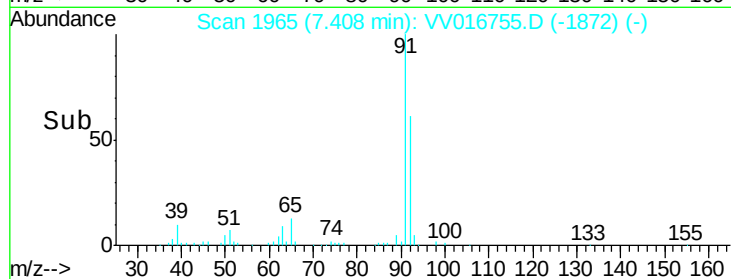
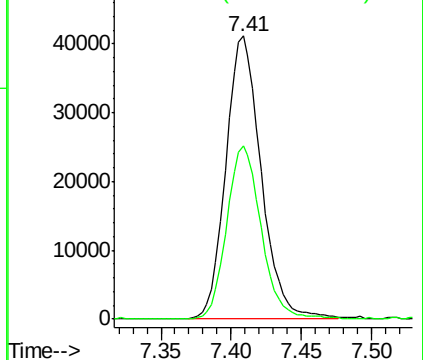
91 100

92 61.1 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.96 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016755.D

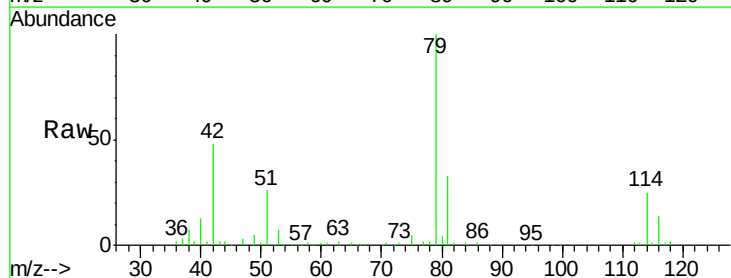
Acq: 10 Jun 2020 08:59

Tgt Ion: 75 Resp: 4004

Ion Ratio Lower Upper

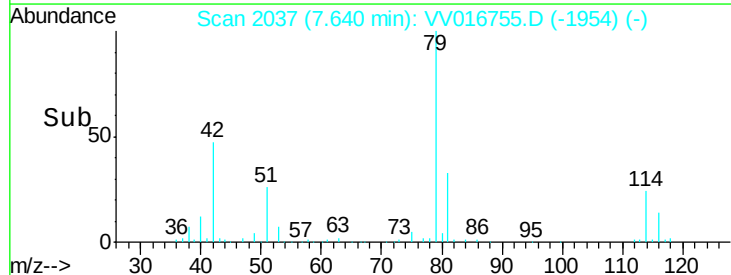
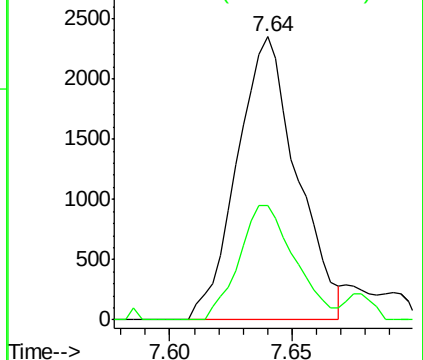
75 100

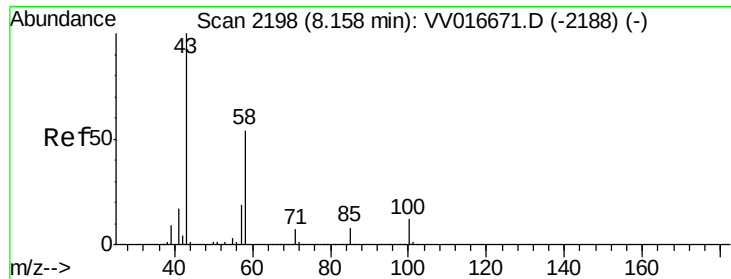
77 40.6 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

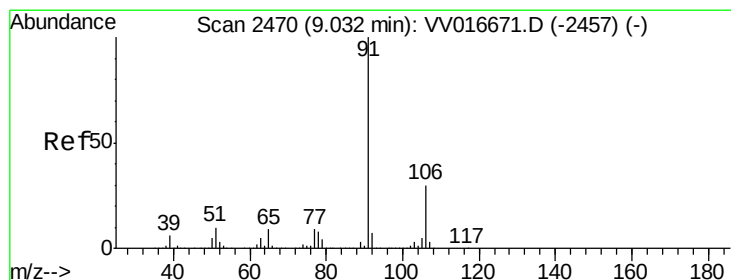
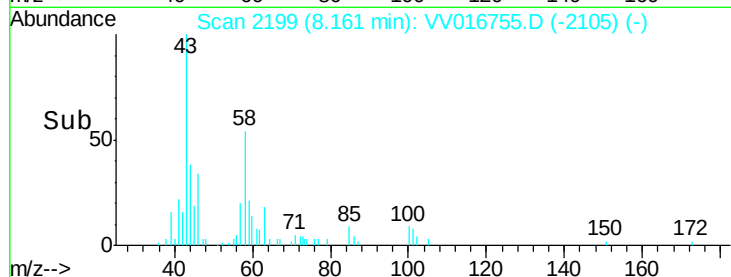
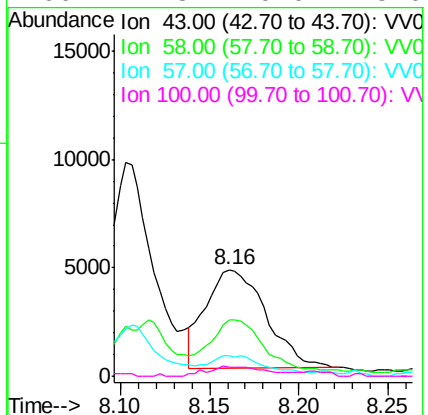
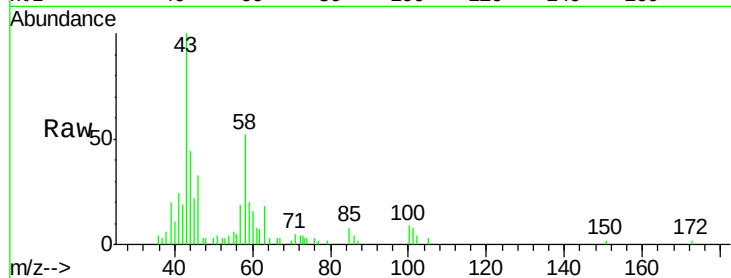




#48
2-Hexanone
Concen: 3.50 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016755.D
Acq: 10 Jun 2020 08:59

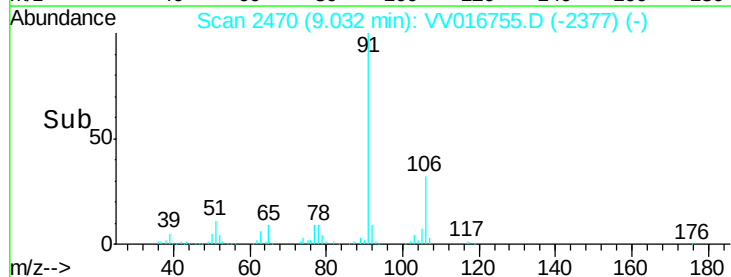
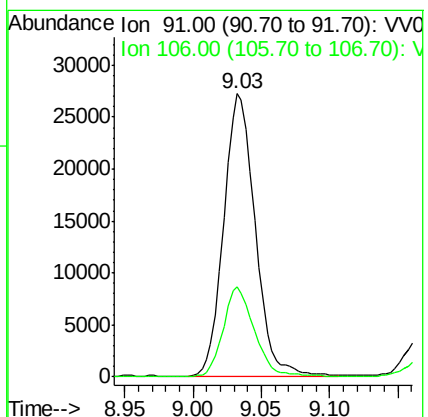
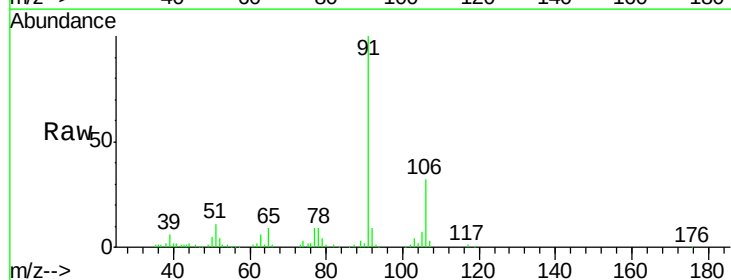
Instrument :
MSVOA_V
ClientSampleId :
F9E12DL

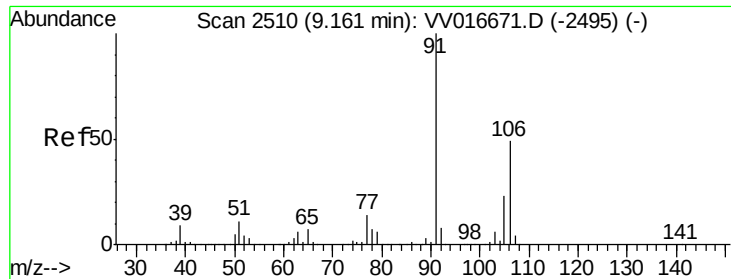
Tgt Ion: 43 Resp: 10614
Ion Ratio Lower Upper
43 100
58 55.7 43.1 64.7
57 3.3 15.3 22.9#
100 1.8 10.0 15.0#



#52
Ethylbenzene
Concen: 3.55 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016755.D
Acq: 10 Jun 2020 08:59

Tgt Ion: 91 Resp: 44044
Ion Ratio Lower Upper
91 100
106 31.7 21.1 39.1





#53

m,p-Xylene

Concen: 0.54 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016755.D

Acq: 10 Jun 2020 08:59

Instrument :

MSVOA_V

ClientSampleId :

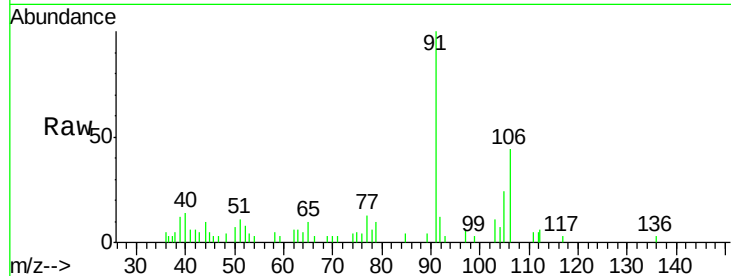
F9E12DL

Tgt Ion:106 Resp: 2501

Ion Ratio Lower Upper

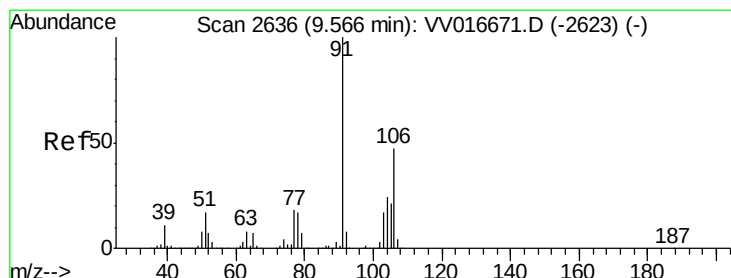
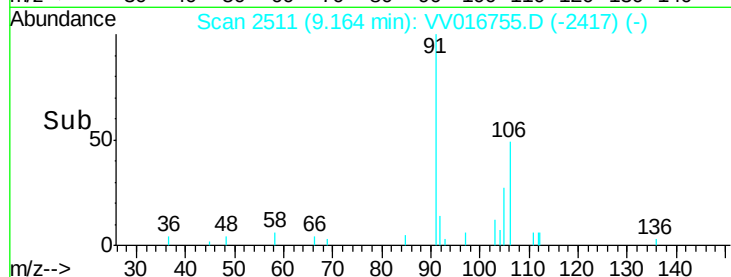
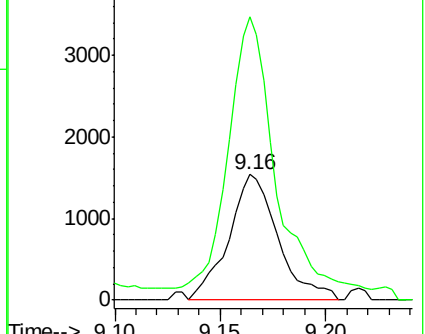
106 100

91 225.7 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.54 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV016755.D

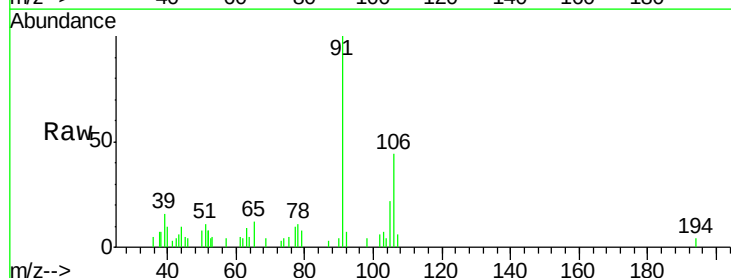
Acq: 10 Jun 2020 08:59

Tgt Ion:106 Resp: 2461

Ion Ratio Lower Upper

106 100

91 227.8 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

